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MEMORANDUM

To: California Energy Commission Staff
From: Compass Energy Storage LLC
Subject: Hazardous Consequence Analysis
Date: June 26, 2025

Compass Energy Storage LLC has prepared a draft Hazardous Consequence Analysis (Part 1 of 2) for the Compass Energy Storage Project at the request of the California Energy Commission staff. The analysis was requested by CEC staff as a supplemental component and was not required to deem the application complete. The analysis is also supplemental to the primary plume analysis provided to the CEC in the Community Risk Assessment (Tracking Number 261906) utilizing the PHAST methodology.

The analysis (Part 1) evaluates potential impacts of toxic air contaminants from a thermal runaway event and the potential for a thermal runaway event to cause or contribute to a violation of an ambient air quality standard. CEC staff reviewed the Part 1 analysis and provided comments. Part 2 of 2 responds to CEC staff's comments. As such, Part 1 and Part 2 comprise the final Hazardous Consequence Analysis.

DRAFT (PART 1)

MEMORANDUM

To:	California Energy Commission
From:	Compass Energy Storage LLC
Subject:	Hazardous Consequence Analysis for the Compass Energy Storage Project
Date:	May 23, 2025
Attachments:	A, Emission Calculations B, Prior Studies on Emissions from Battery Malfunctions C, Dispersion Modeling Outputs

At the request of CEC staff, Compass Energy Storage LLC and Affiliates (Applicant) requested that Dudek prepare a supplemental hazardous consequence analysis technical memorandum (study) for the Compass Energy Storage Project (Project) located in the City of San Juan Capistrano, California. This analysis is in addition to the Community Risk Assessment provided to the CEC by Fire & Risk Alliance, and provides a different but 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, Sensitive Receptors, General Analysis and Methodology, Significance Criteria, Conclusions, and References Cited.

1 Executive Summary

The Project would involve constructing and operating a battery energy storage system (BESS) within the City of San Juan Capistrano, California. This study evaluated the Project's potential to cause adverse health effects on nearby receptors in the highly unlikely scenario of a thermal runaway event.¹

This study provides a list of the chemical constituents that could be emitted from lithium-iron phosphate batteries during a thermal runaway event, based on the UL 9540A testing. Because the results from this testing did not show a significant combustion event, this study also extrapolates the data to apply to a full battery unit failure for comparison.

Two separate evaluations were conducted to evaluate potential impacts of toxic air contaminants (TACs) from a thermal runaway event. Each method used 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, and the OEHHA threshold of 1 for the acute hazard quotient. This assessment also

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.

evaluated the potential for a thermal runaway event to cause or contribute to a violation of an ambient air quality standard.

As further discussed herein, emissions calculations indicated that for all of the modeled scenarios, the public health impacts from toxic pollutants associated with the worst-case battery cell malfunction scenario were negligible, below background levels and would be less than significant from a public health perspective.

2 Project Description

The Project proposes to construct a 250-MW BESS facility. The Project would include battery storage containers, inverters and transformers, and an on-site collector substation. The Project would be interconnected at the existing San Diego Gas and Electric (SDG&E) Trabuco to Capistrano 138-kilovolt transmission line located approximately 500 feet from the project site and approximately 90 feet from the project property and would use battery technology to store electrical energy from the grid for future discharge to the grid when customer demand is high and grid supply is low, providing grid reliability support. When built and operational, the Project would accommodate the integration of additional intermittent renewable energy sources, such as wind and solar, reducing the need to operate natural gas power plants.

The Project will incorporate a battery energy storage facility as well as energy storage being housed within the inverters. The batteries would be housed in steel cabinets 7 feet to 9 feet high, and spaced approximately 8 feet apart, to allow efficient airflow between the batteries. The associated, transformers, and switchgear would be located immediately adjacent to the energy storage facilities on concrete pads outdoors.

2.1 Battery Technology Overview

Lithium iron phosphate (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 batteries at the Compass site will be Tesla MP2XL - which is a fully integrated BESS consisting of lithium iron-phosphate (LFP) battery modules, power electronics, control systems, a battery management system, a thermal management system, and an explosion control system all pre-assembled within a single, non-occupiable cabinet. They are approximately 28.9 ft in length, 5.4 ft deep, 9.2 ft in height. This outdoor installation will be ground-mounted to a foundation. The thermal roof (part of the MP2XL's thermal management system) sits above the battery module bays. The LFP batteries are housed inside a one-piece IP66 steel enclosure (battery module bay) that provides protection against particle and water ingress coming into contact with the battery modules and power electronics. This modular, cabinet-style approach allows for the system to be easily maintained and serviced from outside the cabinets (i.e., the battery modules, thermal management system, and power electronics are serviced through doors located on the front of the cabinets or from the top through the thermal roof). Since the BESS cabinets do not permit walk-in access, it is a non-walk-in style (NWI) BESS, they are not defined as occupied buildings or structures per the CFC. Each battery module contains three battery trays, which are arrays of prismatic, lithium iron phosphate (LFP) cells. The LFP cells (the cells) utilized in the MP2XL are individually hermetically sealed.

The Thermal Management System (TMS) provides a suitable operating temperature for MP2XL. The thermal bay and thermal roof house the components of the TMS. The TMS contains a closed-loop liquid cooling system that circulates a 50/50 mixture of ethylene glycol and water throughout the battery modules and power electronics to maintain an optimum battery operating temperature. The TMS works autonomously and does not require user feedback or controls to turn the system on when needed or to adjust temperature settings. The thermal cabinet includes pumps that circulate the liquid coolant through the MP2XL, an in-line heater that can warm the coolant and a compressor that maintains thermal control for the cabinet. The thermal roof, located above the battery bays within its own IP20 enclosure, provides a ventilation airspace for the MP2XL. The MP2XL cabinet, specifically, the IP66 battery bay enclosure, is designed to hold the volume of the solution should a leak occur in the TMS, either in normal operation or during a failure event.

The MP2XL has an integrated Battery Management System (BMS) that tracks the performance, voltage, current, and state of charge of the cells (among many other datapoints). The BMS is a layered system, where each battery module has its own BMS and the MP2XL itself has a bus controller supervising the output of all the battery modules at the AC bus level. The BMS is engineered to react to fault conditions in an autonomous manner, with safeguards built into the firmware. This system can respond to a fault condition and can either prevent thermal runaway from occurring in the cell or prohibit the propagation of thermal runaway to adjacent cells. Depending on the severity of a fault condition, the BMS can automatically isolate the affected battery module temporarily (less severe fault) or it can permanently disconnect the module.

The United States' (US) installations of advanced energy storage — almost entirely lithium-ion battery systems — went beyond 3 gigawatt (GW) / 10.5 gigawatt-hours (GWh) in the second quarter of 2024 according to research firm Wood Mackenzie Power & Renewables' which forecasts, then records and analyses energy storage deployments. The Wood Mackenzie team foresees that the US will add around 12.7GW/36.7GWh for full year 2024 and 74.6GW/251.3GWh for the 2024-2028 period (Utility Dive News, Oct 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 an 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. 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.

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

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.

International Fire Code (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, ventilation specifications.

National Fire Protection Association (NFPA): is an international nonprofit organization devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards.

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, 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): 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 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

There are neighboring uses located near the Project. 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, as identified by the California Air Resources Board (CARB), include children, older adults, and people with cardiovascular and chronic respiratory diseases. According to the South Coast Air Quality Management District (SCAQMD), sensitive receptors include residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993). These uses are considered to be relatively sensitive to poor air quality because children, elderly people, and the infirm are more susceptible to respiratory distress and other air quality related health problems than the general public. Residential areas are considered sensitive to poor air quality because people usually stay home for extended periods of time, with associated greater exposure to ambient air quality. The closest sensitive receptor to the project is a residence located approximately 820 feet from the Project's southern boundary. All other sensitive receptors are further from the Project site. The location of receptors evaluated is included in Attachment C.

5 General Analysis and Methodology

During normal operations, there will be no toxic air emissions from the Project. The BESS would also be equipped with i) monitoring and control systems, ii) fire detection and protection systems, and iii) gas ventilation systems, among others, to prevent, monitor, and/or control any battery cell malfunctions. However, to determine the worst-case public health impacts for this analysis, this report assumes the highly unlikely event of multiple safety and ventilation system failures which do not control the battery cell malfunction. It is also assumed that the battery cell malfunction continues until the reaction ceases once stored energy has been expended.

In the event of a battery cell malfunction, it's 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, 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 with the vicinity of the battery unit. The majority of the battery structure is non-combustible.

To capture a worst-case scenario, it is assumed that the release of specific pollutants to the atmosphere would occur within a relatively short and concentrated period of time (i.e., one hour). Emission rates for each identified pollutant are based on the cell and module level testing data for the proposed BESS equipment. Per the UL9540A testing, emissions are released over the course of approximately two hours. 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) and carbon monoxide (CO), along with lesser amounts of other compounds. Table 1 provides a list of chemical constituents that could be emitted from lithium-iron phosphate batteries during a thermal runaway event, based on the 9540A testing. Two separate evaluations were conducted with respect to evaluating potential impacts of toxic air contaminants (TACs) from a thermal runaway event. Each method used 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, and the OEHHA threshold of 1 for the acute hazard quotient. This assessment also evaluated the potential for a thermal runaway event to cause or contribute to a violation of an ambient air quality standard. The methodology of each is discussed further in this section.

5.1 UL9540A Testing

The applicant proposes to utilize the Tesal Megapack 2XL lithium-iron phosphate BESS, consistent with that evaluated within the Hazard Mitigation Analysis (HMA) for the Project (Fire & Risk Alliance 2024). The 9540 tests showed that in the event of a single battery cell undergoing thermal runaway, there was propagation to all the cells within the tray. However, the unit level test showed that 7 total cells underwent thermal runaway and there was no propagation to other trays in the unit. No external flaming or flame venting occurred during the UL9540A testing at the unit level. Because the module (tray) level test showed propagation to all cells within the tray, this analysis assumes an entire unit (24 modules or 8,064 cells) would be affected (24 times the UL9540A module results), and therefore presents a worst-case analysis (i.e., a multi-battery cell malfunction).

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. Several studies have examined the emissions of pollutants from battery off-gassing situations during thermal runaway events, with some studies examining only the concentration of toxic pollutants and others also examining emission rates. The relevant studies are listed in Attachment B. For lithium-iron phosphate batteries, the UL9540A testing indicated that the primary toxic pollutants could be any of the pollutants listed in Table 1. Based upon recent testing data for representative Project components, seven of these constituents are toxic air contaminants (that have an acute REL or AEGL) that could be potentially released during an accidental event within a BESS that may have an impact on nearby receptors. The toxic air contaminants (TACs) include propane, butane, hexane, benzene, carbon monoxide, and toluene. A higher concentration of TACs were observed at the cell level 9540 testing compared to the module and unit level. Therefore, the cell level concentrations were used to scale up for the unit level analysis. Detailed emission calculations are included in Attachment A.

Table 1. Potential Chemical Constituents Emitted from LFP Batteries

Chemical Formula	Chemical Name
CH ₄	Methane
C ₂ H ₂	Acetylene
C ₂ H ₄	Ethylene
C ₂ H ₆	Ethane
C ₃ H ₆	Propene
C ₃ H ₈	Propane
C ₄ (Total)	N/A
C ₅ (Total)	N/A
C ₆ (Total)	N/A
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
H ₂	Hydrogen
C ₆ H ₆	Benzene
C ₇ H ₈	Toluene
C ₃ H ₆ O ₃	Dimethyl Carbonate
C ₄ H ₈ O ₃	Ethyl Methyl Carbonate

Source: Fire & Risk Alliance 2024.

Notes: N/A = not available

Generally, the battery cell will start to off gas through pressure relief vents (or pouch seams) if the temperature exceeds 120°C (DNV GL 2017); however, the battery will not enter thermal runaway until it exceeds the thermal runaway onset temperature, which is usually between 170°C and 220°C, depending on the cathode chemistry.

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 off-site sensitive receptors. The dispersion modeling was performed using AERMOD Version 24142, which is the model the U.S. Environmental Protection Agency (EPA) approved and the South Coast Air Quality Management District (SCAQMD) recommends for atmospheric dispersion of emissions (SCAQMD n.d.). 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. Principal parameters of AERMOD for the thermal runaway event included the following and are included in Attachment C:

- **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 many sources. The maximum concentrations were determined for the 1-hour averaging period. A separate AERMOD run was performed for the ambient air quality analysis which used the maximum hourly emissions of carbon monoxide (rather than 1 g/s) for the 1-hour and 8-hour averaging periods. Table 2 provides detailed source parameters for modeling emissions with AERMOD. Source parameters were based on information provided by the project applicant and modeling guidance from the SCAQMD and EPA, where applicable (EPA 2015; SCAQMD n.d.).

Table 2. Emission Source Parameters

Source ID	Source Name	Source Type	Source Parameters
STCK1	BESS Container	Point	Base Elevation: 209.71 ft Release Height ^a : 9.14 ft Emission Rate ¹ : 1 g/s Gas Exit Temperature ^b : 1,160 °F Stack Inside Diameter ^a : 1.36 ft Gas Exit Velocity ^b : 0.87 m/s Gas Exit Flow Rate: 248.78 ft ³ /min Variable Emissions Scenario: None

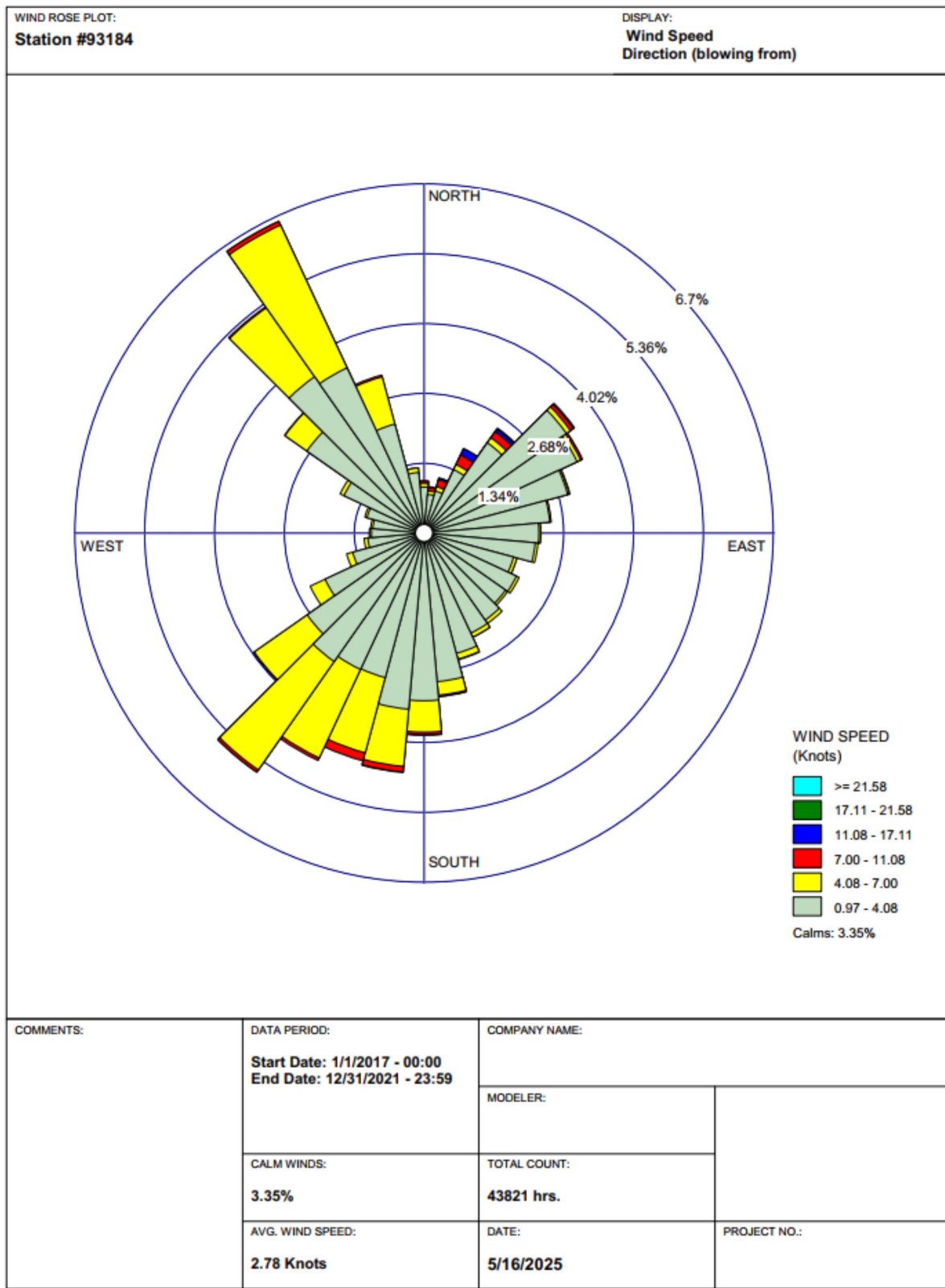
Sources: ^a project applicant; ^b Ramboll 2024.

Notes: ¹ The emission rate of 1 g/s was used for the TAC emission evaluation. The actual emission rate for carbon monoxide was used for the ambient air quality analysis.

ft = feet; ft³/min = cubic feet per minute; ft/s = feet per second; g/s = grams per second; ID = Identification; K = degrees Kelvin and; m = meters.

- **Meteorological Data:** The latest three-year meteorological data (2017-2021) for the Mission Viejo Station were obtained from SCAQMD as the recommended meteorological station and input to AERMOD. A wind rose is provided for this station in Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The urban dispersion option was selected based on the predominant development within 2 kilometers of the project site.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate for the site. This accounts for complex terrain within 2 kilometers of the site. The National Elevation Dataset (NED) dataset with resolution of 1 arc-second was used. The AERMAP terrain preprocessor, which can process U.S. Geological Survey (USGS) Digital Elevation Model (DEM) data and data from the NED, is also used to generate the terrain elevations for the receptor locations. The AERMAP program generates an output file that contains the receptor pathway data for AERMOD.
- **Sensitive Receptors:** Uniform cartesian grids of 25 meter spacing were placed over residential neighborhoods in close proximity to the project site. Discrete receptors were placed over residences and other sensitive receptors proximate to the Project site.

Figure 1. Wind Rose of Meteorological Data



5.4 Exposure Assessment

Under the worst-case scenario, 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 project concentration at the maximally impacted residential receptor (MEIR). The project concentration at the MEIR for each pollutant was then compared to the REL (if available) or the Level 1 AEGL.

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 $\mu\text{g}/\text{m}^3$ divided by the REL, also in units of $\mu\text{g}/\text{m}^3$. The REL is the concentration at or below which no adverse health effects are anticipated. 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. As this is an acute health risk exposure assessment, the maximum 1-hour emission rates from thermal runaway of one unit was assumed. The analysis evaluated impacts at the MEIR.

An assessment was also performed to determine whether a potential thermal runaway event would cause or contribute to an exceedance of an ambient air quality standard. The only criteria air pollutant emitted during a potential thermal runaway event would be carbon monoxide.

6 Significance Criteria

The applicable REL or AEGL (level 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). The state and federal ambient air quality standards are also included for carbon monoxide.

Table 3. Significance Criteria

Chemical Name	REL ($\mu\text{g}/\text{m}^3$)	AEGL ($\mu\text{g}/\text{m}^3$)	Ambient Air Quality Standard ($\mu\text{g}/\text{m}^3$)
Propane	NA	9,920	NA
Butane	NA	13,074	NA
Carbon monoxide	23,000	NA	State 1-hour: 23,000
			Federal 1-hour: 40,000
			State 8-hour: 10,000
			Federal 8-hour: 10,000
Hexane	NA	10,222	NA
Benzene	27	NA	NA
Toluene	5,000	NA	NA

Source: OEHHA 2020; EPA 2024; CARB 2024.

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

7 Results

Table 4 presents the results of the acute exposure results of the thermal runaway scenario of one unit as discussed in the methodology above.

Table 4. Acute Risk Results

Pollutant	Project Concentration ($\mu\text{g}/\text{m}^3$)	REL ($\mu\text{g}/\text{m}^3$)	AEGL ($\mu\text{g}/\text{m}^3$)	Acute Hazard Quotient
Propane	23.26	NA	9,920	NA
Butane	47.78	NA	13,074	NA
Carbon Monoxide	1,253.37	23,000	NA	0.05
Hexane	326.78	NA	10,222	NA
Benzene	0.69	27	NA	0.03
Toluene	0.81	5,000	NA	0.0002
Hazard Index				0.08

Notes: N/A = not applicable; REL = reference exposure level; AEGL = acute exposure guideline levels; $\mu\text{g}/\text{m}^3$ = 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 one unit) would not exceed the REL or AEGL for any pollutant at the MEIR. Similarly, the acute hazard index would not exceed the threshold of 1 at the MEIR. Results at all other receptors are lower than that presented at the MEIR. As such, no adverse health effects are anticipated at the MEIR from exposure to a thermal runaway event. The results from the ambient air quality modeling assessment are presented in Table 5.

Table 5. 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	3,780	1,253.42	5,034	23,000
	Federal	3,780	1,253.42	5,034	40,000
8-hour Carbon Monoxide	State	3,093	654.41	3,748	10,000
	Federal	3,093	654.41	3,748	10,000

Source: See Attachment A.

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

As shown in Table 5, the results of the ambient air quality analysis showed that concentrations at the MEIR would be below the 1-hour and 8-hour carbon monoxide state and federal ambient air quality standards. Therefore, the Project would not cause or contribute to an exceedance of an ambient air quality standard due to thermal runaway of battery modules offsite.

8 Conclusions

As shown in Section 7, the results of the thermal runaway analysis show that emissions from the BESS would not exceed the acute REL, Level 1 AEGL, or hazard index threshold of 1 at the MEIR assuming one unit underwent thermal runaway. The risk calculations are contained in Attachment A and the dispersion modeling outputs are in Attachment C.

The results determined in this analysis reflect conservative estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and SCAQMD tend to over-predict impacts such that they produce conservative (i.e., health-protective) results. Accordingly, the health impacts are not expected to be higher than those estimated in this assessment. Furthermore, the assumption of one unit undergoing a 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 air quality impacts to proximate sensitive receptors.

9 References

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Attachment A

Emission Calculations

Thermal Runaway Emissions - Tesla

TAC Emission Calculations															
				Volume of Gas (L)			Mass for Unit			Mass for Cell			REL		AEGL
Pollutant	Chemical Formula	CAS	Measured %	Cell	Density (kg/m3)	Density (kg/L)	kg	lb	lb/hr	kg	lb	lb/hr	(µg/m3)	AEGL (ppm)	(µg/m3)
Methane	CH4	74-82-8	6.428%	6.00	0.67	0.001	32.306	71.073	38.838	0.00400621	0.001821	0.000995	NA	NA	NA
Acetylene	C2H2	74-86-2	0.264%	0.25	1.09	0.001	2.169	4.772	2.608	0.00026897	0.000122	6.68E-05	NA	NA	NA
Ethylene	C2H4	74-85-1	3.283%	3.06	1.26	0.001	31.122	68.469	37.415	0.00385943	0.001754	0.000959	NA	NA	NA
Ethane	C2H6	74-84-0	1.100%	1.03	1.26	0.001	10.461	23.014	12.576	0.00129724	0.00059	0.000322	NA	NA	NA
Propene	C3H6	115-07-1	0.379%	0.35	1.75	0.002	4.984	10.966	5.992	0.00061811	0.000281	0.000154	NA	NA	NA
Propane	C3H8	74-98-6	0.125%	0.12	1.88	0.002	1.770	3.894	2.128	0.00021949	9.98E-05	5.45E-05	NA	5500	9920
Butane	C4 (Total)	106-97-8	0.190%	0.18	2.5436	0.003	3.636	7.999	4.371	0.0004509	0.000205	0.000112	NA	5500	13074
Pentane	C5 (Total)	109-66-0	0.027%	0.03	626	0.626	127.166	279.765	152.877	0.01576957	0.007168	0.003917	NA	NA	NA
Hexane	C6 (Total)	110-54-3	0.005%	0.00	661	0.661	24.866	54.705	29.893	0.00308357	0.001402	0.000766	NA	2900	10222
Carbon Monoxide	CO	630-08-0	10.881%	10.15	1.17	0.001	95.373	209.821	114.656	0.01182705	0.005376	0.002938	23000	NA	NA
Carbon Dioxide	CO2	124-38-9	27.107%	25.29	1.84	0.002	375.667	826.468	451.622	0.04658571	0.021175	0.011571	NA	NA	NA
Hydrogen	H2	1333-74-0	50.148%	46.79	0.09	0.000	33.919	74.622	40.777	0.00420625	0.001912	0.001045	NA	NA	NA
Benzene	C6H6	71-43-2	0.002%	0.002	3.49	0.003	0.052	0.115	0.0631	6.5049E-06	2.96E-06	1.62E-06	27	NA	NA
Toluene	C7H8	108-88-3	0.002%	0.002	4.11	0.004	0.062	0.1361	0.0744	7.6711E-06	3.49E-06	1.91E-06	5000	NA	NA
Dimethyl Carbonate	C3H6O3	616-38-6	0.055%	0.05	1070.00	1.070	442.770	974.095	532.292	0.05490705	0.024958	0.013638	NA	NA	NA
Ethyl Methyl Carbonate	C4H8O3	623-53-0	0.004%	0.00	1000.00	1.000	30.095	66.209	36.180	0.003732	0.001696	0.000927	NA	NA	NA
Check sum			100.00%	93.30											
			Total Volume of Gas	93.30											

Source: Installation Test Report UL 9540A for Contemporary Amperex Technology Co., Ltd

Number of Cells/Module	112	cells/tray (from UL9450 test data)
Test Duration:	1.83	hours (from UL9450 test data)
	112	cells exhibited thermal runaway of module
	24	modules per unit

Attachment B

Prior Studies on Emissions from Battery Malfunctions

Several studies have examined the emissions of pollutants from battery off-gassing situations during thermal runaway events, with some studies examining only the concentration of toxic pollutants and others also examining emission rates. The relevant studies are listed in Table B-1 below.

Study	Description
ESRG 2023.	Hazard Mitigation Analysis for Tesla Megapack 2/XL
U9540A Unit Test Report for CATL	9540A Testing for Lithium Iron Phosphate Battery Chemistry
Fisher Engineering 2023.	Fire Protection Engineering Analysis
Fisher Engineering 2022.	UL 9540A unit Level Fire Test Analysis.
DNVGL 2017	Measured characteristics of a wide range of battery types and failures

Attachment C

Dispersion Modeling Outputs

Table of Contents

Compass Risk of Upset Acute & AAQA 5.16.25	2
Compass.ADO	3
Compass.sum	90
CompassAAQA.ADO	96
CompassAAQA.sum	227

Compass Energy Storage Project Thermal Runaway Analysis

Table 1. Max Emission Rates (lbs/day) for Project - Unit Level

Max Rates	Propane	Butane	Carbon Monoxide	Hexane	Benzene	Toluene
Hourl Max, g/s	0.268	0.551	14.446	3.766	0.007950	0.009374
Hourly Max lbs/hr	2.13	4.37	114.66	29.89	0.0631	0.07440

Table 2. AERMOD Maximum Impact X/Q, ($\mu\text{g}/\text{m}^3$)/(g/s)

Max 1-Hour
86.76

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

Table 3. Project Contribution Concentrations ($\mu\text{g}/\text{m}^3$)

Pollutant	CAS No.	Hr. Max (g/s)	X/Q ($\mu\text{g}/\text{m}^3$)/(g/s)	Project Concentration ($\mu\text{g}/\text{m}^3$)	REL ($\mu\text{g}/\text{m}^3$)	AEGL ($\mu\text{g}/\text{m}^3$)	Project Exceed REL or AEGL?	Acute Hazard Quotient
		(from Table 1)	(from Table 2)					
Propane	74986	0.268	86.76	23.26	NA	9,920	No	NA
Butane	106978	0.551	86.76	47.78	NA	13,074	No	NA
Carbon Monoxide	630080	14.45	86.76	1,253.37	23,000	NA	No	0.05
Hexane	110543	3.77	86.76	326.78	NA	10,222	No	NA
Benzene	71432	0.007950	86.76	0.690	27	NA	No	0.03
Toluene	108883	0.009374	86.76	0.8133	5,000	NA	No	0.0002
							Hazard Index	0.08

Notes: A threshold of 1 was assumed for the acute hazard index.

Table 4.AAQ for Compass BESS Project

Impact Parameter	Applicable Standard	Project Area Maximum Background Concentration (Years 2021-2023)		Project Contribution ($\mu\text{g}/\text{m}^3$)	Cumulative Concentration ($\mu\text{g}/\text{m}^3$)	AAQS Threshold ($\mu\text{g}/\text{m}^3$)	Exceed AAQS Threshold?
		ppmv	$\mu\text{g}/\text{m}^3$				
1-hour CO	State	3.3	3,780	1253.42	5,034	23,000	No
	Federal	3.3	3,780	1253.42	5,034	40,000	No
8-hour CO	State	2.7	3,093	654.41	3,748	10,000	No
	Federal	2.7	3,093	654.41	3,748	10,000	No

Source:

EPA Monitor Values Report for Anaheim monitoring station. Background value is from 2024, which is the highest value from 2022-2024.

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 5/8/2025
** File: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Compass
BESS\Compass-Risk of Upset\Compass.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\apoll\Desktop\HARP2\HARP\Compass BESS\Compass\Compass.isc
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 3010232
  POLLUTID VARIOUS
  RUNORNOT RUN
  ERRORFIL Compass.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION STCK1      POINT      437108.751   3710629.301      63.920
** Source Parameters **
  SRCPARAM STCK1      1.0      2.786   899.817      0.87   0.414528
  URBANSRC ALL
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING

```

```

    INCLUDED Compass.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
  PROFFILE ..\msvj_sfc_pfl\MSVJ_V11_trimmed.pfl
  SURFDATA 93184 2017
  UAIRDATA 3190 2017
  SITEDATA 60592022 2017
  PROFBASE 168.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST Compass.AD\01H1GALL.PLT 31
  SUMMFILE Compass.sum
OU FINISHED

```

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

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

```

A Total of          0 Fatal Error Message(s)
A Total of          2 Warning Message(s)
A Total of          0 Informational Message(s)

```

```

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

```

```

***** WARNING MESSAGES *****
ME W186      64      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
ME W187      64      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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 URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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: VARIOUS

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1604
Receptor(s)

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

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

**The AERMET Input Meteorological Data Version Date: 22112

**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) = 168.00 ; 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 = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Compass.err

**File for Summary of Results: Compass.sum

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

PAGE 2

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

STACK	STACK	BLDG	URBAN	CAP/	EMIS	RATE	BASE	STACK	STACK
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT	
VEL. DIAMETER	EXISTS	SOURCE HOR	SCALAR	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	
ID	CATS.								
(M/SEC)	(METERS)								

```

STACK1      0  0.10000E+01  437108.8  3710629.3  63.9  2.79  899.82
0.87  0.41  NO  YES  NO
*** AERMOD - VERSION 24142 ***  *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***  05/08/25
*** AERMET - VERSION 22112 ***  ***
*** 15:52:39

```

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

ALL  STACK1  ,
*** AERMOD - VERSION 24142 ***  *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***  05/08/25
*** AERMET - VERSION 22112 ***  ***
*** 15:52:39

```

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN ID URBAN POP

SOURCE IDs

```

3010232.  STACK1  ,
*** AERMOD - VERSION 24142 ***  *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***  05/08/25
*** AERMET - VERSION 22112 ***  ***
*** 15:52:39

```

PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436490.0, 3710238.3, 190.3, 205.1, 0.0);	(436465.0, 3710263.3, 188.6, 204.7, 0.0);
(436490.0, 3710263.3, 189.2, 205.1, 0.0);	(436515.0, 3710263.3, 190.3, 205.1, 0.0);
(436540.0, 3710263.3, 190.8, 205.1, 0.0);	(436465.0, 3710288.3, 187.4, 204.7, 0.0);
(436490.0, 3710288.3, 187.8, 205.1, 0.0);	(436515.0, 3710288.3, 188.4, 205.1, 0.0);
(436540.0, 3710288.3, 188.4, 205.1, 0.0);	(436465.0, 3710313.3, 186.5, 186.5, 0.0);
(436490.0, 3710313.3, 186.8, 204.7, 0.0);	(436515.0, 3710313.3, 187.0, 205.1, 0.0);
(436540.0, 3710313.3, 186.8, 205.1, 0.0);	(436565.0, 3710313.3, 187.1, 205.1, 0.0);
(436415.0, 3710338.3, 183.7, 185.7, 0.0);	(436440.0, 3710338.3, 185.8, 185.8, 0.0);
(436465.0, 3710338.3, 185.9, 185.9, 0.0);	(436490.0, 3710338.3, 186.2, 204.7, 0.0);
(436515.0, 3710338.3, 186.5, 204.7, 0.0);	(436540.0, 3710338.3, 186.5, 205.1, 0.0);
(436565.0, 3710338.3, 186.5, 205.1, 0.0);	(436315.0, 3710363.3, 180.6, 180.6, 0.0);
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(436440.0, 3710363.3, 185.7, 185.7, 0.0);	(436465.0, 3710363.3, 185.7, 185.7, 0.0);
(436490.0, 3710363.3, 186.0, 186.0, 0.0);	(436515.0, 3710363.3, 186.3, 186.3, 0.0);
(436540.0, 3710363.3, 186.1, 204.7, 0.0);	(436290.0, 3710388.3, 181.7, 181.7, 0.0);
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(436390.0, 3710388.3, 182.6, 182.6, 0.0);	(436390.0, 3710388.3, 183.6, 183.6, 0.0);
(436440.0, 3710388.3, 184.5, 184.5, 0.0);	(436440.0, 3710388.3, 185.7, 185.7, 0.0);
(436490.0, 3710388.3, 185.7, 185.7, 0.0);	(436490.0, 3710388.3, 185.7, 185.7, 0.0);
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(436340.0, 3710413.3, 183.6, 183.6, 0.0);	(436365.0, 3710413.3, 183.9, 183.9, 0.0);

```

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( 436315.0, 3710488.3, 186.0, 186.0, 0.0); ( 436340.0,
3710488.3, 186.2, 186.2, 0.0);
( 436365.0, 3710488.3, 186.0, 186.0, 0.0); ( 436390.0,
3710488.3, 185.2, 185.2, 0.0);
( 436415.0, 3710488.3, 184.8, 184.8, 0.0); ( 436440.0,
3710488.3, 185.1, 185.1, 0.0);
( 436465.0, 3710488.3, 185.2, 185.2, 0.0); ( 436490.0,
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( 436240.0, 3710513.3, 183.2, 183.2, 0.0); ( 436265.0,
3710513.3, 184.8, 184.8, 0.0);
( 436290.0, 3710513.3, 185.7, 185.7, 0.0); ( 436315.0,
3710513.3, 186.0, 186.0, 0.0);
( 436340.0, 3710513.3, 186.2, 186.2, 0.0); ( 436365.0,
3710513.3, 185.9, 185.9, 0.0);
( 436390.0, 3710513.3, 185.0, 185.0, 0.0); ( 436415.0,
3710513.3, 184.8, 184.8, 0.0);
( 436440.0, 3710513.3, 185.3, 185.3, 0.0); ( 436465.0,
3710513.3, 185.1, 185.1, 0.0);
( 436490.0, 3710513.3, 185.4, 185.4, 0.0); ( 436240.0,
3710538.3, 180.7, 185.5, 0.0);

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▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***

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*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436265.0, 3710538.3, 182.0, 185.5, 0.0);	(436290.0,
3710538.3, 183.4, 183.4, 0.0);	
(436315.0, 3710538.3, 184.8, 184.8, 0.0);	(436340.0,
3710538.3, 185.8, 185.8, 0.0);	
(436365.0, 3710538.3, 185.9, 185.9, 0.0);	(436390.0,
3710538.3, 184.7, 184.7, 0.0);	
(436415.0, 3710538.3, 184.4, 184.4, 0.0);	(436440.0,
3710538.3, 184.9, 184.9, 0.0);	
(436465.0, 3710538.3, 184.8, 184.8, 0.0);	(436490.0,
3710538.3, 185.3, 185.3, 0.0);	
(436515.0, 3710538.3, 185.7, 185.7, 0.0);	(436215.0,
3710563.3, 179.0, 179.0, 0.0);	
(436240.0, 3710563.3, 179.5, 179.5, 0.0);	(436265.0,
3710563.3, 180.2, 185.5, 0.0);	
(436290.0, 3710563.3, 181.2, 183.6, 0.0);	(436315.0,
3710563.3, 182.5, 185.4, 0.0);	
(436340.0, 3710563.3, 183.7, 186.4, 0.0);	(436365.0,
3710563.3, 184.4, 186.4, 0.0);	
(436390.0, 3710563.3, 183.9, 183.9, 0.0);	(436415.0,
3710563.3, 183.7, 183.7, 0.0);	
(436440.0, 3710563.3, 184.3, 184.3, 0.0);	(436465.0,
3710563.3, 184.1, 184.1, 0.0);	
(436490.0, 3710563.3, 184.6, 184.6, 0.0);	(436515.0,
3710563.3, 185.0, 185.0, 0.0);	
(436540.0, 3710563.3, 185.0, 185.0, 0.0);	(436215.0,
3710588.3, 179.1, 179.1, 0.0);	
(436240.0, 3710588.3, 179.5, 179.5, 0.0);	(436265.0,
3710588.3, 179.7, 179.7, 0.0);	
(436290.0, 3710588.3, 180.0, 180.0, 0.0);	(436315.0,
3710588.3, 180.5, 185.4, 0.0);	
(436340.0, 3710588.3, 181.3, 186.4, 0.0);	(436365.0,
3710588.3, 182.2, 186.4, 0.0);	
(436390.0, 3710588.3, 182.6, 182.6, 0.0);	(436415.0,
3710588.3, 182.9, 182.9, 0.0);	
(436440.0, 3710588.3, 183.5, 183.5, 0.0);	(436465.0,
3710588.3, 183.3, 183.3, 0.0);	
(436490.0, 3710588.3, 183.6, 183.6, 0.0);	(436515.0,
3710588.3, 183.9, 183.9, 0.0);	
(436540.0, 3710588.3, 183.9, 183.9, 0.0);	(436565.0,
3710588.3, 184.0, 184.0, 0.0);	
(436215.0, 3710613.3, 179.0, 179.0, 0.0);	(436240.0,
3710613.3, 179.6, 179.6, 0.0);	

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( 436265.0, 3710613.3, 179.9, 179.9, 0.0); ( 436290.0,
3710613.3, 180.1, 180.1, 0.0);
( 436315.0, 3710613.3, 180.2, 180.2, 0.0); ( 436340.0,
3710613.3, 180.3, 180.3, 0.0);
( 436365.0, 3710613.3, 180.6, 180.6, 0.0); ( 436390.0,
3710613.3, 181.2, 181.2, 0.0);
( 436415.0, 3710613.3, 181.9, 181.9, 0.0); ( 436440.0,
3710613.3, 182.7, 182.7, 0.0);
( 436465.0, 3710613.3, 182.5, 182.5, 0.0); ( 436490.0,
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( 436515.0, 3710613.3, 183.2, 183.2, 0.0); ( 436540.0,
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( 436565.0, 3710613.3, 183.5, 183.5, 0.0); ( 436215.0,
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( 436240.0, 3710638.3, 179.2, 179.2, 0.0); ( 436265.0,
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( 436290.0, 3710638.3, 179.9, 179.9, 0.0); ( 436315.0,
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( 436340.0, 3710638.3, 180.2, 180.2, 0.0); ( 436365.0,
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( 436390.0, 3710638.3, 180.2, 180.2, 0.0); ( 436415.0,
3710638.3, 180.6, 180.6, 0.0);
( 436440.0, 3710638.3, 181.7, 181.7, 0.0); ( 436465.0,
3710638.3, 181.5, 181.5, 0.0);
( 436490.0, 3710638.3, 182.3, 182.3, 0.0); ( 436515.0,
3710638.3, 182.8, 182.8, 0.0);
( 436540.0, 3710638.3, 182.8, 182.8, 0.0); ( 436565.0,
3710638.3, 182.9, 182.9, 0.0);
( 436215.0, 3710663.3, 178.2, 178.2, 0.0); ( 436240.0,
3710663.3, 178.4, 178.4, 0.0);
( 436265.0, 3710663.3, 178.4, 178.4, 0.0); ( 436290.0,
3710663.3, 179.0, 179.0, 0.0);
( 436315.0, 3710663.3, 179.5, 179.5, 0.0); ( 436340.0,
3710663.3, 179.5, 179.5, 0.0);
( 436365.0, 3710663.3, 179.4, 179.4, 0.0); ( 436390.0,
3710663.3, 178.9, 178.9, 0.0);
( 436415.0, 3710663.3, 179.0, 179.0, 0.0); ( 436440.0,
3710663.3, 180.0, 180.0, 0.0);
( 436465.0, 3710663.3, 179.6, 179.6, 0.0); ( 436490.0,
3710663.3, 179.2, 182.8, 0.0);
( 436515.0, 3710663.3, 179.2, 182.8, 0.0); ( 436540.0,
3710663.3, 179.2, 182.9, 0.0);
( 436565.0, 3710663.3, 179.3, 185.9, 0.0); ( 436215.0,
3710688.3, 177.4, 177.4, 0.0);
( 436240.0, 3710688.3, 177.4, 177.4, 0.0); ( 436265.0,
3710688.3, 177.3, 177.3, 0.0);
( 436290.0, 3710688.3, 177.9, 177.9, 0.0); ( 436315.0,
3710688.3, 178.6, 178.6, 0.0);

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*** AERMET - VERSION 22112 *** ***

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PAGE 7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436340.0, 3710688.3, 178.5, 178.5, 0.0);	(436365.0,
3710688.3, 178.4, 178.4, 0.0);	
(436390.0, 3710688.3, 177.3, 177.3, 0.0);	(436415.0,
3710688.3, 177.1, 177.1, 0.0);	
(436440.0, 3710688.3, 177.9, 177.9, 0.0);	(436465.0,
3710688.3, 177.4, 177.4, 0.0);	
(436490.0, 3710688.3, 177.2, 182.8, 0.0);	(436515.0,
3710688.3, 177.5, 182.8, 0.0);	
(436540.0, 3710688.3, 177.6, 182.7, 0.0);	(436565.0,
3710688.3, 177.9, 185.3, 0.0);	
(436215.0, 3710713.3, 176.4, 176.4, 0.0);	(436240.0,
3710713.3, 176.3, 176.3, 0.0);	
(436265.0, 3710713.3, 176.1, 176.1, 0.0);	(436290.0,
3710713.3, 176.7, 176.7, 0.0);	
(436315.0, 3710713.3, 177.5, 177.5, 0.0);	(436340.0,
3710713.3, 177.4, 177.4, 0.0);	
(436365.0, 3710713.3, 177.2, 177.2, 0.0);	(436390.0,
3710713.3, 175.6, 175.6, 0.0);	
(436415.0, 3710713.3, 175.0, 175.0, 0.0);	(436440.0,
3710713.3, 175.6, 176.8, 0.0);	
(436465.0, 3710713.3, 175.2, 175.2, 0.0);	(436490.0,
3710713.3, 175.9, 175.9, 0.0);	
(436515.0, 3710713.3, 176.8, 176.8, 0.0);	(436540.0,
3710713.3, 177.1, 177.1, 0.0);	
(436565.0, 3710713.3, 177.3, 177.3, 0.0);	(436215.0,
3710738.3, 175.4, 175.4, 0.0);	
(436240.0, 3710738.3, 175.2, 175.2, 0.0);	(436265.0,
3710738.3, 174.9, 174.9, 0.0);	
(436290.0, 3710738.3, 175.5, 175.5, 0.0);	(436315.0,
3710738.3, 176.2, 176.2, 0.0);	
(436340.0, 3710738.3, 176.3, 176.3, 0.0);	(436365.0,
3710738.3, 176.0, 176.8, 0.0);	
(436390.0, 3710738.3, 173.6, 176.8, 0.0);	(436415.0,
3710738.3, 172.7, 172.7, 0.0);	
(436440.0, 3710738.3, 173.1, 173.1, 0.0);	(436465.0,
3710738.3, 172.8, 172.8, 0.0);	
(436490.0, 3710738.3, 174.1, 174.9, 0.0);	(436515.0,
3710738.3, 175.2, 176.3, 0.0);	
(436540.0, 3710738.3, 175.9, 177.0, 0.0);	(436215.0,
3710763.3, 174.4, 174.4, 0.0);	

(436240.0, 3710763.3, 174.2, 174.2,	0.0);	(436265.0,
3710763.3, 174.2, 174.2, 0.0);		
(436290.0, 3710763.3, 174.7, 174.7,	0.0);	(436315.0,
3710763.3, 175.3, 175.3, 0.0);		
(436340.0, 3710763.3, 175.6, 175.6,	0.0);	(436365.0,
3710763.3, 174.6, 175.4, 0.0);		
(436390.0, 3710763.3, 171.2, 176.8,	0.0);	(436415.0,
3710763.3, 170.3, 176.8, 0.0);		
(436440.0, 3710763.3, 170.9, 170.9,	0.0);	(436465.0,
3710763.3, 170.6, 174.9, 0.0);		
(436490.0, 3710763.3, 170.7, 177.0,	0.0);	(436515.0,
3710763.3, 171.1, 177.0, 0.0);		
(436540.0, 3710763.3, 171.9, 177.0,	0.0);	(436215.0,
3710788.3, 173.3, 173.3, 0.0);		
(436240.0, 3710788.3, 172.5, 172.5,	0.0);	(436265.0,
3710788.3, 171.6, 171.6, 0.0);		
(436290.0, 3710788.3, 171.0, 175.2,	0.0);	(436315.0,
3710788.3, 170.5, 176.4, 0.0);		
(436340.0, 3710788.3, 169.9, 176.8,	0.0);	(436365.0,
3710788.3, 168.8, 178.1, 0.0);		
(436390.0, 3710788.3, 167.5, 178.1,	0.0);	(436415.0,
3710788.3, 168.0, 176.8, 0.0);		
(436440.0, 3710788.3, 169.6, 169.6,	0.0);	(436465.0,
3710788.3, 169.6, 169.6, 0.0);		
(436490.0, 3710788.3, 169.6, 176.3,	0.0);	(436515.0,
3710788.3, 169.9, 177.0, 0.0);		
(436540.0, 3710788.3, 170.5, 177.0,	0.0);	(436215.0,
3710813.3, 168.1, 174.3, 0.0);		
(436240.0, 3710813.3, 165.8, 177.0,	0.0);	(436265.0,
3710813.3, 164.1, 179.3, 0.0);		
(436290.0, 3710813.3, 163.4, 179.4,	0.0);	(436315.0,
3710813.3, 163.2, 179.4, 0.0);		
(436340.0, 3710813.3, 163.4, 179.4,	0.0);	(436365.0,
3710813.3, 163.7, 179.4, 0.0);		
(436390.0, 3710813.3, 164.5, 179.6,	0.0);	(436415.0,
3710813.3, 165.8, 176.8, 0.0);		
(436440.0, 3710813.3, 168.6, 168.6,	0.0);	(436465.0,
3710813.3, 169.0, 169.0, 0.0);		
(436490.0, 3710813.3, 169.2, 169.2,	0.0);	(436515.0,
3710813.3, 169.7, 169.7, 0.0);		
(436540.0, 3710813.3, 170.0, 170.0,	0.0);	(436240.0,
3710838.3, 158.2, 180.2, 0.0);		
(436265.0, 3710838.3, 157.2, 180.2,	0.0);	(436290.0,
3710838.3, 157.4, 180.2, 0.0);		
(436315.0, 3710838.3, 158.3, 181.6,	0.0);	(436340.0,
3710838.3, 159.5, 181.6, 0.0);		
(436365.0, 3710838.3, 160.8, 179.6,	0.0);	(436240.0,
3710863.3, 152.8, 180.3, 0.0);		
(436265.0, 3710863.3, 153.6, 180.3,	0.0);	(436290.0,
3710863.3, 155.0, 180.2, 0.0);		

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
 BESS\Compass\Compass.isc *** 05/08/25
 *** AERMET - VERSION 22112 *** ***
 *** 15:52:39

PAGE 8

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436315.0, 3710863.3, 156.8, 180.2, 0.0);	(436340.0,
3710863.3, 158.4, 179.4, 0.0);	
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3710888.3, 151.9, 180.2, 0.0);	
(436290.0, 3710888.3, 153.6, 180.2, 0.0);	(436315.0,
3710888.3, 155.8, 179.4, 0.0);	
(436340.0, 3710888.3, 157.0, 179.4, 0.0);	(436240.0,
3710913.3, 150.4, 180.2, 0.0);	
(436265.0, 3710913.3, 150.5, 180.2, 0.0);	(436290.0,
3710913.3, 151.0, 180.2, 0.0);	
(436315.0, 3710913.3, 151.1, 181.6, 0.0);	(436340.0,
3710913.3, 150.6, 182.9, 0.0);	
(436240.0, 3710938.3, 149.8, 179.4, 0.0);	(436265.0,
3710938.3, 149.3, 180.2, 0.0);	
(436290.0, 3710938.3, 148.8, 180.2, 0.0);	(436315.0,
3710938.3, 148.0, 181.6, 0.0);	
(436340.0, 3710938.3, 147.4, 182.9, 0.0);	(436265.0,
3710963.3, 148.9, 179.3, 0.0);	
(436290.0, 3710963.3, 147.8, 180.2, 0.0);	(436315.0,
3710963.3, 146.7, 181.6, 0.0);	
(436340.0, 3710963.3, 146.2, 182.2, 0.0);	(436365.0,
3710963.3, 147.5, 182.2, 0.0);	
(436265.0, 3710988.3, 148.3, 178.2, 0.0);	(436290.0,
3710988.3, 146.8, 179.4, 0.0);	
(436315.0, 3710988.3, 145.8, 179.4, 0.0);	(436340.0,
3710988.3, 145.6, 179.6, 0.0);	
(436365.0, 3710988.3, 146.2, 179.6, 0.0);	(436390.0,
3710988.3, 146.5, 181.6, 0.0);	
(436415.0, 3710988.3, 142.8, 185.9, 0.0);	(436440.0,
3710988.3, 139.0, 186.9, 0.0);	
(436265.0, 3711013.3, 145.9, 178.2, 0.0);	(436290.0,
3711013.3, 144.0, 179.4, 0.0);	
(436315.0, 3711013.3, 143.4, 179.4, 0.0);	(436340.0,
3711013.3, 143.9, 179.6, 0.0);	
(436365.0, 3711013.3, 144.3, 179.6, 0.0);	(436390.0,
3711013.3, 143.5, 182.2, 0.0);	
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3711013.3, 138.2, 186.8, 0.0);	

(436265.0, 3711038.3, 138.9, 180.2,	0.0);	(436290.0,
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(436315.0, 3711038.3, 137.8, 182.9,	0.0);	(436340.0,
3711038.3, 139.6, 182.2, 0.0);		
(436365.0, 3711038.3, 141.6, 179.6,	0.0);	(436390.0,
3711038.3, 140.7, 182.8, 0.0);		
(436415.0, 3711038.3, 138.6, 185.9,	0.0);	(436440.0,
3711038.3, 137.9, 186.8, 0.0);		
(436465.0, 3711038.3, 136.9, 186.8,	0.0);	(436265.0,
3711063.3, 136.4, 180.2, 0.0);		
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3711063.3, 136.5, 181.6, 0.0);		
(436340.0, 3711063.3, 137.9, 181.6,	0.0);	(436365.0,
3711063.3, 139.4, 179.6, 0.0);		
(436390.0, 3711063.3, 139.0, 181.6,	0.0);	(436415.0,
3711063.3, 138.3, 185.3, 0.0);		
(436440.0, 3711063.3, 137.9, 185.9,	0.0);	(436465.0,
3711063.3, 137.2, 185.9, 0.0);		
(436490.0, 3711063.3, 137.0, 186.8,	0.0);	(436290.0,
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(436315.0, 3711088.3, 135.4, 180.2,	0.0);	(436340.0,
3711088.3, 136.4, 179.6, 0.0);		
(436365.0, 3711088.3, 137.7, 178.2,	0.0);	(436390.0,
3711088.3, 138.2, 178.2, 0.0);		
(436415.0, 3711088.3, 138.1, 179.7,	0.0);	(436440.0,
3711088.3, 137.9, 183.8, 0.0);		
(436465.0, 3711088.3, 137.5, 185.3,	0.0);	(436490.0,
3711088.3, 138.7, 183.8, 0.0);		
(436365.0, 3711113.3, 136.5, 178.2,	0.0);	(436390.0,
3711113.3, 137.7, 176.8, 0.0);		
(436415.0, 3711113.3, 138.0, 176.8,	0.0);	(436440.0,
3711113.3, 137.9, 176.8, 0.0);		
(436465.0, 3711113.3, 138.4, 179.7,	0.0);	(436490.0,
3711113.3, 142.2, 169.4, 0.0);		
(436515.0, 3711113.3, 147.6, 168.5,	0.0);	(436415.0,
3711138.3, 137.8, 169.4, 0.0);		
(436440.0, 3711138.3, 138.0, 169.4,	0.0);	(436465.0,
3711138.3, 140.1, 169.4, 0.0);		
(436490.0, 3711138.3, 147.1, 168.5,	0.0);	(436515.0,
3711138.3, 154.4, 168.5, 0.0);		
(436440.0, 3711163.3, 138.6, 169.4,	0.0);	(436465.0,
3711163.3, 143.6, 169.4, 0.0);		
(436490.0, 3711163.3, 152.1, 168.5,	0.0);	(436515.0,
3711163.3, 159.3, 165.5, 0.0);		
(436465.0, 3711188.3, 147.7, 168.5,	0.0);	(436490.0,
3711188.3, 155.8, 165.5, 0.0);		
(436515.0, 3711188.3, 162.3, 165.3,	0.0);	(436540.0,
3711188.3, 164.8, 164.8, 0.0);		
(436465.0, 3711213.3, 149.1, 168.5,	0.0);	(436490.0,
3711213.3, 158.1, 165.3, 0.0);		

```

      ( 436515.0, 3711213.3,    163.7,    163.7,    0.0);      ( 436540.0,
3711213.3,    164.8,    164.8,    0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***      05/08/25
*** AERMET - VERSION 22112 *** ***
***      15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

      ( 436565.0, 3711213.3,    165.3,    165.3,    0.0);      ( 436590.0,
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      ( 436615.0, 3711213.3,    165.9,    165.9,    0.0);      ( 436465.0,
3711238.3,    149.0,    168.5,    0.0);
      ( 436490.0, 3711238.3,    159.0,    164.6,    0.0);      ( 436515.0,
3711238.3,    163.8,    163.8,    0.0);
      ( 436540.0, 3711238.3,    164.2,    164.2,    0.0);      ( 436565.0,
3711238.3,    165.1,    165.1,    0.0);
      ( 436590.0, 3711238.3,    165.7,    165.7,    0.0);      ( 436615.0,
3711238.3,    165.6,    165.6,    0.0);
      ( 436640.0, 3711238.3,    165.9,    165.9,    0.0);      ( 436490.0,
3711263.3,    158.7,    164.5,    0.0);
      ( 436515.0, 3711263.3,    163.2,    163.2,    0.0);      ( 436540.0,
3711263.3,    163.6,    163.6,    0.0);
      ( 436565.0, 3711263.3,    164.6,    164.6,    0.0);      ( 436590.0,
3711263.3,    165.2,    165.2,    0.0);
      ( 436615.0, 3711263.3,    165.4,    165.4,    0.0);      ( 436640.0,
3711263.3,    165.5,    165.5,    0.0);
      ( 436490.0, 3711288.3,    157.3,    164.5,    0.0);      ( 436515.0,
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      ( 436540.0, 3711288.3,    162.8,    162.8,    0.0);      ( 436565.0,
3711288.3,    163.1,    163.1,    0.0);
      ( 436590.0, 3711288.3,    164.0,    164.0,    0.0);      ( 436615.0,
3711288.3,    165.1,    165.1,    0.0);
      ( 436640.0, 3711288.3,    165.1,    165.1,    0.0);      ( 436490.0,
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      ( 436515.0, 3711313.3,    157.3,    165.3,    0.0);      ( 436540.0,
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      ( 436565.0, 3711313.3,    161.9,    161.9,    0.0);      ( 436590.0,
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      ( 436615.0, 3711313.3,    164.0,    164.0,    0.0);      ( 436640.0,
3711313.3,    164.7,    164.7,    0.0);
      ( 436665.0, 3711313.3,    165.0,    165.0,    0.0);      ( 436490.0,
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      ( 436515.0, 3711338.3,    154.0,    165.7,    0.0);      ( 436540.0,
3711338.3,    155.5,    165.7,    0.0);

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3711363.3, 156.8, 164.3, 0.0);		
(436590.0, 3711363.3, 160.8, 160.8,	0.0);	(436615.0,
3711363.3, 162.3, 162.3, 0.0);		
(436640.0, 3711363.3, 163.8, 163.8,	0.0);	(436665.0,
3711363.3, 164.2, 164.2, 0.0);		
(436515.0, 3711388.3, 152.6, 162.9,	0.0);	(436540.0,
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(436565.0, 3711413.3, 154.5, 164.1,	0.0);	(436590.0,
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(436615.0, 3711413.3, 161.4, 161.4,	0.0);	(436640.0,
3711413.3, 162.8, 162.8, 0.0);		
(436665.0, 3711413.3, 163.2, 163.2,	0.0);	(436690.0,
3711413.3, 163.8, 168.7, 0.0);		
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(436565.0, 3711438.3, 153.9, 163.4,	0.0);	(436590.0,
3711438.3, 158.8, 160.2, 0.0);		
(436615.0, 3711438.3, 161.0, 161.0,	0.0);	(436640.0,
3711438.3, 162.4, 162.4, 0.0);		
(436665.0, 3711438.3, 162.7, 162.7,	0.0);	(436690.0,
3711438.3, 163.2, 168.7, 0.0);		
(436515.0, 3711463.3, 151.5, 160.2,	0.0);	(436540.0,
3711463.3, 152.4, 175.3, 0.0);		
(436565.0, 3711463.3, 154.1, 175.3,	0.0);	(436590.0,
3711463.3, 158.3, 159.4, 0.0);		
(436615.0, 3711463.3, 160.4, 160.4,	0.0);	(436640.0,
3711463.3, 161.7, 161.7, 0.0);		
(436665.0, 3711463.3, 162.2, 162.2,	0.0);	(436690.0,
3711463.3, 162.8, 173.4, 0.0);		
(436515.0, 3711488.3, 152.1, 159.8,	0.0);	(436540.0,
3711488.3, 153.6, 175.3, 0.0);		
(436565.0, 3711488.3, 155.4, 175.3,	0.0);	(436590.0,
3711488.3, 158.0, 175.3, 0.0);		
(436615.0, 3711488.3, 160.0, 175.3,	0.0);	(436640.0,
3711488.3, 161.6, 175.3, 0.0);		

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      ( 436665.0, 3711488.3,    162.2,    175.3,    0.0);      ( 436690.0,
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      ( 436515.0, 3711513.3,    155.1,    159.4,    0.0);      ( 436540.0,
3711513.3,    156.3,    159.4,    0.0);
▲ *** AERMOD - VERSION 24142 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***      05/08/25
*** AERMET - VERSION 22112 ***      ***
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15:52:39

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

      ( 436565.0, 3711513.3,    157.3,    175.3,    0.0);      ( 436590.0,
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      ( 436615.0, 3711513.3,    160.0,    175.3,    0.0);      ( 436640.0,
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      ( 436665.0, 3711513.3,    162.8,    175.3,    0.0);      ( 436515.0,
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      ( 436540.0, 3711538.3,    159.4,    159.4,    0.0);      ( 436565.0,
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      ( 436590.0, 3711538.3,    158.9,    175.3,    0.0);      ( 436615.0,
3711538.3,    160.4,    175.3,    0.0);
      ( 436640.0, 3711538.3,    162.8,    175.3,    0.0);      ( 436665.0,
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      ( 436515.0, 3711563.3,    159.8,    159.8,    0.0);      ( 436540.0,
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      ( 436565.0, 3711563.3,    159.5,    159.5,    0.0);      ( 436590.0,
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      ( 436615.0, 3711563.3,    160.8,    175.3,    0.0);      ( 436640.0,
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      ( 436665.0, 3711563.3,    163.9,    175.6,    0.0);      ( 436515.0,
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      ( 436540.0, 3711588.3,    160.1,    160.1,    0.0);      ( 436565.0,
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      ( 436590.0, 3711588.3,    160.3,    175.3,    0.0);      ( 436615.0,
3711588.3,    161.0,    175.6,    0.0);
      ( 436640.0, 3711588.3,    162.8,    175.6,    0.0);      ( 436665.0,
3711588.3,    163.6,    175.6,    0.0);
      ( 436515.0, 3711613.3,    160.9,    160.9,    0.0);      ( 436540.0,
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      ( 436565.0, 3711613.3,    161.0,    161.0,    0.0);      ( 436590.0,
3711613.3,    160.8,    175.3,    0.0);
      ( 436615.0, 3711613.3,    161.1,    175.6,    0.0);      ( 436640.0,
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      ( 436515.0, 3711638.3,    161.6,    161.6,    0.0);      ( 436540.0,
3711638.3,    161.6,    161.6,    0.0);

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3711638.3, 161.9, 175.6, 0.0);		
(436665.0, 3711638.3, 161.7, 175.6,	0.0);	(436540.0,
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3711663.3, 161.4, 161.4, 0.0);		
(436615.0, 3711663.3, 161.4, 175.3,	0.0);	(436640.0,
3711663.3, 161.6, 175.6, 0.0);		
(436665.0, 3711663.3, 160.7, 175.6,	0.0);	(436540.0,
3711688.3, 161.8, 161.8, 0.0);		
(436565.0, 3711688.3, 161.7, 161.7,	0.0);	(436590.0,
3711688.3, 161.7, 161.7, 0.0);		
(436615.0, 3711688.3, 161.6, 161.6,	0.0);	(436640.0,
3711688.3, 161.6, 175.6, 0.0);		
(436665.0, 3711688.3, 160.1, 175.6,	0.0);	(436540.0,
3711713.3, 161.3, 161.3, 0.0);		
(436565.0, 3711713.3, 160.6, 160.6,	0.0);	(436590.0,
3711713.3, 161.0, 161.0, 0.0);		
(436615.0, 3711713.3, 161.6, 161.6,	0.0);	(436640.0,
3711713.3, 161.8, 161.8, 0.0);		
(436665.0, 3711713.3, 160.1, 175.6,	0.0);	(436690.0,
3711713.3, 156.6, 175.6, 0.0);		
(436565.0, 3711738.3, 155.3, 161.8,	0.0);	(436590.0,
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(436615.0, 3711738.3, 158.7, 161.8,	0.0);	(436640.0,
3711738.3, 159.2, 175.6, 0.0);		
(436665.0, 3711738.3, 156.8, 175.6,	0.0);	(436690.0,
3711738.3, 153.5, 175.6, 0.0);		
(436715.0, 3711738.3, 151.7, 175.6,	0.0);	(436565.0,
3711763.3, 151.4, 175.6, 0.0);		
(436590.0, 3711763.3, 152.2, 175.6,	0.0);	(436615.0,
3711763.3, 153.9, 175.6, 0.0);		
(436640.0, 3711763.3, 154.2, 175.6,	0.0);	(436665.0,
3711763.3, 152.5, 175.6, 0.0);		
(436690.0, 3711763.3, 150.5, 175.6,	0.0);	(436715.0,
3711763.3, 149.7, 175.6, 0.0);		
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3711788.3, 150.1, 175.6, 0.0);		
(436640.0, 3711788.3, 150.0, 175.6,	0.0);	(436665.0,
3711788.3, 149.3, 175.6, 0.0);		
(436690.0, 3711788.3, 148.6, 175.6,	0.0);	(436715.0,
3711788.3, 148.2, 175.6, 0.0);		
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3711813.3, 149.3, 175.6, 0.0);		
(436615.0, 3711813.3, 149.1, 175.6,	0.0);	(436640.0,
3711813.3, 148.8, 175.6, 0.0);		

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      ( 436665.0, 3711813.3,    148.5,    175.6,    0.0);      ( 436690.0,
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      ( 436715.0, 3711813.3,    147.3,    175.6,    0.0);      ( 436740.0,
3711813.3,    146.2,    175.6,    0.0);
      ( 436765.0, 3711813.3,    145.1,    175.6,    0.0);      ( 436590.0,
3711838.3,    148.7,    175.6,    0.0);

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▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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```

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3711838.3,    148.0,    175.6,    0.0);
      ( 436715.0, 3711838.3,    146.7,    175.6,    0.0);      ( 436740.0,
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      ( 436765.0, 3711838.3,    144.2,    175.6,    0.0);      ( 436790.0,
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      ( 436615.0, 3711863.3,    147.5,    175.6,    0.0);      ( 436640.0,
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      ( 436665.0, 3711863.3,    145.9,    175.6,    0.0);      ( 436690.0,
3711863.3,    145.8,    175.6,    0.0);
      ( 436715.0, 3711863.3,    145.4,    175.6,    0.0);      ( 436740.0,
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      ( 436765.0, 3711863.3,    143.8,    175.6,    0.0);      ( 436790.0,
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      ( 436615.0, 3711888.3,    144.7,    175.6,    0.0);      ( 436640.0,
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      ( 436665.0, 3711888.3,    144.0,    175.6,    0.0);      ( 436690.0,
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      ( 436715.0, 3711888.3,    144.0,    175.6,    0.0);      ( 436740.0,
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      ( 436765.0, 3711888.3,    143.2,    175.6,    0.0);      ( 436790.0,
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      ( 436690.0, 3711913.3,    143.2,    175.6,    0.0);      ( 436715.0,
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      ( 436740.0, 3711913.3,    142.9,    175.6,    0.0);      ( 436765.0,
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      ( 436790.0, 3711913.3,    142.4,    175.6,    0.0);      ( 436640.0,
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(436740.0, 3711988.3, 140.9, 140.9,	0.0);	(436765.0,
3711988.3, 141.7, 141.7, 0.0);		
(436790.0, 3711988.3, 142.1, 142.1,	0.0);	(436815.0,
3711988.3, 141.9, 141.9, 0.0);		
(436690.0, 3712013.3, 139.1, 139.1,	0.0);	(436715.0,
3712013.3, 139.7, 139.7, 0.0);		
(436740.0, 3712013.3, 140.7, 140.7,	0.0);	(436765.0,
3712013.3, 142.0, 142.0, 0.0);		
(436790.0, 3712013.3, 142.8, 142.8,	0.0);	(436815.0,
3712013.3, 143.2, 143.2, 0.0);		
(436715.0, 3712038.3, 140.0, 140.0,	0.0);	(436740.0,
3712038.3, 140.7, 140.7, 0.0);		
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(436765.0, 3712088.3, 142.3, 142.3,	0.0);	(436790.0,
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(436815.0, 3712088.3, 145.3, 145.3,	0.0);	(436840.0,
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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
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15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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3710629.5, 80.2, 205.1,	0.0);			
(437658.4, 3710629.5,	77.3,	205.1,	0.0);	(437683.4,
3710629.5, 72.8, 205.1,	0.0);			
(437708.4, 3710629.5,	68.8,	210.9,	0.0);	(437733.4,
3710629.5, 67.7, 210.9,	0.0);			

(437758.4, 3710629.5,	67.8,	205.1,	0.0);	(437783.4,
3710629.5, 67.9,	205.1,	0.0);		
(437808.4, 3710629.5,	67.7,	205.1,	0.0);	(437833.4,
3710629.5, 67.3,	205.1,	0.0);		
(437858.4, 3710629.5,	67.3,	205.1,	0.0);	(437883.4,
3710629.5, 67.3,	207.0,	0.0);		
(437908.4, 3710629.5,	67.5,	207.6,	0.0);	(437933.4,
3710629.5, 67.6,	208.6,	0.0);		
(437958.4, 3710629.5,	67.5,	208.6,	0.0);	(437458.4,
3710654.5, 93.0,	205.1,	0.0);		
(437483.4, 3710654.5,	91.3,	205.1,	0.0);	(437508.4,
3710654.5, 88.7,	205.1,	0.0);		
(437533.4, 3710654.5,	85.9,	205.1,	0.0);	(437558.4,
3710654.5, 84.2,	205.1,	0.0);		

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(437583.4, 3710654.5,	83.4,	205.1,	0.0);	(437608.4,
3710654.5, 82.6,	205.1,	0.0);		
(437633.4, 3710654.5,	81.3,	205.1,	0.0);	(437658.4,
3710654.5, 78.9,	205.1,	0.0);		
(437683.4, 3710654.5,	74.5,	205.1,	0.0);	(437708.4,
3710654.5, 69.6,	205.1,	0.0);		
(437733.4, 3710654.5,	68.1,	205.1,	0.0);	(437758.4,
3710654.5, 68.0,	205.1,	0.0);		
(437783.4, 3710654.5,	68.0,	205.1,	0.0);	(437808.4,
3710654.5, 67.8,	205.1,	0.0);		
(437833.4, 3710654.5,	67.6,	205.1,	0.0);	(437858.4,
3710654.5, 67.8,	205.1,	0.0);		
(437883.4, 3710654.5,	67.9,	207.0,	0.0);	(437908.4,
3710654.5, 67.8,	207.2,	0.0);		
(437933.4, 3710654.5,	67.8,	208.6,	0.0);	(437958.4,
3710654.5, 67.6,	208.6,	0.0);		
(437458.4, 3710679.5,	93.8,	205.1,	0.0);	(437483.4,
3710679.5, 92.1,	205.1,	0.0);		
(437508.4, 3710679.5,	89.1,	205.1,	0.0);	(437533.4,
3710679.5, 86.2,	205.1,	0.0);		
(437558.4, 3710679.5,	84.4,	205.1,	0.0);	(437583.4,
3710679.5, 83.7,	205.1,	0.0);		
(437608.4, 3710679.5,	83.2,	205.1,	0.0);	(437633.4,
3710679.5, 82.2,	205.1,	0.0);		

(437658.4, 3710679.5,	80.1,	205.1,	0.0);	(437683.4,
3710679.5, 75.2, 205.1,	0.0);			
(437708.4, 3710679.5,	69.7,	205.1,	0.0);	(437733.4,
3710679.5, 68.3, 205.1,	0.0);			
(437758.4, 3710679.5,	68.2,	205.1,	0.0);	(437783.4,
3710679.5, 68.2, 205.1,	0.0);			
(437808.4, 3710679.5,	68.1,	205.1,	0.0);	(437833.4,
3710679.5, 67.9, 205.1,	0.0);			
(437858.4, 3710679.5,	68.0,	205.1,	0.0);	(437883.4,
3710679.5, 68.0, 207.0,	0.0);			
(437908.4, 3710679.5,	68.0,	207.2,	0.0);	(437933.4,
3710679.5, 68.0, 208.6,	0.0);			
(437958.4, 3710679.5,	67.9,	208.6,	0.0);	(437983.4,
3710679.5, 68.0, 208.6,	0.0);			
(437458.4, 3710704.5,	94.0,	205.1,	0.0);	(437483.4,
3710704.5, 92.3, 205.1,	0.0);			
(437508.4, 3710704.5,	89.2,	205.1,	0.0);	(437533.4,
3710704.5, 86.3, 205.1,	0.0);			
(437558.4, 3710704.5,	84.6,	205.1,	0.0);	(437583.4,
3710704.5, 84.1, 205.1,	0.0);			
(437608.4, 3710704.5,	83.6,	205.1,	0.0);	(437633.4,
3710704.5, 82.9, 205.1,	0.0);			
(437658.4, 3710704.5,	80.6,	205.1,	0.0);	(437683.4,
3710704.5, 75.0, 205.1,	0.0);			
(437708.4, 3710704.5,	69.5,	205.1,	0.0);	(437733.4,
3710704.5, 68.5, 205.1,	0.0);			
(437758.4, 3710704.5,	68.4,	205.1,	0.0);	(437783.4,
3710704.5, 68.4, 205.1,	0.0);			
(437808.4, 3710704.5,	68.4,	205.1,	0.0);	(437833.4,
3710704.5, 68.1, 205.1,	0.0);			
(437858.4, 3710704.5,	68.1,	205.1,	0.0);	(437883.4,
3710704.5, 68.2, 207.0,	0.0);			
(437908.4, 3710704.5,	68.2,	207.2,	0.0);	(437933.4,
3710704.5, 68.3, 208.6,	0.0);			
(437958.4, 3710704.5,	68.2,	208.6,	0.0);	(437983.4,
3710704.5, 68.0, 208.6,	0.0);			
(437458.4, 3710729.5,	93.9,	205.1,	0.0);	(437483.4,
3710729.5, 92.5, 205.1,	0.0);			
(437508.4, 3710729.5,	89.6,	205.1,	0.0);	(437533.4,
3710729.5, 86.7, 205.1,	0.0);			
(437558.4, 3710729.5,	85.1,	205.1,	0.0);	(437583.4,
3710729.5, 84.5, 205.1,	0.0);			
(437608.4, 3710729.5,	84.1,	205.1,	0.0);	(437633.4,
3710729.5, 83.3, 205.1,	0.0);			
(437658.4, 3710729.5,	80.4,	205.1,	0.0);	(437683.4,
3710729.5, 74.1, 205.1,	0.0);			
(437708.4, 3710729.5,	69.4,	205.1,	0.0);	(437733.4,
3710729.5, 68.8, 205.1,	0.0);			
(437758.4, 3710729.5,	68.7,	205.1,	0.0);	(437783.4,
3710729.5, 68.7, 205.1,	0.0);			

(437808.4, 3710729.5,	68.6,	205.1,	0.0);	(437833.4,
3710729.5, 68.3, 205.1,	0.0);			
(437858.4, 3710729.5,	68.4,	205.1,	0.0);	(437883.4,
3710729.5, 68.5, 198.3,	0.0);			
(437908.4, 3710729.5,	68.6,	207.0,	0.0);	(437933.4,
3710729.5, 68.5, 207.6,	0.0);			
(437958.4, 3710729.5,	68.4,	208.6,	0.0);	(437983.4,
3710729.5, 68.2, 208.6,	0.0);			
(437458.4, 3710754.5,	93.1,	205.1,	0.0);	(437483.4,
3710754.5, 92.5, 205.1,	0.0);			
(437508.4, 3710754.5,	90.2,	205.1,	0.0);	(437533.4,
3710754.5, 87.5, 205.1,	0.0);			
(437558.4, 3710754.5,	85.8,	205.1,	0.0);	(437583.4,
3710754.5, 84.9, 205.1,	0.0);			
(437608.4, 3710754.5,	84.4,	205.1,	0.0);	(437633.4,
3710754.5, 83.1, 205.1,	0.0);			

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

(437658.4, 3710754.5,	79.4,	205.1,	0.0);	(437683.4,
3710754.5, 73.4, 205.1,	0.0);			
(437708.4, 3710754.5,	69.6,	205.1,	0.0);	(437733.4,
3710754.5, 69.2, 205.1,	0.0);			
(437758.4, 3710754.5,	69.3,	205.1,	0.0);	(437783.4,
3710754.5, 69.2, 205.1,	0.0);			
(437808.4, 3710754.5,	69.0,	205.1,	0.0);	(437833.4,
3710754.5, 68.6, 205.1,	0.0);			
(437858.4, 3710754.5,	68.7,	198.3,	0.0);	(437883.4,
3710754.5, 68.7, 198.3,	0.0);			
(437908.4, 3710754.5,	68.6,	207.0,	0.0);	(437933.4,
3710754.5, 68.5, 207.6,	0.0);			
(437958.4, 3710754.5,	68.5,	208.6,	0.0);	(437983.4,
3710754.5, 68.5, 208.6,	0.0);			
(438008.4, 3710754.5,	68.5,	208.6,	0.0);	(437458.4,
3710779.5, 90.8, 205.1,	0.0);			
(437483.4, 3710779.5,	92.5,	205.1,	0.0);	(437508.4,
3710779.5, 91.3, 205.1,	0.0);			
(437533.4, 3710779.5,	88.8,	205.1,	0.0);	(437558.4,
3710779.5, 86.7, 205.1,	0.0);			
(437583.4, 3710779.5,	85.4,	205.1,	0.0);	(437608.4,
3710779.5, 84.2, 205.1,	0.0);			

(437633.4, 3710779.5,	80.8,	205.1,	0.0);	(437658.4,
3710779.5, 75.3, 205.1,	0.0);			
(437683.4, 3710779.5,	71.5,	205.1,	0.0);	(437708.4,
3710779.5, 70.0, 205.1,	0.0);			
(437733.4, 3710779.5,	69.7,	205.1,	0.0);	(437758.4,
3710779.5, 69.5, 205.1,	0.0);			
(437783.4, 3710779.5,	69.3,	205.1,	0.0);	(437808.4,
3710779.5, 69.1, 205.1,	0.0);			
(437833.4, 3710779.5,	68.8,	205.1,	0.0);	(437858.4,
3710779.5, 68.8, 198.3,	0.0);			
(437883.4, 3710779.5,	68.7,	198.3,	0.0);	(437908.4,
3710779.5, 68.8, 207.0,	0.0);			
(437933.4, 3710779.5,	68.9,	207.2,	0.0);	(437958.4,
3710779.5, 68.9, 208.6,	0.0);			
(437983.4, 3710779.5,	68.8,	208.6,	0.0);	(438008.4,
3710779.5, 68.6, 208.6,	0.0);			
(437458.4, 3710804.5,	88.8,	205.1,	0.0);	(437483.4,
3710804.5, 91.9, 205.1,	0.0);			
(437508.4, 3710804.5,	92.3,	205.1,	0.0);	(437533.4,
3710804.5, 90.2, 205.1,	0.0);			
(437558.4, 3710804.5,	87.7,	205.1,	0.0);	(437583.4,
3710804.5, 86.0, 205.1,	0.0);			
(437608.4, 3710804.5,	83.9,	205.1,	0.0);	(437633.4,
3710804.5, 79.1, 205.1,	0.0);			
(437658.4, 3710804.5,	73.4,	205.1,	0.0);	(437683.4,
3710804.5, 70.8, 205.1,	0.0);			
(437708.4, 3710804.5,	70.2,	205.1,	0.0);	(437733.4,
3710804.5, 70.1, 205.1,	0.0);			
(437758.4, 3710804.5,	70.0,	205.1,	0.0);	(437783.4,
3710804.5, 69.7, 205.1,	0.0);			
(437808.4, 3710804.5,	69.6,	205.1,	0.0);	(437833.4,
3710804.5, 69.2, 198.3,	0.0);			
(437858.4, 3710804.5,	69.0,	198.3,	0.0);	(437883.4,
3710804.5, 69.1, 198.3,	0.0);			
(437908.4, 3710804.5,	69.1,	204.7,	0.0);	(437933.4,
3710804.5, 69.1, 207.2,	0.0);			
(437958.4, 3710804.5,	69.0,	208.6,	0.0);	(437983.4,
3710804.5, 68.9, 208.6,	0.0);			
(438008.4, 3710804.5,	68.8,	208.6,	0.0);	(438033.4,
3710804.5, 69.0, 208.6,	0.0);			
(437458.4, 3710829.5,	87.9,	205.1,	0.0);	(437483.4,
3710829.5, 91.0, 205.1,	0.0);			
(437508.4, 3710829.5,	92.6,	205.1,	0.0);	(437533.4,
3710829.5, 91.2, 205.1,	0.0);			
(437558.4, 3710829.5,	88.5,	205.1,	0.0);	(437583.4,
3710829.5, 86.5, 205.1,	0.0);			
(437608.4, 3710829.5,	83.9,	205.1,	0.0);	(437633.4,
3710829.5, 79.0, 205.1,	0.0);			
(437658.4, 3710829.5,	74.1,	205.1,	0.0);	(437683.4,
3710829.5, 71.4, 205.1,	0.0);			

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( 437708.4, 3710829.5, 70.4, 205.1, 0.0); ( 437733.4,
3710829.5, 70.4, 205.1, 0.0);
( 437758.4, 3710829.5, 70.3, 205.1, 0.0); ( 437783.4,
3710829.5, 70.1, 205.1, 0.0);
( 437808.4, 3710829.5, 69.8, 204.7, 0.0); ( 437833.4,
3710829.5, 69.5, 198.3, 0.0);
( 437858.4, 3710829.5, 69.2, 198.3, 0.0); ( 437883.4,
3710829.5, 69.3, 198.3, 0.0);
( 437908.4, 3710829.5, 69.2, 198.3, 0.0); ( 437933.4,
3710829.5, 69.1, 207.0, 0.0);
( 437958.4, 3710829.5, 69.2, 207.6, 0.0); ( 437983.4,
3710829.5, 69.2, 208.6, 0.0);
( 438008.4, 3710829.5, 69.3, 208.6, 0.0); ( 438033.4,
3710829.5, 69.2, 208.6, 0.0);
( 437458.4, 3710854.5, 88.2, 205.1, 0.0); ( 437483.4,
3710854.5, 90.3, 205.1, 0.0);
( 437508.4, 3710854.5, 92.0, 205.1, 0.0); ( 437533.4,
3710854.5, 91.3, 204.7, 0.0);

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*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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( 437558.4, 3710854.5, 89.0, 204.7, 0.0); ( 437583.4,
3710854.5, 87.1, 204.7, 0.0);
( 437608.4, 3710854.5, 84.6, 205.1, 0.0); ( 437633.4,
3710854.5, 80.8, 205.1, 0.0);
( 437658.4, 3710854.5, 77.2, 205.1, 0.0); ( 437683.4,
3710854.5, 73.3, 205.1, 0.0);
( 437708.4, 3710854.5, 70.9, 205.1, 0.0); ( 437733.4,
3710854.5, 70.5, 205.1, 0.0);
( 437758.4, 3710854.5, 70.5, 205.1, 0.0); ( 437783.4,
3710854.5, 70.3, 204.7, 0.0);
( 437808.4, 3710854.5, 70.0, 185.0, 0.0); ( 437833.4,
3710854.5, 69.8, 198.3, 0.0);
( 437858.4, 3710854.5, 69.5, 198.3, 0.0); ( 437883.4,
3710854.5, 69.5, 198.3, 0.0);
( 437908.4, 3710854.5, 69.3, 198.3, 0.0); ( 437933.4,
3710854.5, 69.5, 207.0, 0.0);
( 437958.4, 3710854.5, 69.6, 207.2, 0.0); ( 437983.4,
3710854.5, 69.7, 208.6, 0.0);
( 438008.4, 3710854.5, 69.8, 208.6, 0.0); ( 438033.4,
3710854.5, 69.8, 208.6, 0.0);

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(438058.4, 3710854.5,	70.5,	208.6,	0.0);	(437458.4,
3710879.5, 88.5, 205.1,	0.0);			
(437483.4, 3710879.5,	90.0,	205.1,	0.0);	(437508.4,
3710879.5, 91.4, 204.7,	0.0);			
(437533.4, 3710879.5,	91.1,	180.7,	0.0);	(437558.4,
3710879.5, 89.5, 180.7,	0.0);			
(437583.4, 3710879.5,	88.3,	88.3,	0.0);	(437608.4,
3710879.5, 86.8, 87.9,	0.0);			
(437633.4, 3710879.5,	84.6,	88.4,	0.0);	(437658.4,
3710879.5, 82.1, 89.5,	0.0);			
(437683.4, 3710879.5,	76.7,	205.1,	0.0);	(437708.4,
3710879.5, 71.8, 205.1,	0.0);			
(437733.4, 3710879.5,	70.7,	205.1,	0.0);	(437758.4,
3710879.5, 70.6, 205.1,	0.0);			
(437783.4, 3710879.5,	70.6,	148.6,	0.0);	(437808.4,
3710879.5, 70.5, 183.8,	0.0);			
(437833.4, 3710879.5,	70.4,	185.5,	0.0);	(437858.4,
3710879.5, 70.1, 198.3,	0.0);			
(437883.4, 3710879.5,	69.7,	198.3,	0.0);	(437908.4,
3710879.5, 69.9, 198.3,	0.0);			
(437933.4, 3710879.5,	70.2,	198.3,	0.0);	(437958.4,
3710879.5, 70.0, 207.0,	0.0);			
(437983.4, 3710879.5,	69.9,	208.6,	0.0);	(438008.4,
3710879.5, 70.1, 208.6,	0.0);			
(438033.4, 3710879.5,	70.6,	208.6,	0.0);	(438058.4,
3710879.5, 70.8, 208.6,	0.0);			
(438083.4, 3710879.5,	71.1,	208.6,	0.0);	(437483.4,
3710904.5, 87.3, 205.1,	0.0);			
(437508.4, 3710904.5,	90.3,	204.7,	0.0);	(437533.4,
3710904.5, 91.0, 180.7,	0.0);			
(437558.4, 3710904.5,	89.9,	180.7,	0.0);	(437583.4,
3710904.5, 89.0, 89.0,	0.0);			
(437608.4, 3710904.5,	88.4,	88.4,	0.0);	(437633.4,
3710904.5, 87.4, 87.4,	0.0);			
(437658.4, 3710904.5,	85.2,	87.3,	0.0);	(437683.4,
3710904.5, 79.7, 99.3,	0.0);			
(437708.4, 3710904.5,	73.2,	205.1,	0.0);	(437733.4,
3710904.5, 71.0, 205.1,	0.0);			
(437758.4, 3710904.5,	70.9,	136.4,	0.0);	(437783.4,
3710904.5, 71.0, 148.6,	0.0);			
(437808.4, 3710904.5,	70.9,	149.7,	0.0);	(437833.4,
3710904.5, 70.6, 185.0,	0.0);			
(437858.4, 3710904.5,	70.2,	198.3,	0.0);	(437883.4,
3710904.5, 69.9, 198.3,	0.0);			
(437908.4, 3710904.5,	70.2,	198.3,	0.0);	(437933.4,
3710904.5, 70.3, 198.3,	0.0);			
(437958.4, 3710904.5,	70.1,	207.0,	0.0);	(437983.4,
3710904.5, 70.2, 207.2,	0.0);			
(438008.4, 3710904.5,	70.7,	208.6,	0.0);	(438033.4,
3710904.5, 71.2, 208.6,	0.0);			

(438058.4, 3710904.5,	71.4,	208.6,	0.0);	(438083.4,
3710904.5, 71.3, 208.6,	0.0);			
(438108.4, 3710904.5,	71.4,	208.6,	0.0);	(437508.4,
3710929.5, 88.7, 204.7,	0.0);			
(437533.4, 3710929.5,	90.8,	180.7,	0.0);	(437558.4,
3710929.5, 90.5, 90.5,	0.0);			
(437583.4, 3710929.5,	89.9,	89.9,	0.0);	(437608.4,
3710929.5, 89.4, 89.4,	0.0);			
(437633.4, 3710929.5,	88.8,	88.8,	0.0);	(437658.4,
3710929.5, 86.7, 88.7,	0.0);			
(437683.4, 3710929.5,	81.4,	99.3,	0.0);	(437708.4,
3710929.5, 75.1, 100.3,	0.0);			
(437733.4, 3710929.5,	71.9,	180.7,	0.0);	(437758.4,
3710929.5, 71.2, 136.4,	0.0);			
(437783.4, 3710929.5,	71.1,	148.6,	0.0);	(437808.4,
3710929.5, 71.0, 149.7,	0.0);			
(437833.4, 3710929.5,	70.8,	185.0,	0.0);	(437858.4,
3710929.5, 70.6, 198.3,	0.0);			
(437883.4, 3710929.5,	70.5,	198.3,	0.0);	(437908.4,
3710929.5, 70.4, 198.3,	0.0);			

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
 BESS\Compass\Compass.isc *** 05/08/25

*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

(437933.4, 3710929.5,	70.4,	198.3,	0.0);	(437958.4,
3710929.5, 70.6, 198.3,	0.0);			
(437983.4, 3710929.5,	70.9,	207.0,	0.0);	(438008.4,
3710929.5, 71.1, 207.6,	0.0);			
(438033.4, 3710929.5,	71.2,	208.6,	0.0);	(438058.4,
3710929.5, 71.5, 208.6,	0.0);			
(438083.4, 3710929.5,	71.6,	208.6,	0.0);	(438108.4,
3710929.5, 71.6, 208.6,	0.0);			
(438133.4, 3710929.5,	71.8,	208.6,	0.0);	(437558.4,
3710954.5, 91.1, 91.1,	0.0);			
(437583.4, 3710954.5,	90.8,	90.8,	0.0);	(437608.4,
3710954.5, 90.3, 90.3,	0.0);			
(437633.4, 3710954.5,	89.9,	89.9,	0.0);	(437658.4,
3710954.5, 88.7, 90.7,	0.0);			
(437683.4, 3710954.5,	85.3,	97.5,	0.0);	(437708.4,
3710954.5, 80.2, 99.8,	0.0);			
(437733.4, 3710954.5,	74.8,	100.7,	0.0);	(437758.4,
3710954.5, 71.7, 136.4,	0.0);			

(437783.4, 3710954.5,	71.3,	136.4,	0.0);	(437808.4,
3710954.5, 71.2, 149.7,	0.0);			
(437833.4, 3710954.5,	71.1,	183.8,	0.0);	(437858.4,
3710954.5, 71.0, 185.0,	0.0);			
(437883.4, 3710954.5,	70.8,	198.3,	0.0);	(437908.4,
3710954.5, 70.7, 198.3,	0.0);			
(437933.4, 3710954.5,	70.6,	198.3,	0.0);	(437958.4,
3710954.5, 70.9, 198.3,	0.0);			
(437983.4, 3710954.5,	71.3,	207.0,	0.0);	(438008.4,
3710954.5, 71.4, 207.2,	0.0);			
(438033.4, 3710954.5,	71.4,	208.6,	0.0);	(438058.4,
3710954.5, 71.4, 208.6,	0.0);			
(438083.4, 3710954.5,	71.6,	208.6,	0.0);	(438108.4,
3710954.5, 71.7, 208.6,	0.0);			
(438133.4, 3710954.5,	72.0,	208.6,	0.0);	(438158.4,
3710954.5, 72.3, 208.6,	0.0);			
(437583.4, 3710979.5,	91.9,	91.9,	0.0);	(437608.4,
3710979.5, 91.5, 91.5,	0.0);			
(437633.4, 3710979.5,	91.2,	91.2,	0.0);	(437658.4,
3710979.5, 91.1, 91.1,	0.0);			
(437683.4, 3710979.5,	90.3,	94.0,	0.0);	(437708.4,
3710979.5, 87.1, 99.3,	0.0);			
(437733.4, 3710979.5,	79.7,	100.3,	0.0);	(437758.4,
3710979.5, 73.0, 136.4,	0.0);			
(437783.4, 3710979.5,	71.6,	136.4,	0.0);	(437808.4,
3710979.5, 71.5, 149.7,	0.0);			
(437833.4, 3710979.5,	71.4,	149.7,	0.0);	(437858.4,
3710979.5, 71.2, 185.0,	0.0);			
(437883.4, 3710979.5,	71.1,	198.3,	0.0);	(437908.4,
3710979.5, 71.0, 198.3,	0.0);			
(437933.4, 3710979.5,	71.0,	198.3,	0.0);	(437958.4,
3710979.5, 71.1, 198.3,	0.0);			
(437983.4, 3710979.5,	71.3,	198.3,	0.0);	(438008.4,
3710979.5, 71.4, 207.0,	0.0);			
(438033.4, 3710979.5,	71.4,	208.6,	0.0);	(438058.4,
3710979.5, 71.4, 208.6,	0.0);			
(438083.4, 3710979.5,	71.6,	208.6,	0.0);	(438108.4,
3710979.5, 71.8, 208.6,	0.0);			
(438133.4, 3710979.5,	72.2,	208.6,	0.0);	(438158.4,
3710979.5, 72.6, 208.6,	0.0);			
(438183.4, 3710979.5,	72.9,	208.6,	0.0);	(437583.4,
3711004.5, 93.0, 93.0,	0.0);			
(437608.4, 3711004.5,	92.9,	92.9,	0.0);	(437633.4,
3711004.5, 92.8, 92.8,	0.0);			
(437658.4, 3711004.5,	93.0,	93.0,	0.0);	(437683.4,
3711004.5, 93.8, 93.8,	0.0);			
(437708.4, 3711004.5,	92.7,	95.8,	0.0);	(437733.4,
3711004.5, 85.4, 99.8,	0.0);			
(437758.4, 3711004.5,	75.4,	102.0,	0.0);	(437783.4,
3711004.5, 72.0, 136.4,	0.0);			

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( 437808.4, 3711004.5, 71.5, 149.7, 0.0); ( 437833.4,
3711004.5, 71.5, 149.7, 0.0);
( 437858.4, 3711004.5, 71.4, 183.8, 0.0); ( 437883.4,
3711004.5, 71.4, 187.9, 0.0);
( 437908.4, 3711004.5, 71.4, 198.3, 0.0); ( 437933.4,
3711004.5, 71.5, 198.3, 0.0);
( 437958.4, 3711004.5, 71.1, 198.3, 0.0); ( 437983.4,
3711004.5, 71.2, 198.3, 0.0);
( 438008.4, 3711004.5, 71.3, 207.0, 0.0); ( 438033.4,
3711004.5, 71.3, 207.6, 0.0);
( 438058.4, 3711004.5, 71.4, 208.6, 0.0); ( 438083.4,
3711004.5, 71.7, 208.6, 0.0);
( 438108.4, 3711004.5, 71.9, 208.6, 0.0); ( 438133.4,
3711004.5, 72.3, 208.6, 0.0);
( 438158.4, 3711004.5, 72.8, 208.6, 0.0); ( 438183.4,
3711004.5, 73.1, 208.6, 0.0);
( 438208.4, 3711004.5, 73.4, 208.6, 0.0); ( 437608.4,
3711029.5, 94.1, 94.1, 0.0);
( 437633.4, 3711029.5, 94.1, 94.1, 0.0); ( 437658.4,
3711029.5, 94.5, 94.5, 0.0);
( 437683.4, 3711029.5, 95.2, 95.2, 0.0); ( 437708.4,
3711029.5, 94.8, 95.8, 0.0);

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

( 437733.4, 3711029.5, 90.0, 99.8, 0.0); ( 437758.4,
3711029.5, 80.2, 101.7, 0.0);
( 437783.4, 3711029.5, 73.6, 102.7, 0.0); ( 437808.4,
3711029.5, 71.7, 148.6, 0.0);
( 437833.4, 3711029.5, 71.6, 149.7, 0.0); ( 437858.4,
3711029.5, 71.8, 149.7, 0.0);
( 437883.4, 3711029.5, 71.9, 185.0, 0.0); ( 437908.4,
3711029.5, 71.9, 198.3, 0.0);
( 437933.4, 3711029.5, 71.7, 198.3, 0.0); ( 437958.4,
3711029.5, 71.3, 198.3, 0.0);
( 437983.4, 3711029.5, 71.5, 198.3, 0.0); ( 438008.4,
3711029.5, 71.5, 198.3, 0.0);
( 438033.4, 3711029.5, 71.4, 207.0, 0.0); ( 438058.4,
3711029.5, 71.5, 208.6, 0.0);
( 438083.4, 3711029.5, 71.9, 208.6, 0.0); ( 438108.4,
3711029.5, 72.2, 208.6, 0.0);

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(438133.4, 3711029.5,	72.3,	208.6,	0.0);	(438158.4,
3711029.5, 72.7, 208.6,	0.0);			
(438183.4, 3711029.5,	73.3,	208.6,	0.0);	(438208.4,
3711029.5, 73.6, 208.6,	0.0);			
(438233.4, 3711029.5,	73.8,	208.6,	0.0);	(437608.4,
3711054.5, 95.3, 95.3,	0.0);			
(437633.4, 3711054.5,	95.1,	95.1,	0.0);	(437658.4,
3711054.5, 95.4, 95.4,	0.0);			
(437683.4, 3711054.5,	95.9,	95.9,	0.0);	(437708.4,
3711054.5, 96.3, 96.3,	0.0);			
(437733.4, 3711054.5,	94.9,	99.3,	0.0);	(437758.4,
3711054.5, 87.9, 100.3,	0.0);			
(437783.4, 3711054.5,	78.3,	102.2,	0.0);	(437808.4,
3711054.5, 73.0, 136.4,	0.0);			
(437833.4, 3711054.5,	71.9,	149.7,	0.0);	(437858.4,
3711054.5, 71.8, 149.7,	0.0);			
(437883.4, 3711054.5,	71.9,	183.8,	0.0);	(437908.4,
3711054.5, 71.8, 189.8,	0.0);			
(437933.4, 3711054.5,	71.7,	198.3,	0.0);	(437958.4,
3711054.5, 71.5, 198.3,	0.0);			
(437983.4, 3711054.5,	71.8,	198.3,	0.0);	(438008.4,
3711054.5, 71.9, 198.3,	0.0);			
(438033.4, 3711054.5,	71.7,	207.0,	0.0);	(438058.4,
3711054.5, 71.6, 207.6,	0.0);			
(438083.4, 3711054.5,	71.8,	208.6,	0.0);	(438108.4,
3711054.5, 72.2, 208.6,	0.0);			
(438133.4, 3711054.5,	72.5,	208.6,	0.0);	(438158.4,
3711054.5, 72.7, 208.6,	0.0);			
(438183.4, 3711054.5,	73.1,	208.6,	0.0);	(438208.4,
3711054.5, 73.6, 208.6,	0.0);			
(438233.4, 3711054.5,	73.8,	208.6,	0.0);	(437633.4,
3711079.5, 96.3, 96.3,	0.0);			
(437658.4, 3711079.5,	96.6,	96.6,	0.0);	(437683.4,
3711079.5, 97.1, 97.1,	0.0);			
(437708.4, 3711079.5,	97.9,	97.9,	0.0);	(437733.4,
3711079.5, 97.9, 97.9,	0.0);			
(437758.4, 3711079.5,	94.0,	99.8,	0.0);	(437783.4,
3711079.5, 84.9, 101.7,	0.0);			
(437808.4, 3711079.5,	77.0,	102.7,	0.0);	(437833.4,
3711079.5, 73.3, 148.5,	0.0);			
(437858.4, 3711079.5,	72.4,	149.7,	0.0);	(437883.4,
3711079.5, 72.4, 173.5,	0.0);			
(437908.4, 3711079.5,	72.2,	189.8,	0.0);	(437933.4,
3711079.5, 72.0, 198.3,	0.0);			
(437958.4, 3711079.5,	71.8,	198.3,	0.0);	(437983.4,
3711079.5, 71.8, 198.3,	0.0);			
(438008.4, 3711079.5,	72.0,	198.3,	0.0);	(438033.4,
3711079.5, 72.0, 198.3,	0.0);			
(438058.4, 3711079.5,	71.8,	207.0,	0.0);	(438083.4,
3711079.5, 71.7, 208.6,	0.0);			

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( 438108.4, 3711079.5, 72.1, 208.6, 0.0); ( 438133.4,
3711079.5, 72.5, 208.6, 0.0);
( 438158.4, 3711079.5, 72.6, 208.6, 0.0); ( 438183.4,
3711079.5, 73.1, 208.6, 0.0);
( 437633.4, 3711104.5, 97.4, 97.4, 0.0); ( 437658.4,
3711104.5, 97.6, 97.6, 0.0);
( 437683.4, 3711104.5, 98.1, 98.1, 0.0); ( 437708.4,
3711104.5, 99.0, 99.0, 0.0);
( 437733.4, 3711104.5, 99.3, 99.3, 0.0); ( 437758.4,
3711104.5, 97.8, 97.8, 0.0);
( 437783.4, 3711104.5, 91.5, 100.7, 0.0); ( 437808.4,
3711104.5, 82.8, 102.2, 0.0);
( 437833.4, 3711104.5, 76.4, 102.7, 0.0); ( 437858.4,
3711104.5, 73.9, 149.7, 0.0);
( 437883.4, 3711104.5, 73.2, 149.7, 0.0); ( 437908.4,
3711104.5, 72.7, 189.8, 0.0);
( 437933.4, 3711104.5, 72.4, 189.8, 0.0); ( 437958.4,
3711104.5, 72.1, 198.3, 0.0);
( 437983.4, 3711104.5, 71.9, 198.3, 0.0); ( 438008.4,
3711104.5, 71.9, 198.3, 0.0);
( 438033.4, 3711104.5, 72.1, 198.3, 0.0); ( 438058.4,
3711104.5, 72.0, 207.0, 0.0);
( 438083.4, 3711104.5, 71.8, 207.2, 0.0); ( 438108.4,
3711104.5, 72.0, 208.6, 0.0);

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

( 438133.4, 3711104.5, 72.3, 208.6, 0.0); ( 438158.4,
3711104.5, 72.6, 208.6, 0.0);
( 437633.4, 3711129.5, 97.3, 97.3, 0.0); ( 437658.4,
3711129.5, 97.5, 97.5, 0.0);
( 437683.4, 3711129.5, 97.9, 97.9, 0.0); ( 437708.4,
3711129.5, 98.9, 98.9, 0.0);
( 437733.4, 3711129.5, 99.7, 99.7, 0.0); ( 437758.4,
3711129.5, 99.5, 99.5, 0.0);
( 437783.4, 3711129.5, 96.7, 100.0, 0.0); ( 437808.4,
3711129.5, 89.6, 102.0, 0.0);
( 437833.4, 3711129.5, 81.4, 102.7, 0.0); ( 437858.4,
3711129.5, 76.9, 102.7, 0.0);
( 437883.4, 3711129.5, 74.7, 149.7, 0.0); ( 437908.4,
3711129.5, 73.3, 189.8, 0.0);

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(437933.4, 3711129.5,	72.6,	189.8,	0.0);	(437958.4,
3711129.5, 72.3, 198.3,	0.0);			
(437983.4, 3711129.5,	72.1,	198.3,	0.0);	(438008.4,
3711129.5, 72.0, 198.3,	0.0);			
(438033.4, 3711129.5,	72.1,	198.3,	0.0);	(438058.4,
3711129.5, 72.2, 198.3,	0.0);			
(438083.4, 3711129.5,	72.0,	207.0,	0.0);	(438108.4,
3711129.5, 72.0, 208.6,	0.0);			
(438133.4, 3711129.5,	72.3,	208.6,	0.0);	(438158.4,
3711129.5, 72.9, 208.6,	0.0);			
(437633.4, 3711154.5,	92.7,	98.3,	0.0);	(437658.4,
3711154.5, 93.4, 99.2,	0.0);			
(437683.4, 3711154.5,	94.9,	99.2,	0.0);	(437708.4,
3711154.5, 97.0, 97.0,	0.0);			
(437733.4, 3711154.5,	99.3,	99.3,	0.0);	(437758.4,
3711154.5, 100.2, 100.2,	0.0);			
(437783.4, 3711154.5,	99.6,	100.0,	0.0);	(437808.4,
3711154.5, 96.2, 100.7,	0.0);			
(437833.4, 3711154.5,	88.2,	102.2,	0.0);	(437858.4,
3711154.5, 81.8, 102.7,	0.0);			
(437883.4, 3711154.5,	78.0,	103.3,	0.0);	(437908.4,
3711154.5, 74.5, 173.5,	0.0);			
(437933.4, 3711154.5,	72.7,	189.8,	0.0);	(437958.4,
3711154.5, 72.2, 197.0,	0.0);			
(437983.4, 3711154.5,	72.3,	198.3,	0.0);	(438008.4,
3711154.5, 72.3, 198.3,	0.0);			
(438033.4, 3711154.5,	72.2,	198.3,	0.0);	(438058.4,
3711154.5, 72.2, 198.3,	0.0);			
(438083.4, 3711154.5,	72.1,	198.3,	0.0);	(438108.4,
3711154.5, 72.4, 207.0,	0.0);			
(438133.4, 3711154.5,	73.0,	208.6,	0.0);	(437633.4,
3711179.5, 85.8, 101.1,	0.0);			
(437658.4, 3711179.5,	86.9,	101.1,	0.0);	(437683.4,
3711179.5, 89.5, 101.1,	0.0);			
(437708.4, 3711179.5,	93.3,	100.7,	0.0);	(437733.4,
3711179.5, 97.7, 100.3,	0.0);			
(437758.4, 3711179.5,	100.3,	100.3,	0.0);	(437783.4,
3711179.5, 100.5, 100.5,	0.0);			
(437808.4, 3711179.5,	99.6,	100.6,	0.0);	(437833.4,
3711179.5, 96.1, 101.7,	0.0);			
(437858.4, 3711179.5,	89.5,	102.7,	0.0);	(437883.4,
3711179.5, 83.1, 102.7,	0.0);			
(437908.4, 3711179.5,	77.2,	103.3,	0.0);	(437933.4,
3711179.5, 73.4, 189.8,	0.0);			
(437958.4, 3711179.5,	72.7,	196.1,	0.0);	(437983.4,
3711179.5, 72.6, 197.0,	0.0);			
(438008.4, 3711179.5,	72.5,	198.3,	0.0);	(438033.4,
3711179.5, 72.3, 198.3,	0.0);			
(438058.4, 3711179.5,	72.3,	198.3,	0.0);	(438083.4,
3711179.5, 72.7, 198.3,	0.0);			

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( 437633.4, 3711204.5, 83.6, 101.6, 0.0); ( 437658.4,
3711204.5, 85.7, 101.6, 0.0);
( 437683.4, 3711204.5, 88.3, 101.6, 0.0); ( 437708.4,
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3711204.5, 99.8, 99.8, 0.0);
( 437783.4, 3711204.5, 100.9, 100.9, 0.0); ( 437808.4,
3711204.5, 101.1, 101.1, 0.0);
( 437833.4, 3711204.5, 100.2, 101.7, 0.0); ( 437858.4,
3711204.5, 96.6, 102.0, 0.0);
( 437883.4, 3711204.5, 88.6, 102.7, 0.0); ( 437958.4,
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( 437983.4, 3711204.5, 72.7, 197.0, 0.0); ( 438008.4,
3711204.5, 72.5, 198.3, 0.0);
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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

( 437883.4, 3711229.5, 91.9, 102.7, 0.0); ( 437958.4,
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( 436912.8, 3712076.1, 145.9, 147.0, 0.0); ( 436855.6,
3712046.2, 145.4, 146.3, 0.0);
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3711201.4, 166.1, 166.1, 0.0);
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3711180.1, 164.4, 164.4, 0.0);
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*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

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( 436510.6, 3710830.8, 168.7, 169.8, 0.0); ( 436541.2,
3710823.8, 169.8, 169.9, 0.0);
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3710739.1, 175.6, 175.6, 0.0);
( 436576.1, 3710701.5, 177.5, 185.3, 0.0); ( 436576.1,
3710683.2, 178.4, 185.3, 0.0);
( 436581.4, 3710640.4, 183.6, 183.6, 0.0); ( 436563.9,
3710581.9, 184.1, 184.1, 0.0);
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3710551.3,	178.8,	178.8,	0.0);	
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3710771.3,	174.1,	174.1,	0.0);	
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3711171.9,	140.8,	169.4,	0.0);	
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3711350.5,	100.2,	100.2,	0.0);	
(437622.3, 3711352.2,	94.8,	99.0,	0.0);	(437622.3,
3711174.8,	86.7,	100.3,	0.0);	
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1.54, 3.09, 5.14, 8.23,

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*** AERMOD - VERSION 24142 ***
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05/08/25

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*** AERMET - VERSION 22112 *** ***
***                               15:52:39
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PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\msvj sfc pfl\MSVJ V11 trimmed.sfc

Met Version: 22112

Profile file: ..\msvj_sfc_pfl\MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2017

Year: 2017

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							

17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20
1.00		0.86		69.	10.0	280.0	9.0						
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20
1.00		0.90		61.	10.0	279.7	9.0						
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20
1.00		1.34		69.	10.0	280.4	9.0						
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20
1.00		0.80		67.	10.0	279.9	9.0						
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20
1.00		0.86		113.	10.0	279.8	9.0						
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.26		92.	10.0	279.9	9.0						
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00		1.14		86.	10.0	279.8	9.0						
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53		1.00		98.	10.0	280.2	9.0						
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31		1.12		106.	10.0	283.2	9.0						

17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24					1.45	159.	10.0	285.0	9.0				
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21					2.23	183.	10.0	285.5	9.0				
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20					1.83	200.	10.0	286.2	9.0				
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20					2.51	225.	10.0	286.6	9.0				
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21					3.44	205.	10.0	286.5	9.0				
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25					2.57	199.	10.0	286.4	9.0				
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33					2.68	195.	10.0	286.5	9.0				
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61					2.33	190.	10.0	285.5	9.0				
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00					1.29	162.	10.0	284.2	9.0				
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00					1.25	117.	10.0	283.5	9.0				
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00					1.46	104.	10.0	283.4	9.0				
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00					1.44	120.	10.0	284.0	9.0				
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00					1.34	127.	10.0	284.3	9.0				
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00					1.19	128.	10.0	284.0	9.0				
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00					1.52	129.	10.0	283.9	9.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

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

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BESS\Compass\Compass.isc ***      05/08/25
*** AERMET - VERSION 22112 ***      ***
***                                     ***
                                     15:52:39

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PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436490.03	3710238.34	33.26613	(20020207)	436465.03
3710263.34	42.13763	(21122423)		
436490.03	3710263.34	40.63442	(21122423)	436515.03
3710263.34	37.87391	(21122423)		
436540.03	3710263.34	35.76389	(20020207)	436465.03
3710288.34	44.72407	(21122423)		
436490.03	3710288.34	45.58261	(21122423)	436515.03
3710288.34	45.06482	(21122423)		
436540.03	3710288.34	43.05964	(21122423)	436465.03
3710313.34	43.00320	(21122423)		
436490.03	3710313.34	46.23518	(21122423)	436515.03
3710313.34	48.41134	(21122423)		
436540.03	3710313.34	49.18469	(21122423)	436565.03
3710313.34	48.29512	(21122423)		
436415.03	3710338.34	41.28020	(19062806)	436440.03
3710338.34	42.48124	(19062806)		
436465.03	3710338.34	42.96466	(19062806)	436490.03
3710338.34	42.64392	(19033001)		
436515.03	3710338.34	46.64018	(21122423)	436540.03
3710338.34	50.29076	(21122423)		
436565.03	3710338.34	52.63925	(21122423)	436315.03
3710363.34	36.76738	(21070705)		
436340.03	3710363.34	38.02454	(21070705)	436365.03
3710363.34	38.90126	(21070705)		
436390.03	3710363.34	40.34746	(20101104)	436415.03
3710363.34	41.93286	(20101104)		
436440.03	3710363.34	43.00841	(20101104)	436465.03
3710363.34	44.47239	(19062806)		
436490.03	3710363.34	46.13356	(19062806)	436515.03
3710363.34	46.97006	(19062806)		
436540.03	3710363.34	46.79306	(19062806)	436290.03
3710388.34	36.64935	(20102504)		
436315.03	3710388.34	37.38756	(20102504)	436340.03
3710388.34	38.01131	(19110604)		
436365.03	3710388.34	38.89989	(21070705)	436390.03
3710388.34	40.74672	(21070705)		
436415.03	3710388.34	42.21766	(21070705)	436440.03
3710388.34	43.20818	(21070705)		
436465.03	3710388.34	45.17615	(20101104)	436490.03
3710388.34	46.82612	(20101104)		

436290.03	3710413.34	37.27569	(20030806)	436315.03
3710413.34	38.41831	(20030806)		
436340.03	3710413.34	39.33610	(20030806)	436365.03
3710413.34	40.61950	(20102504)		
436390.03	3710413.34	41.63850	(20102504)	436415.03
3710413.34	42.36222	(19110604)		
436440.03	3710413.34	43.35500	(19110604)	436465.03
3710413.34	45.57415	(21070705)		
436490.03	3710413.34	47.32160	(21070705)	436290.03
3710438.34	35.99482	(20040703)		
436315.03	3710438.34	37.35797	(20030806)	436340.03
3710438.34	39.25753	(20030806)		
436365.03	3710438.34	41.03057	(20030806)	436390.03
3710438.34	42.62034	(20030806)		
436415.03	3710438.34	43.96111	(20030806)	436440.03
3710438.34	45.27719	(20102504)		
436465.03	3710438.34	46.69029	(20102504)	436490.03
3710438.34	47.68540	(20102504)		
436265.03	3710463.34	35.46914	(20040703)	436290.03
3710463.34	36.87840	(20040703)		
436315.03	3710463.34	38.21542	(20040703)	436340.03
3710463.34	39.45139	(20040703)		
436365.03	3710463.34	40.55411	(20040703)	436390.03
3710463.34	41.48813	(20040703)		
436415.03	3710463.34	42.85366	(20030806)	436440.03
3710463.34	45.23214	(20030806)		
436465.03	3710463.34	47.43636	(20030806)	436490.03
3710463.34	49.37683	(20030806)		
436265.03	3710488.34	36.95600	(21110503)	436290.03
3710488.34	37.87395	(21110503)		
436315.03	3710488.34	38.72107	(21110503)	436340.03
3710488.34	39.47856	(21110503)		
436365.03	3710488.34	40.12542	(21110503)	436390.03
3710488.34	41.92015	(20040703)		
436415.03	3710488.34	43.79001	(20040703)	436440.03
3710488.34	45.55859	(20040703)		
436465.03	3710488.34	47.17926	(20040703)	436490.03
3710488.34	48.59551	(20040703)		
436240.03	3710513.34	35.63852	(21123108)	436265.03
3710513.34	36.52086	(21123108)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436290.03	3710513.34	37.87296	(21110503)	436315.03
3710513.34	39.36015	(21110503)		
436340.03	3710513.34	40.84696	(21110503)	436365.03
3710513.34	42.31876	(21110503)		
436390.03	3710513.34	43.75785	(21110503)	436415.03
3710513.34	45.14015	(21110503)		
436440.03	3710513.34	46.43908	(21110503)	436465.03
3710513.34	47.62547	(21110503)		
436490.03	3710513.34	48.66111	(21110503)	436240.03
3710538.34	35.94067	(21120204)		
436265.03	3710538.34	36.80050	(21120204)	436290.03
3710538.34	37.98485	(21123108)		
436315.03	3710538.34	39.36238	(21123108)	436340.03
3710538.34	40.76714	(21123108)		
436365.03	3710538.34	42.19407	(21123108)	436390.03
3710538.34	43.63621	(21123108)		
436415.03	3710538.34	45.08130	(21123108)	436440.03
3710538.34	46.51753	(21123108)		
436465.03	3710538.34	48.28883	(21110503)	436490.03
3710538.34	50.48851	(21110503)		
436515.03	3710538.34	52.68265	(21110503)	436215.03
3710563.34	35.21696	(21120204)		
436240.03	3710563.34	36.40566	(21120204)	436265.03
3710563.34	37.63445	(21120204)		
436290.03	3710563.34	38.91802	(21120204)	436315.03
3710563.34	40.24473	(21120204)		
436340.03	3710563.34	41.61940	(21120204)	436365.03
3710563.34	43.04187	(21120204)		
436390.03	3710563.34	44.51312	(21120204)	436415.03
3710563.34	46.02528	(21120204)		
436440.03	3710563.34	47.57698	(21120204)	436465.03
3710563.34	49.16521	(21120204)		
436490.03	3710563.34	50.78064	(21120204)	436515.03
3710563.34	52.60090	(21123108)		
436540.03	3710563.34	55.02724	(21123108)	436215.03
3710588.34	34.45583	(20020723)		
436240.03	3710588.34	35.48825	(20020723)	436265.03
3710588.34	36.56743	(20020723)		

436290.03	3710588.34	37.69532	(20020723)	436315.03
3710588.34	38.86732	(20020723)		
436340.03	3710588.34	40.09832	(20020723)	436365.03
3710588.34	41.38617	(20020723)		
436390.03	3710588.34	42.73739	(20020723)	436415.03
3710588.34	44.40727	(21120204)		
436440.03	3710588.34	46.39602	(21120204)	436465.03
3710588.34	48.50608	(21120204)		
436490.03	3710588.34	50.74317	(21120204)	436515.03
3710588.34	53.11572	(21120204)		
436540.03	3710588.34	55.63185	(21120204)	436565.03
3710588.34	58.29779	(21120204)		
436215.03	3710613.34	34.18728	(20020723)	436240.03
3710613.34	35.30327	(20020723)		
436265.03	3710613.34	36.47949	(20020723)	436290.03
3710613.34	37.71983	(20020723)		
436315.03	3710613.34	39.02908	(20020723)	436340.03
3710613.34	40.41221	(20020723)		
436365.03	3710613.34	41.87438	(20020723)	436390.03
3710613.34	43.42123	(20020723)		
436415.03	3710613.34	45.05956	(20020723)	436440.03
3710613.34	46.79608	(20020723)		
436465.03	3710613.34	48.64012	(20020723)	436490.03
3710613.34	50.59669	(20020723)		
436515.03	3710613.34	52.67506	(20020723)	436540.03
3710613.34	54.88449	(20020723)		
436565.03	3710613.34	57.23299	(20020723)	436215.03
3710638.34	31.28303	(20020723)		
436240.03	3710638.34	32.28582	(20020723)	436265.03
3710638.34	33.34218	(20020723)		
436290.03	3710638.34	34.45515	(20020723)	436315.03
3710638.34	35.62951	(20020723)		
436340.03	3710638.34	36.87013	(20020723)	436365.03
3710638.34	38.18139	(20020723)		
436390.03	3710638.34	39.56853	(20020723)	436415.03
3710638.34	41.03675	(20020723)		
436440.03	3710638.34	42.59188	(20020723)	436465.03
3710638.34	44.24331	(20020723)		
436490.03	3710638.34	45.99490	(20020723)	436515.03
3710638.34	47.85608	(20020723)		
436540.03	3710638.34	49.83546	(20020723)	436565.03
3710638.34	51.93994	(20020723)		

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436215.03	3710663.34	26.39397	(20020723)	436240.03
3710663.34	27.13768	(20020723)		
436265.03	3710663.34	27.91387	(20020723)	436290.03
3710663.34	28.72309	(20020723)		
436315.03	3710663.34	29.56758	(20020723)	436340.03
3710663.34	30.44947	(20020723)		
436365.03	3710663.34	31.36952	(20020723)	436390.03
3710663.34	32.32975	(20020723)		
436415.03	3710663.34	33.33009	(20020723)	436440.03
3710663.34	34.37102	(20020723)		
436465.03	3710663.34	35.55979	(18012918)	436490.03
3710663.34	36.84990	(18012918)		
436515.03	3710663.34	38.21891	(18012918)	436540.03
3710663.34	39.66365	(18012918)		
436565.03	3710663.34	41.18208	(18012918)	436215.03
3710688.34	25.55453	(18012918)		
436240.03	3710688.34	26.25056	(18012918)	436265.03
3710688.34	27.07074	(17121018)		
436290.03	3710688.34	27.95601	(17121018)	436315.03
3710688.34	28.87971	(17121018)		
436340.03	3710688.34	29.84492	(17121018)	436365.03
3710688.34	30.85250	(17121018)		
436390.03	3710688.34	31.90644	(17121018)	436415.03
3710688.34	33.00479	(17121018)		
436440.03	3710688.34	34.14821	(17121018)	436465.03
3710688.34	35.34257	(17121018)		
436490.03	3710688.34	36.57170	(17121018)	436515.03
3710688.34	37.87268	(21022320)		
436540.03	3710688.34	39.31067	(21022320)	436565.03
3710688.34	40.79881	(21022320)		
436215.03	3710713.34	25.56819	(17121018)	436240.03
3710713.34	26.25357	(17121018)		
436265.03	3710713.34	26.95698	(17121018)	436290.03
3710713.34	27.70961	(21022320)		
436315.03	3710713.34	28.51391	(18011819)	436340.03
3710713.34	29.52965	(17121219)		

436365.03	3710713.34	30.60522	(17121219)	436390.03
3710713.34	31.71708	(17121219)		
436415.03	3710713.34	32.85805	(17121219)	436440.03
3710713.34	34.02185	(17121219)		
436465.03	3710713.34	35.21701	(17121219)	436490.03
3710713.34	36.42441	(17121219)		
436515.03	3710713.34	37.64158	(17121219)	436540.03
3710713.34	38.86198	(17121219)		
436565.03	3710713.34	40.42588	(18120923)	436215.03
3710738.34	25.58247	(17121219)		
436240.03	3710738.34	26.34148	(17121219)	436265.03
3710738.34	27.11268	(17121219)		
436290.03	3710738.34	27.89182	(17121219)	436315.03
3710738.34	28.67671	(17121219)		
436340.03	3710738.34	29.46457	(17121219)	436365.03
3710738.34	30.24873	(17121219)		
436390.03	3710738.34	31.02481	(17121219)	436415.03
3710738.34	32.18016	(18120923)		
436440.03	3710738.34	33.39763	(18120923)	436465.03
3710738.34	34.61812	(18120923)		
436490.03	3710738.34	35.96662	(20120219)	436515.03
3710738.34	37.47344	(20120219)		
436540.03	3710738.34	38.96196	(20120219)	436215.03
3710763.34	24.97898	(20021204)		
436240.03	3710763.34	25.67058	(18120923)	436265.03
3710763.34	26.52474	(18120923)		
436290.03	3710763.34	27.37912	(18120923)	436315.03
3710763.34	28.23317	(18011221)		
436340.03	3710763.34	29.10206	(20120219)	436365.03
3710763.34	30.17634	(20120219)		
436390.03	3710763.34	31.23771	(20120219)	436415.03
3710763.34	32.27954	(20120219)		
436440.03	3710763.34	33.29691	(20120219)	436465.03
3710763.34	34.38119	(18011820)		
436490.03	3710763.34	35.52069	(18011820)	436515.03
3710763.34	36.81565	(18010403)		
436540.03	3710763.34	38.23046	(18012822)	436215.03
3710788.34	25.05127	(20120219)		
436240.03	3710788.34	25.85410	(20120219)	436265.03
3710788.34	26.64299	(20120219)		
436290.03	3710788.34	27.40252	(20120219)	436315.03
3710788.34	28.14500	(21011903)		
436340.03	3710788.34	28.98781	(18011820)	436365.03
3710788.34	29.86408	(18011820)		

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*** AERMET - VERSION 22112 *** ***
 *** 15:52:39

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436390.03	3710788.34	30.77514	(18011907)	436415.03
3710788.34	31.74060	(18011907)		
436440.03	3710788.34	32.82932	(18012822)	436465.03
3710788.34	34.20786	(18012822)		
436490.03	3710788.34	35.48305	(18012822)	436515.03
3710788.34	36.76373	(21012201)		
436540.03	3710788.34	38.27429	(21012201)	436215.03
3710813.34	24.88575	(18011820)		
436240.03	3710813.34	25.57222	(18011820)	436265.03
3710813.34	26.25259	(18011907)		
436290.03	3710813.34	27.03087	(18011907)	436315.03
3710813.34	27.76111	(18011907)		
436340.03	3710813.34	28.64209	(18012822)	436365.03
3710813.34	29.71537	(18012822)		
436390.03	3710813.34	30.71948	(18012822)	436415.03
3710813.34	31.71851	(21012201)		
436440.03	3710813.34	32.98578	(21012201)	436465.03
3710813.34	34.11487	(21012201)		
436490.03	3710813.34	35.21789	(18011318)	436515.03
3710813.34	36.89003	(18011318)		
436540.03	3710813.34	38.35428	(18011318)	436240.03
3710838.34	25.33646	(18012822)		
436265.03	3710838.34	26.20057	(18012822)	436290.03
3710838.34	27.00777	(18012822)		
436315.03	3710838.34	27.74186	(18012822)	436340.03
3710838.34	28.77229	(21012201)		
436365.03	3710838.34	29.73202	(21012201)	436240.03
3710863.34	25.39394	(21012201)		
436265.03	3710863.34	26.22082	(21012201)	436290.03
3710863.34	26.96508	(21012201)		
436315.03	3710863.34	27.61432	(21012201)	436340.03
3710863.34	28.66418	(18011318)		
436240.03	3710888.34	25.15463	(18011318)	436265.03
3710888.34	26.14249	(18011318)		

436290.03	3710888.34	27.03267	(18011318)	436315.03
3710888.34	27.80106	(18011318)		
436340.03	3710888.34	28.42034	(18011318)	436240.03
3710913.34	25.31802	(18011318)		
436265.03	3710913.34	25.87961	(18011318)	436290.03
3710913.34	26.36206	(21012103)		
436315.03	3710913.34	26.88364	(17121604)	436340.03
3710913.34	27.65651	(21010924)		
436240.03	3710938.34	24.46262	(21012103)	436265.03
3710938.34	25.09122	(18123104)		
436290.03	3710938.34	25.98717	(21010924)	436315.03
3710938.34	26.77488	(21010924)		
436340.03	3710938.34	27.37259	(21010924)	436265.03
3710963.34	24.95272	(21010924)		
436290.03	3710963.34	25.48220	(21012901)	436315.03
3710963.34	26.25993	(21012901)		
436340.03	3710963.34	27.04285	(18122422)	436365.03
3710963.34	27.93788	(20013122)		
436265.03	3710988.34	24.57326	(18010324)	436290.03
3710988.34	25.25233	(18122422)		
436315.03	3710988.34	26.01668	(20013122)	436340.03
3710988.34	26.77085	(20013122)		
436365.03	3710988.34	27.99691	(21011506)	436390.03
3710988.34	31.97966	(21090404)		
436415.03	3710988.34	35.97854	(21090404)	436440.03
3710988.34	39.56452	(21090404)		
436265.03	3711013.34	24.31821	(20013122)	436290.03
3711013.34	24.91684	(21011506)		
436315.03	3711013.34	25.98419	(21011506)	436340.03
3711013.34	29.49084	(21090404)		
436365.03	3711013.34	33.11101	(21090404)	436390.03
3711013.34	36.40596	(21090404)		
436415.03	3711013.34	39.11912	(21090404)	436440.03
3711013.34	40.97581	(21090404)		
436265.03	3711038.34	24.12396	(21011506)	436290.03
3711038.34	27.30249	(21090404)		
436315.03	3711038.34	30.59936	(21090404)	436340.03
3711038.34	33.63499	(21090404)		
436365.03	3711038.34	36.19705	(21090404)	436390.03
3711038.34	38.06404	(21090404)		
436415.03	3711038.34	39.02139	(21090404)	436440.03
3711038.34	40.93815	(21021003)		
436465.03	3711038.34	42.18460	(21021003)	436265.03
3711063.34	28.37426	(21090404)		
436290.03	3711063.34	31.18391	(21090404)	436315.03
3711063.34	33.60538	(21090404)		

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 BESS\Compass\Compass.isc *** 05/08/25

*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436340.03	3711063.34	35.44982	(21090404)	436365.03
3711063.34	36.53601	(21090404)		
436390.03	3711063.34	37.80887	(21021003)	436415.03
3711063.34	39.36482	(21021003)		
436440.03	3711063.34	40.16149	(20050504)	436465.03
3711063.34	41.25035	(20050502)		
436490.03	3711063.34	42.04277	(20091302)	436290.03
3711088.34	33.09358	(21090404)		
436315.03	3711088.34	34.26572	(21090404)	436340.03
3711088.34	34.94096	(21021003)		
436365.03	3711088.34	36.68445	(21021003)	436390.03
3711088.34	37.49146	(21021003)		
436415.03	3711088.34	38.27240	(20050504)	436440.03
3711088.34	39.29278	(20050502)		
436465.03	3711088.34	39.98800	(20091302)	436490.03
3711088.34	41.48808	(21101622)		
436365.03	3711113.34	35.91485	(20050504)	436390.03
3711113.34	36.81881	(20050502)		
436415.03	3711113.34	37.44602	(20091302)	436440.03
3711113.34	37.94757	(21101622)		
436465.03	3711113.34	39.76929	(21101622)	436490.03
3711113.34	40.05172	(21101622)		
436515.03	3711113.34	41.15132	(21021007)	436415.03
3711138.34	36.78550	(21101622)		
436440.03	3711138.34	38.01220	(21101622)	436465.03
3711138.34	37.79551	(21101622)		
436490.03	3711138.34	39.52492	(21021007)	436515.03
3711138.34	40.47051	(21021007)		
436440.03	3711163.34	35.83895	(21021007)	436465.03
3711163.34	37.94431	(21021007)		
436490.03	3711163.34	38.48905	(21021007)	436515.03
3711163.34	39.40353	(21041803)		

436465.03	3711188.34	36.62364	(21021007)	436490.03
3711188.34	37.65182	(21041803)		
436515.03	3711188.34	38.31190	(18060804)	436540.03
3711188.34	39.90313	(21090424)		
436465.03	3711213.34	36.01754	(21041803)	436490.03
3711213.34	36.71745	(18060804)		
436515.03	3711213.34	38.13667	(21090424)	436540.03
3711213.34	38.78930	(21090424)		
436565.03	3711213.34	39.49861	(19050206)	436590.03
3711213.34	40.73080	(20121320)		
436615.03	3711213.34	41.62882	(18070905)	436465.03
3711238.34	35.23574	(18060804)		
436490.03	3711238.34	36.49387	(21090424)	436515.03
3711238.34	37.10776	(21090424)		
436540.03	3711238.34	37.76443	(19050206)	436565.03
3711238.34	38.96910	(20121320)		
436590.03	3711238.34	39.67658	(18070905)	436615.03
3711238.34	39.98855	(18070905)		
436640.03	3711238.34	40.92866	(20070301)	436490.03
3711263.34	35.54197	(21090424)		
436515.03	3711263.34	36.14747	(19050206)	436540.03
3711263.34	37.31738	(20121320)		
436565.03	3711263.34	37.82270	(18070905)	436590.03
3711263.34	38.50214	(18070905)		
436615.03	3711263.34	38.78569	(20070301)	436640.03
3711263.34	39.91039	(20070301)		
436490.03	3711288.34	34.63512	(19050206)	436515.03
3711288.34	35.76637	(20121320)		
436540.03	3711288.34	36.06565	(18070905)	436565.03
3711288.34	37.04428	(18070905)		
436590.03	3711288.34	36.94754	(20082304)	436615.03
3711288.34	38.32334	(20070301)		
436640.03	3711288.34	39.06633	(19112623)	436490.03
3711313.34	34.30869	(20121320)		
436515.03	3711313.34	34.39759	(18070905)	436540.03
3711313.34	35.61934	(18070905)		
436565.03	3711313.34	35.27423	(20082304)	436590.03
3711313.34	36.69685	(20070301)		
436615.03	3711313.34	37.06752	(19112623)	436640.03
3711313.34	38.82679	(20012624)		
436665.03	3711313.34	38.91220	(20012624)	436490.03
3711338.34	33.06377	(20121320)		
436515.03	3711338.34	34.23498	(18070905)	436540.03
3711338.34	33.82782	(18070905)		
436565.03	3711338.34	35.05566	(20070301)	436590.03
3711338.34	35.42286	(20070301)		
436615.03	3711338.34	36.82429	(20012624)	436640.03
3711338.34	37.76375	(20012624)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436665.03	3711338.34	38.00757	(21120223)	436515.03
3711363.34	32.81280 (18070905)			
436540.03	3711363.34	33.42317	(20070301)	436565.03
3711363.34	34.24445 (20070301)			
436590.03	3711363.34	35.06439	(19112623)	436615.03
3711363.34	36.38986 (20012624)			
436640.03	3711363.34	35.93188	(21070203)	436665.03
3711363.34	37.71104 (21120223)			
436515.03	3711388.34	31.93872	(20082304)	436540.03
3711388.34	33.01410 (20070301)			
436565.03	3711388.34	33.46788	(19112623)	436590.03
3711388.34	34.85384 (20012624)			
436615.03	3711388.34	34.89879	(20012624)	436640.03
3711388.34	35.86731 (21120223)			
436665.03	3711388.34	36.43453	(21120223)	436690.03
3711388.34	36.22532 (20053122)			
436515.03	3711413.34	31.75296	(20070301)	436540.03
3711413.34	31.83590 (19112623)			
436565.03	3711413.34	33.20916	(20012624)	436590.03
3711413.34	33.93758 (20012624)			
436615.03	3711413.34	33.81884	(21120223)	436640.03
3711413.34	35.27525 (21120223)			
436665.03	3711413.34	34.62898	(20053122)	436690.03
3711413.34	34.76115 (20053122)			
436515.03	3711438.34	30.75840	(20070301)	436540.03
3711438.34	31.68874 (19112623)			
436565.03	3711438.34	32.79305	(20012624)	436590.03
3711438.34	32.43835 (21070203)			
436615.03	3711438.34	33.81265	(21120223)	436640.03
3711438.34	33.86937 (21120223)			

436665.03	3711438.34	33.88584	(20053122)	436690.03
3711438.34	33.39195	(18071824)		
436515.03	3711463.34	30.40408	(19112623)	436540.03
3711463.34	31.52032	(20012624)		
436565.03	3711463.34	31.53530	(20012624)	436590.03
3711463.34	32.13287	(21120223)		
436615.03	3711463.34	33.01049	(21120223)	436640.03
3711463.34	32.57706	(20053122)		
436665.03	3711463.34	32.45669	(20053122)	436690.03
3711463.34	32.23551	(19082401)		
436515.03	3711488.34	30.15902	(20012624)	436540.03
3711488.34	30.72203	(20012624)		
436565.03	3711488.34	30.32289	(21070203)	436590.03
3711488.34	31.85120	(21120223)		
436615.03	3711488.34	31.52121	(21120223)	436640.03
3711488.34	31.77054	(20053122)		
436665.03	3711488.34	31.28079	(18071824)	436690.03
3711488.34	32.45740	(19082401)		
436515.03	3711513.34	29.76639	(20012624)	436540.03
3711513.34	29.48285	(21070203)		
436565.03	3711513.34	30.48173	(21120223)	436590.03
3711513.34	30.90266	(21120223)		
436615.03	3711513.34	30.70145	(20053122)	436640.03
3711513.34	30.42733	(18071824)		
436665.03	3711513.34	30.21429	(19082401)	436515.03
3711538.34	28.69382	(20012624)		
436540.03	3711538.34	28.96408	(21120223)	436565.03
3711538.34	30.01676	(21120223)		
436590.03	3711538.34	29.38926	(21120223)	436615.03
3711538.34	29.86740	(20053122)		
436640.03	3711538.34	29.39541	(18071824)	436665.03
3711538.34	30.44902	(19082401)		
436515.03	3711563.34	27.71377	(21070203)	436540.03
3711563.34	28.90687	(21120223)		
436565.03	3711563.34	28.96979	(21120223)	436590.03
3711563.34	28.99362	(20053122)		
436615.03	3711563.34	28.68369	(18071824)	436640.03
3711563.34	28.39594	(19082401)		
436665.03	3711563.34	30.22635	(19082401)	436515.03
3711588.34	27.63708	(21120223)		
436540.03	3711588.34	28.28600	(21120223)	436565.03
3711588.34	27.83850	(20053122)		
436590.03	3711588.34	28.14032	(20053122)	436615.03
3711588.34	27.70286	(18071824)		
436640.03	3711588.34	28.64005	(19082401)	436665.03
3711588.34	29.59371	(19082401)		
436515.03	3711613.34	27.39541	(21120223)	436540.03
3711613.34	27.17701	(21120223)		
436565.03	3711613.34	27.43440	(20053122)	436590.03
3711613.34	27.10606	(18071824)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436615.03	3711613.34	26.75503	(19082401)	436640.03
3711613.34	28.48153	(19082401)		
436515.03	3711638.34	26.66714	(21120223)	436540.03
3711638.34	26.45483	(20053122)		
436565.03	3711638.34	26.57371	(20053122)	436590.03
3711638.34	26.17828	(18071824)		
436615.03	3711638.34	27.00366	(19082401)	436640.03
3711638.34	27.95821	(19082401)		
436665.03	3711638.34	28.43747	(20101803)	436540.03
3711663.34	25.99751	(20053122)		
436565.03	3711663.34	25.67832	(18071824)	436590.03
3711663.34	25.27310	(19082401)		
436615.03	3711663.34	26.89600	(19082401)	436640.03
3711663.34	27.46063	(20101803)		
436665.03	3711663.34	27.83185	(20092306)	436540.03
3711688.34	25.13812	(20053122)		
436565.03	3711688.34	24.79017	(18071824)	436590.03
3711688.34	25.52385	(19082401)		
436615.03	3711688.34	26.47123	(19082401)	436640.03
3711688.34	26.92134	(20101803)		
436665.03	3711688.34	27.19580	(20092306)	436540.03
3711713.34	24.37268	(18071824)		
436565.03	3711713.34	23.91733	(19082401)	436590.03
3711713.34	25.45863	(19082401)		
436615.03	3711713.34	25.95710	(20101803)	436640.03
3711713.34	26.30848	(20092306)		
436665.03	3711713.34	26.67137	(17100222)	436690.03
3711713.34	26.84037	(21020622)		

436565.03	3711738.34	24.17024	(19082401)	436590.03
3711738.34	25.10238	(19082401)		
436615.03	3711738.34	25.53051	(20101803)	436640.03
3711738.34	25.81730	(20092306)		
436665.03	3711738.34	26.10884	(17100222)	436690.03
3711738.34	26.20485	(21020622)		
436715.03	3711738.34	25.96448	(21060824)	436565.03
3711763.34	24.12683	(19082401)		
436590.03	3711763.34	24.57549	(20101803)	436615.03
3711763.34	24.88865	(20092306)		
436640.03	3711763.34	25.22666	(17100222)	436665.03
3711763.34	25.41278	(21020622)		
436690.03	3711763.34	25.36562	(21020622)	436715.03
3711763.34	25.39036	(19071305)		
436740.03	3711763.34	25.17931	(19070105)	436565.03
3711788.34	23.77985	(19082401)		
436590.03	3711788.34	24.18849	(20101803)	436615.03
3711788.34	24.52672	(20092306)		
436640.03	3711788.34	24.82268	(17100222)	436665.03
3711788.34	24.96901	(21020622)		
436690.03	3711788.34	24.71151	(21060824)	436715.03
3711788.34	24.77459	(19071305)		
436740.03	3711788.34	24.89755	(19070105)	436590.03
3711813.34	23.61739	(20101803)		
436615.03	3711813.34	23.90476	(20092306)	436640.03
3711813.34	24.16281	(17100222)		
436665.03	3711813.34	24.32630	(21020622)	436690.03
3711813.34	24.00755	(21060824)		
436715.03	3711813.34	24.05102	(19071305)	436740.03
3711813.34	24.48220	(19070105)		
436765.03	3711813.34	25.00327	(17102803)	436590.03
3711838.34	23.22860	(20092306)		
436615.03	3711838.34	23.51517	(17100222)	436640.03
3711838.34	23.75530	(21020622)		
436665.03	3711838.34	23.51431	(21020622)	436690.03
3711838.34	23.53198	(19071305)		
436715.03	3711838.34	23.31600	(20050805)	436740.03
3711838.34	23.95386	(19070105)		
436765.03	3711838.34	24.41472	(17102803)	436790.03
3711838.34	24.27446	(20120702)		
436615.03	3711863.34	22.98979	(17100222)	436640.03
3711863.34	23.26379	(21020622)		
436665.03	3711863.34	22.86729	(21060824)	436690.03
3711863.34	22.97930	(19071305)		
436715.03	3711863.34	23.01514	(19070105)	436740.03
3711863.34	23.50122	(17102803)		
436765.03	3711863.34	23.75397	(17102803)	436790.03
3711863.34	23.91197	(20120702)		
436615.03	3711888.34	22.43033	(21020622)	436640.03
3711888.34	22.50140	(21020622)		

436665.03 3711888.34 22.27293 (19071305) 436690.03
 3711888.34 22.33937 (19071305)
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 *** AERMET - VERSION 22112 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436715.03	3711888.34	22.66912	(19070105)	436740.03
3711888.34	23.12251	(17102803)		
436765.03	3711888.34	23.01415	(17102803)	436790.03
3711888.34	23.48430	(20120702)		
436640.03	3711913.34	21.72475	(21060824)	436665.03
3711913.34	21.89603	(19071305)		
436690.03	3711913.34	21.67550	(20050805)	436715.03
3711913.34	22.23871	(19070105)		
436740.03	3711913.34	22.65932	(17102803)	436765.03
3711913.34	22.39223	(20120702)		
436790.03	3711913.34	23.00087	(20120702)	436640.03
3711938.34	21.23450	(21060824)		
436665.03	3711938.34	21.42880	(19071305)	436690.03
3711938.34	21.35207	(19070105)		
436715.03	3711938.34	21.73694	(17102803)	436740.03
3711938.34	22.12821	(17102803)		
436765.03	3711938.34	22.14821	(20120702)	436790.03
3711938.34	22.47023	(20120702)		
436665.03	3711963.34	20.87656	(19071305)	436690.03
3711963.34	21.08057	(19070105)		
436715.03	3711963.34	21.44604	(17102803)	436740.03
3711963.34	21.52570	(17102803)		
436765.03	3711963.34	21.85024	(20120702)	436790.03
3711963.34	21.90680	(20120702)		
436690.03	3711988.34	20.71286	(19070105)	436715.03
3711988.34	21.04604	(17102803)		

436740.03	3711988.34	20.85254	(17102803)	436765.03
3711988.34	21.48977	(20120702)		
436790.03	3711988.34	21.30026	(20120702)	436815.03
3711988.34	21.97478	(19120806)		
436690.03	3712013.34	20.29957	(19070105)	436715.03
3712013.34	20.62019	(17102803)		
436740.03	3712013.34	20.59242	(20120702)	436765.03
3712013.34	21.07696	(20120702)		
436790.03	3712013.34	20.96902	(19120806)	436815.03
3712013.34	21.54996	(19120806)		
436715.03	3712038.34	20.14829	(17102803)	436740.03
3712038.34	20.37846	(20120702)		
436765.03	3712038.34	20.62390	(20120702)	436790.03
3712038.34	20.73800	(19120806)		
436815.03	3712038.34	21.09378	(19120806)	436840.03
3712038.34	20.85782	(19052823)		
436715.03	3712063.34	19.62412	(17102803)	436740.03
3712063.34	20.10844	(20120702)		
436765.03	3712063.34	20.13824	(20120702)	436790.03
3712063.34	20.46359	(19120806)		
436815.03	3712063.34	20.60955	(19120806)	436840.03
3712063.34	20.57700	(21121219)		
436865.03	3712063.34	20.81029	(21121219)	436740.03
3712088.34	19.78717	(20120702)		
436765.03	3712088.34	19.62396	(20120702)	436790.03
3712088.34	20.15057	(19120806)		
436815.03	3712088.34	20.10052	(19120806)	436840.03
3712088.34	20.27206	(21121219)		
436865.03	3712088.34	20.31056	(21121219)	436890.03
3712088.34	20.21246	(20091402)		
436915.03	3712088.34	20.06458	(21090703)	436740.03
3712113.34	19.43272	(20120702)		
436765.03	3712113.34	19.19853	(19120806)	436790.03
3712113.34	19.80652	(19120806)		
436815.03	3712113.34	19.57274	(19120806)	436840.03
3712113.34	19.91490	(21121219)		
436865.03	3712113.34	19.79693	(21121219)	436890.03
3712113.34	19.71982	(20091402)		
436915.03	3712113.34	19.73849	(21090703)	436765.03
3712138.34	19.02229	(19120806)		
436790.03	3712138.34	19.43611	(19120806)	436815.03
3712138.34	19.17563	(19052823)		
436840.03	3712138.34	19.52875	(21121219)	436865.03
3712138.34	19.40229	(20091402)		
436890.03	3712138.34	19.18720	(20091402)	436915.03
3712138.34	19.34880	(21090703)		
436815.03	3712163.34	18.79495	(19052823)	436840.03
3712163.34	19.14377	(21121219)		
436865.03	3712163.34	19.01752	(20091402)	436890.03
3712163.34	18.75217	(20092722)		

436915.03 3712163.34 18.97318 (21090703) 436840.03
 3712188.34 18.74247 (21121219)
 436865.03 3712188.34 18.63509 (20091402) 436890.03
 3712188.34 18.37813 (20092722)

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 *** 15:52:39

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436915.03	3712188.34	18.61281	(21090703)	436890.03
3712213.34	17.96481	(20092722)		
436915.03	3712213.34	18.22350	(21090703)	436940.03
3712213.34	18.36476	(20050503)		
437683.43	3710179.48	16.81261	(17012020)	437708.43
3710179.48	16.25951	(17012020)		
437658.43	3710204.48	18.67243	(17012020)	437683.43
3710204.48	18.30059	(17012020)		
437708.43	3710204.48	17.80898	(17012020)	437633.43
3710229.48	20.79108	(17012020)		
437658.43	3710229.48	20.46652	(17012020)	437683.43
3710229.48	20.34206	(17012020)		
437708.43	3710229.48	19.99693	(17012020)	437733.43
3710229.48	19.25904	(17012020)		
437608.43	3710254.48	23.16269	(17012020)	437633.43
3710254.48	22.78230	(17012020)		
437658.43	3710254.48	22.48999	(17012020)	437683.43
3710254.48	22.15162	(17012020)		
437708.43	3710254.48	21.59489	(17012020)	437733.43
3710254.48	21.06133	(17012020)		
437758.43	3710254.48	20.43171	(17012020)	437583.43
3710279.48	25.66010	(17012020)		
437608.43	3710279.48	24.90538	(17012020)	437633.43
3710279.48	24.30062	(17012020)		

437658.43	3710279.48	23.68369	(17012020)	437683.43
3710279.48	22.99073	(17012020)		
437708.43	3710279.48	22.21655	(17012020)	437733.43
3710279.48	21.68948	(17012020)		
437758.43	3710279.48	21.31865	(19012103)	437583.43
3710304.48	27.28269	(17012020)		
437608.43	3710304.48	26.17728	(17012020)	437633.43
3710304.48	25.28464	(17012020)		
437658.43	3710304.48	24.22511	(17012020)	437683.43
3710304.48	23.20417	(17012020)		
437708.43	3710304.48	22.40462	(19012103)	437733.43
3710304.48	21.88487	(19012103)		
437758.43	3710304.48	21.32882	(19012103)	437783.43
3710304.48	20.19940	(19012103)		
437558.43	3710329.48	30.40965	(17012020)	437583.43
3710329.48	28.65069	(17012020)		
437608.43	3710329.48	27.02091	(17012020)	437633.43
3710329.48	25.55234	(17012020)		
437658.43	3710329.48	24.16716	(19012103)	437683.43
3710329.48	22.96344	(19012103)		
437708.43	3710329.48	22.06152	(19012103)	437733.43
3710329.48	21.13939	(19012103)		
437758.43	3710329.48	20.14924	(19012103)	437783.43
3710329.48	19.39992	(19012103)		
437808.43	3710329.48	18.99567	(19012103)	437533.43
3710354.48	34.13224	(17012020)		
437558.43	3710354.48	32.03293	(17012020)	437583.43
3710354.48	29.88729	(17012020)		
437608.43	3710354.48	27.49184	(19012103)	437633.43
3710354.48	24.97112	(19012103)		
437658.43	3710354.48	22.21881	(19012103)	437683.43
3710354.48	20.86949	(19012103)		
437708.43	3710354.48	19.74990	(19012103)	437733.43
3710354.48	18.66180	(19012103)		
437758.43	3710354.48	17.61268	(19012103)	437783.43
3710354.48	17.22803	(19021721)		
437808.43	3710354.48	18.94642	(19021721)	437833.43
3710354.48	19.05417	(17012019)		
437508.43	3710379.48	39.19337	(17012020)	437533.43
3710379.48	36.21821	(17012020)		
437558.43	3710379.48	33.67229	(19012103)	437583.43
3710379.48	31.77724	(19012103)		
437608.43	3710379.48	28.69582	(19012103)	437633.43
3710379.48	24.51279	(19012103)		
437658.43	3710379.48	22.31248	(19012103)	437683.43
3710379.48	20.97362	(19012103)		
437708.43	3710379.48	19.72044	(19021721)	437733.43
3710379.48	18.85189	(19021721)		
437758.43	3710379.48	18.02924	(17012019)	437783.43
3710379.48	18.74738	(17012019)		

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437808.43  3710379.48      19.90974  (17012019)      437833.43
3710379.48      19.03400  (17012019)
437508.43  3710404.48      41.24433  (17012020)      437533.43
3710404.48      38.18950  (19012103)
437558.43  3710404.48      35.67824  (19012103)      437583.43
3710404.48      33.02652  (19012103)
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
437608.43	3710404.48	28.46488	(19012103)	437633.43
3710404.48	23.81389	(19012103)		
437658.43	3710404.48	22.41937	(19021721)	437683.43
3710404.48	22.05190	(19021721)		
437708.43	3710404.48	21.11063	(17012019)	437733.43
3710404.48	19.75545	(17012019)		
437758.43	3710404.48	19.52079	(17012019)	437783.43
3710404.48	20.33545	(17012019)		
437808.43	3710404.48	20.52581	(17012019)	437833.43
3710404.48	19.56399	(17012019)		
437858.43	3710404.48	18.89267	(17012019)	437483.43
3710429.48	48.24501	(19012103)		
437508.43	3710429.48	43.52117	(19012103)	437533.43
3710429.48	39.90182	(19012103)		
437558.43	3710429.48	36.95116	(19012103)	437583.43
3710429.48	33.76162	(19012103)		
437608.43	3710429.48	29.57555	(19021721)	437633.43
3710429.48	26.09624	(17012019)		
437658.43	3710429.48	25.83697	(17012019)	437683.43
3710429.48	25.53638	(17012019)		
437708.43	3710429.48	24.10851	(17012019)	437733.43
3710429.48	22.25323	(17012019)		

437758.43	3710429.48	21.35226	(17012019)	437783.43
3710429.48	21.60143	(17012019)		
437808.43	3710429.48	21.34813	(17012019)	437833.43
3710429.48	20.49837	(18012018)		
437858.43	3710429.48	19.38355	(18012018)	437883.43
3710429.48	18.89194	(18012018)		
437483.43	3710454.48	50.45283	(19012103)	437508.43
3710454.48	44.81820	(19012103)		
437533.43	3710454.48	40.80382	(19021721)	437558.43
3710454.48	38.30331	(19021721)		
437583.43	3710454.48	36.09267	(17012019)	437608.43
3710454.48	32.92318	(17012019)		
437633.43	3710454.48	30.50416	(17012019)	437658.43
3710454.48	29.75974	(17012019)		
437683.43	3710454.48	28.47971	(17012019)	437708.43
3710454.48	26.22247	(17012019)		
437733.43	3710454.48	23.71053	(17012019)	437758.43
3710454.48	22.18710	(18012018)		
437783.43	3710454.48	22.44574	(18012018)	437808.43
3710454.48	22.20918	(18012018)		
437833.43	3710454.48	21.27985	(18012018)	437858.43
3710454.48	19.95607	(19012102)		
437883.43	3710454.48	19.02567	(19012102)	437483.43
3710479.48	51.80121	(19021721)		
437508.43	3710479.48	46.58449	(17012019)	437533.43
3710479.48	43.07878	(17012019)		
437558.43	3710479.48	40.28014	(17012019)	437583.43
3710479.48	37.90381	(17012019)		
437608.43	3710479.48	35.48177	(17012019)	437633.43
3710479.48	33.15156	(17012019)		
437658.43	3710479.48	30.97198	(18012018)	437683.43
3710479.48	28.73850	(18012018)		
437708.43	3710479.48	26.43397	(18012018)	437733.43
3710479.48	24.35357	(19012102)		
437758.43	3710479.48	23.15442	(19012102)	437783.43
3710479.48	23.12041	(19012102)		
437808.43	3710479.48	22.62617	(19012102)	437833.43
3710479.48	21.57253	(19012102)		
437858.43	3710479.48	20.66442	(19012102)	437883.43
3710479.48	19.86794	(19012102)		
437908.43	3710479.48	19.24832	(19012102)	437483.43
3710504.48	57.27559	(17012019)		
437508.43	3710504.48	49.67770	(17012019)	437533.43
3710504.48	45.60304	(17012019)		
437558.43	3710504.48	42.02435	(17012019)	437583.43
3710504.48	38.72983	(18012018)		
437608.43	3710504.48	35.74838	(18012018)	437633.43
3710504.48	33.26463	(19012102)		
437658.43	3710504.48	31.15943	(19012102)	437683.43
3710504.48	29.17183	(19012102)		

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437708.43 3710504.48 27.38301 (19012102) 437733.43
3710504.48 25.77585 (19012102)
437758.43 3710504.48 24.55187 (19012102) 437783.43
3710504.48 23.68326 (19012102)
437808.43 3710504.48 23.24662 (19012102) 437833.43
3710504.48 22.56523 (19012102)
437858.43 3710504.48 21.67221 (19012102) 437883.43
3710504.48 20.54922 (19012102)
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-	-	-	-	-
-	-	-	-	-
437908.43	3710504.48	19.24079	(19012102)	437483.43
3710529.48	66.97625	(18012018)		
437508.43	3710529.48	61.77026	(18012018)	437533.43
3710529.48	54.31039	(18012018)		
437558.43	3710529.48	46.34352	(19012102)	437583.43
3710529.48	41.40173	(19012102)		
437608.43	3710529.48	37.98500	(19012102)	437633.43
3710529.48	35.16718	(19012102)		
437658.43	3710529.48	32.59105	(19012102)	437683.43
3710529.48	30.43883	(19012102)		
437708.43	3710529.48	28.44112	(19012102)	437733.43
3710529.48	26.61013	(19012102)		
437758.43	3710529.48	25.03105	(19012102)	437783.43
3710529.48	24.10224	(19012102)		
437808.43	3710529.48	23.50411	(19012102)	437833.43
3710529.48	22.61302	(19012102)		
437858.43	3710529.48	21.36265	(19012102)	437883.43
3710529.48	20.18597	(19012102)		
437908.43	3710529.48	19.11172	(19012102)	437933.43
3710529.48	18.55901	(19012102)		

437508.43	3710554.48	71.92345	(19012024)	437533.43
3710554.48	64.86628	(19012102)		
437558.43	3710554.48	56.42672	(19012102)	437583.43
3710554.48	48.97364	(19012102)		
437608.43	3710554.48	42.45621	(19012102)	437633.43
3710554.48	37.83709	(19012102)		
437658.43	3710554.48	34.31667	(19012102)	437683.43
3710554.48	31.08207	(19012102)		
437708.43	3710554.48	28.80733	(18122507)	437733.43
3710554.48	27.30865	(18122507)		
437758.43	3710554.48	25.97407	(18122507)	437783.43
3710554.48	25.18661	(18122507)		
437808.43	3710554.48	24.50047	(18122507)	437833.43
3710554.48	23.69528	(18122507)		
437858.43	3710554.48	22.75685	(18122507)	437883.43
3710554.48	21.86157	(18122507)		
437908.43	3710554.48	20.97402	(18122507)	437933.43
3710554.48	20.06154	(18122507)		
437508.43	3710579.48	75.89436	(19022103)	437533.43
3710579.48	71.36601	(19022103)		
437558.43	3710579.48	65.55895	(19022103)	437583.43
3710579.48	58.53723	(19022103)		
437608.43	3710579.48	50.80579	(19022103)	437633.43
3710579.48	45.93852	(18122507)		
437658.43	3710579.48	42.08319	(18122507)	437683.43
3710579.48	36.75693	(18122507)		
437708.43	3710579.48	32.47419	(18122507)	437733.43
3710579.48	30.61132	(18122507)		
437758.43	3710579.48	29.23409	(18122507)	437783.43
3710579.48	28.15533	(18122507)		
437808.43	3710579.48	26.95082	(18122507)	437833.43
3710579.48	25.89224	(18122507)		
437858.43	3710579.48	24.99966	(18122507)	437883.43
3710579.48	23.84777	(18122507)		
437908.43	3710579.48	22.73704	(18122507)	437933.43
3710579.48	21.52395	(18122507)		
437508.43	3710604.48	77.05287	(18122503)	437533.43
3710604.48	73.13925	(18122503)		
437558.43	3710604.48	69.19795	(18122503)	437583.43
3710604.48	65.25447	(18122507)		
437608.43	3710604.48	60.97236	(18122507)	437633.43
3710604.48	57.21189	(18122507)		
437658.43	3710604.48	52.75670	(18122507)	437683.43
3710604.48	44.91590	(18122507)		
437708.43	3710604.48	36.40931	(18122507)	437733.43
3710604.48	33.74023	(18122507)		
437758.43	3710604.48	32.43822	(18122507)	437783.43
3710604.48	31.10377	(18122507)		
437808.43	3710604.48	29.40042	(18122507)	437833.43
3710604.48	27.84409	(18122507)		

437858.43	3710604.48	26.71564	(18122507)	437883.43
3710604.48	25.13683	(18122507)		
437908.43	3710604.48	23.90441	(18122507)	437933.43
3710604.48	22.99338	(18122507)		
437958.43	3710604.48	22.31586	(18122507)	437483.43
3710629.48	83.82850	(18122503)		
437508.43	3710629.48	80.77174	(18122503)	437533.43
3710629.48	77.17046	(18122507)		
437558.43	3710629.48	73.55310	(18122507)	437583.43
3710629.48	69.83942	(18122507)		

^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
 BESS\Compass\Compass.isc *** 05/08/25
 *** AERMET - VERSION 22112 *** ***
 *** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

437608.43	3710629.48	66.16634	(18122507)	437633.43
3710629.48	62.51472	(18122507)		
437658.43	3710629.48	57.87039	(18122507)	437683.43
3710629.48	50.24022	(18122507)		
437708.43	3710629.48	40.53452	(18122507)	437733.43
3710629.48	35.97841	(18122507)		
437758.43	3710629.48	34.45817	(18122507)	437783.43
3710629.48	32.90991	(18122507)		
437808.43	3710629.48	30.95676	(18122507)	437833.43
3710629.48	28.76714	(18122507)		
437858.43	3710629.48	27.43881	(18122507)	437883.43
3710629.48	26.26765	(18122507)		
437908.43	3710629.48	25.42271	(18122507)	437933.43
3710629.48	24.69821	(18122507)		
437958.43	3710629.48	23.56745	(18122507)	437458.43
3710654.48	82.45987	(18122506)		
437483.43	3710654.48	80.55427	(18122506)	437508.43
3710654.48	79.32257	(18122506)		

437533.43	3710654.48	77.08480	(18122506)	437558.43
3710654.48	73.47844	(18122506)		
437583.43	3710654.48	69.49294	(18122506)	437608.43
3710654.48	65.89070	(18122507)		
437633.43	3710654.48	62.59806	(18122507)	437658.43
3710654.48	58.86130	(18122507)		
437683.43	3710654.48	52.27110	(18122507)	437708.43
3710654.48	42.35076	(18122507)		
437733.43	3710654.48	37.01911	(18122507)	437758.43
3710654.48	34.98419	(18122507)		
437783.43	3710654.48	33.15756	(18122507)	437808.43
3710654.48	31.37472	(18122507)		
437833.43	3710654.48	29.50400	(18122507)	437858.43
3710654.48	28.54304	(18122507)		
437883.43	3710654.48	27.47974	(18122507)	437908.43
3710654.48	26.24838	(18122507)		
437933.43	3710654.48	25.05035	(18122507)	437958.43
3710654.48	23.83086	(18122507)		
437458.43	3710679.48	82.61130	(17121917)	437483.43
3710679.48	80.38494	(19012101)		
437508.43	3710679.48	79.46272	(19012101)	437533.43
3710679.48	77.21201	(19012101)		
437558.43	3710679.48	73.41885	(19012101)	437583.43
3710679.48	69.25474	(19012101)		
437608.43	3710679.48	65.32944	(19012101)	437633.43
3710679.48	62.07972	(18122506)		
437658.43	3710679.48	58.59819	(18122506)	437683.43
3710679.48	51.90351	(18122506)		
437708.43	3710679.48	41.46912	(17012018)	437733.43
3710679.48	36.54264	(17012018)		
437758.43	3710679.48	34.37607	(18122507)	437783.43
3710679.48	32.79447	(18122507)		
437808.43	3710679.48	31.16175	(18122507)	437833.43
3710679.48	29.42618	(18122507)		
437858.43	3710679.48	28.32935	(18122507)	437883.43
3710679.48	27.18807	(18122507)		
437908.43	3710679.48	25.99179	(18122507)	437933.43
3710679.48	24.97022	(18122507)		
437958.43	3710679.48	23.96790	(18122507)	437983.43
3710679.48	23.17785	(18122507)		
437458.43	3710704.48	80.88693	(21010117)	437483.43
3710704.48	78.22449	(21010117)		
437508.43	3710704.48	77.48896	(20020818)	437533.43
3710704.48	75.47521	(20020818)		
437558.43	3710704.48	72.15128	(19012101)	437583.43
3710704.48	68.84784	(19012101)		
437608.43	3710704.48	65.58710	(19012101)	437633.43
3710704.48	62.41682	(19012101)		
437658.43	3710704.48	58.87373	(19012101)	437683.43
3710704.48	51.37766	(19012101)		

437708.43	3710704.48	41.18618	(17012018)	437733.43
3710704.48	37.11606	(17012018)		
437758.43	3710704.48	35.01732	(17012018)	437783.43
3710704.48	33.41891	(17012018)		
437808.43	3710704.48	31.70249	(17012018)	437833.43
3710704.48	29.81251	(17012018)		
437858.43	3710704.48	28.48102	(17012018)	437883.43
3710704.48	27.30615	(17012018)		
437908.43	3710704.48	26.17844	(17012018)	437933.43
3710704.48	25.18375	(17012018)		
437958.43	3710704.48	24.08103	(17012018)	437983.43
3710704.48	22.86900	(17012018)		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

437458.43	3710729.48	80.77164	(20012117)	437483.43
3710729.48	76.85496	(20123124)		
437508.43	3710729.48	76.21211	(18021902)	437533.43
3710729.48	74.60930	(20020818)		
437558.43	3710729.48	72.09177	(20020818)	437583.43
3710729.48	68.71850	(20020818)		
437608.43	3710729.48	65.28573	(20020818)	437633.43
3710729.48	61.94596	(20020818)		
437658.43	3710729.48	58.30413	(20020818)	437683.43
3710729.48	50.31227	(20020818)		
437708.43	3710729.48	40.15452	(20020818)	437733.43
3710729.48	36.72168	(17012018)		
437758.43	3710729.48	34.92044	(17012018)	437783.43
3710729.48	33.32458	(17012018)		
437808.43	3710729.48	31.72608	(17012018)	437833.43
3710729.48	29.85295	(17012018)		

437858.43	3710729.48	28.70974	(17012018)	437883.43
3710729.48	27.76200	(17012018)		
437908.43	3710729.48	26.71633	(17012018)	437933.43
3710729.48	25.61542	(17012018)		
437958.43	3710729.48	24.42336	(17012018)	437983.43
3710729.48	23.20317	(17012018)		
437458.43	3710754.48	80.18693	(17120317)	437483.43
3710754.48	76.47189	(20012117)		
437508.43	3710754.48	74.17082	(17022318)	437533.43
3710754.48	72.73218	(17022318)		
437558.43	3710754.48	69.60324	(17022318)	437583.43
3710754.48	66.78626	(18021902)		
437608.43	3710754.48	63.79753	(18021902)	437633.43
3710754.48	60.85636	(20020818)		
437658.43	3710754.48	57.61307	(20020818)	437683.43
3710754.48	49.50194	(20020818)		
437708.43	3710754.48	40.96470	(20020818)	437733.43
3710754.48	38.07072	(20020818)		
437758.43	3710754.48	36.30399	(20020818)	437783.43
3710754.48	34.41754	(20020818)		
437808.43	3710754.48	32.25087	(20020818)	437833.43
3710754.48	29.95249	(20020818)		
437858.43	3710754.48	28.80862	(20020818)	437883.43
3710754.48	27.48206	(20020818)		
437908.43	3710754.48	26.11444	(17012018)	437933.43
3710754.48	24.99538	(17012018)		
437958.43	3710754.48	24.14132	(17012018)	437983.43
3710754.48	23.33014	(17012018)		
438008.43	3710754.48	22.55934	(17012018)	437458.43
3710779.48	79.97411	(17122019)		
437483.43	3710779.48	75.27671	(17120317)	437508.43
3710779.48	73.14794	(17120317)		
437533.43	3710779.48	70.84725	(17120317)	437558.43
3710779.48	68.32457	(19122417)		
437583.43	3710779.48	65.02115	(17022318)	437608.43
3710779.48	62.35427	(17022318)		
437633.43	3710779.48	58.78224	(17022318)	437658.43
3710779.48	52.44482	(18021902)		
437683.43	3710779.48	45.00685	(20020818)	437708.43
3710779.48	40.61869	(20020818)		
437733.43	3710779.48	38.33222	(20020818)	437758.43
3710779.48	36.24241	(20020818)		
437783.43	3710779.48	34.26098	(20020818)	437808.43
3710779.48	32.37254	(20020818)		
437833.43	3710779.48	30.50605	(20020818)	437858.43
3710779.48	29.17496	(20020818)		
437883.43	3710779.48	27.82888	(20020818)	437908.43
3710779.48	26.74837	(20020818)		
437933.43	3710779.48	25.76713	(20020818)	437958.43
3710779.48	24.77422	(20020818)		

437983.43	3710779.48	23.59243	(20020818)	438008.43
3710779.48	22.31094	(20020818)		
437458.43	3710804.48	81.23057	(17122019)	437483.43
3710804.48	74.26868	(17122019)		
437508.43	3710804.48	69.65466	(17122019)	437533.43
3710804.48	68.61504	(18021903)		
437558.43	3710804.48	67.58143	(18021903)	437583.43
3710804.48	64.80421	(18021903)		
437608.43	3710804.48	61.37400	(19122417)	437633.43
3710804.48	57.59964	(19021521)		
437658.43	3710804.48	49.63214	(19021521)	437683.43
3710804.48	43.22980	(19021521)		
437708.43	3710804.48	39.45033	(19021521)	437733.43
3710804.48	37.48636	(18021902)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437758.43	3710804.48	35.62353	(18021902)	437783.43
3710804.48	33.94726	(20020818)		
437808.43	3710804.48	32.40253	(20020818)	437833.43
3710804.48	30.59748	(20020818)		
437858.43	3710804.48	29.08095	(20020818)	437883.43
3710804.48	28.12803	(20020818)		
437908.43	3710804.48	27.11310	(20020818)	437933.43
3710804.48	26.03131	(20020818)		
437958.43	3710804.48	24.92171	(20020818)	437983.43
3710804.48	23.86156	(20020818)		
438008.43	3710804.48	22.89160	(20020818)	438033.43
3710804.48	22.22040	(20020818)		
437458.43	3710829.48	79.32168	(18022222)	437483.43
3710829.48	72.46366	(18022222)		

437508.43	3710829.48	68.00801	(17122019)	437533.43
3710829.48	66.96806	(17122019)		
437558.43	3710829.48	65.49834	(17122019)	437583.43
3710829.48	63.30491	(18021903)		
437608.43	3710829.48	61.55273	(18021903)	437633.43
3710829.48	57.56531	(18021903)		
437658.43	3710829.48	50.30818	(19021521)	437683.43
3710829.48	44.46838	(19021521)		
437708.43	3710829.48	40.52399	(19021521)	437733.43
3710829.48	38.26291	(19021521)		
437758.43	3710829.48	36.09835	(19021521)	437783.43
3710829.48	33.68886	(19021521)		
437808.43	3710829.48	31.67291	(18021902)	437833.43
3710829.48	29.92104	(18021902)		
437858.43	3710829.48	28.37360	(20020818)	437883.43
3710829.48	27.64994	(20020818)		
437908.43	3710829.48	26.57982	(20020818)	437933.43
3710829.48	25.62330	(20020818)		
437958.43	3710829.48	24.80700	(20020818)	437983.43
3710829.48	24.10960	(20020818)		
438008.43	3710829.48	23.41639	(20020818)	438033.43
3710829.48	22.47109	(20020818)		
437458.43	3710854.48	72.84471	(18022222)	437483.43
3710854.48	70.59504	(18022222)		
437508.43	3710854.48	66.97291	(18022222)	437533.43
3710854.48	64.18301	(18022222)		
437558.43	3710854.48	63.61809	(17122019)	437583.43
3710854.48	62.42467	(17122019)		
437608.43	3710854.48	60.10364	(17122019)	437633.43
3710854.48	56.59660	(18021903)		
437658.43	3710854.48	52.58222	(18021903)	437683.43
3710854.48	45.98985	(18021903)		
437708.43	3710854.48	40.74624	(19021521)	437733.43
3710854.48	38.41417	(19021521)		
437758.43	3710854.48	36.68147	(19021521)	437783.43
3710854.48	34.54210	(19021521)		
437808.43	3710854.48	32.42110	(19021521)	437833.43
3710854.48	30.42587	(19021521)		
437858.43	3710854.48	28.53504	(19021521)	437883.43
3710854.48	26.96712	(19021521)		
437908.43	3710854.48	25.89630	(18021902)	437933.43
3710854.48	25.20592	(18021902)		
437958.43	3710854.48	24.54837	(18021902)	437983.43
3710854.48	23.99344	(20020818)		
438008.43	3710854.48	23.47205	(20020818)	438033.43
3710854.48	22.71531	(20020818)		
438058.43	3710854.48	22.88438	(20020818)	437458.43
3710879.48	67.22193	(18122117)		
437483.43	3710879.48	63.68212	(18022222)	437508.43
3710879.48	63.33022	(18022222)		

437533.43	3710879.48	62.78178	(18022222)	437558.43
3710879.48	61.64768	(18022222)		
437583.43	3710879.48	59.07833	(18022222)	437608.43
3710879.48	58.11896	(17122019)		
437633.43	3710879.48	56.60739	(17122019)	437658.43
3710879.48	53.91576	(17122019)		
437683.43	3710879.48	48.25938	(17122019)	437708.43
3710879.48	40.88398	(18021903)		
437733.43	3710879.48	37.54981	(18021903)	437758.43
3710879.48	35.99341	(19021521)		
437783.43	3710879.48	34.64148	(19021521)	437808.43
3710879.48	33.04849	(19021521)		
437833.43	3710879.48	31.53274	(19021521)	437858.43
3710879.48	29.69393	(19021521)		
437883.43	3710879.48	27.86511	(19021521)	437908.43
3710879.48	26.82604	(19021521)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437933.43	3710879.48	25.89057	(19021521)	437958.43
3710879.48	24.53428	(19021521)		
437983.43	3710879.48	23.55091	(18021902)	438008.43
3710879.48	23.17529	(18021902)		
438033.43	3710879.48	22.97821	(18021902)	438058.43
3710879.48	22.57674	(18021902)		
438083.43	3710879.48	22.17344	(18021902)	437483.43
3710904.48	62.94160	(18122117)		
437508.43	3710904.48	57.95285	(17021107)	437533.43
3710904.48	57.76195	(18022222)		
437558.43	3710904.48	58.48468	(18022222)	437583.43
3710904.48	57.77492	(18022222)		

437608.43	3710904.48	55.92370	(18022222)	437633.43
3710904.48	53.52764	(19020522)		
437658.43	3710904.48	52.73378	(17122019)	437683.43
3710904.48	49.92412	(17122019)		
437708.43	3710904.48	41.90529	(17122019)	437733.43
3710904.48	36.97362	(17122019)		
437758.43	3710904.48	35.42195	(18021903)	437783.43
3710904.48	34.36202	(18021903)		
437808.43	3710904.48	32.83592	(18021903)	437833.43
3710904.48	31.33919	(19021521)		
437858.43	3710904.48	29.67062	(19021521)	437883.43
3710904.48	28.17444	(19021521)		
437908.43	3710904.48	27.37864	(19021521)	437933.43
3710904.48	26.43834	(19021521)		
437958.43	3710904.48	25.14870	(19021521)	437983.43
3710904.48	24.08860	(19021521)		
438008.43	3710904.48	23.64307	(19021521)	438033.43
3710904.48	23.01887	(19021521)		
438058.43	3710904.48	22.51739	(18021902)	438083.43
3710904.48	21.90529	(18021902)		
438108.43	3710904.48	21.42202	(18021902)	437508.43
3710929.48	58.12160	(18122117)		
437533.43	3710929.48	54.42000	(18122117)	437558.43
3710929.48	52.57104	(18022222)		
437583.43	3710929.48	53.65210	(18022222)	437608.43
3710929.48	53.52985	(18022222)		
437633.43	3710929.48	52.48320	(18022222)	437658.43
3710929.48	51.20070	(18021904)		
437683.43	3710929.48	48.99081	(19020522)	437708.43
3710929.48	43.16526	(19020522)		
437733.43	3710929.48	37.84125	(18011920)	437758.43
3710929.48	35.15097	(17122019)		
437783.43	3710929.48	33.50383	(17122019)	437808.43
3710929.48	32.07169	(18021903)		
437833.43	3710929.48	30.79500	(18021903)	437858.43
3710929.48	29.44463	(18021903)		
437883.43	3710929.48	28.28957	(19021521)	437908.43
3710929.48	27.32261	(19021521)		
437933.43	3710929.48	26.41983	(19021521)	437958.43
3710929.48	25.75670	(19021521)		
437983.43	3710929.48	25.10732	(19021521)	438008.43
3710929.48	24.37056	(19021521)		
438033.43	3710929.48	23.53704	(19021521)	438058.43
3710929.48	22.80064	(19021521)		
438083.43	3710929.48	21.99401	(19021521)	438108.43
3710929.48	21.09199	(19021521)		
438133.43	3710929.48	20.55233	(18021902)	437558.43
3710954.48	51.22805	(18122117)		
437583.43	3710954.48	48.55665	(17021107)	437608.43
3710954.48	48.87462	(18022222)		

437633.43	3710954.48	49.34403	(18022222)	437658.43
3710954.48	49.12713	(18022222)		
437683.43	3710954.48	48.68026	(18021904)	437708.43
3710954.48	46.23691	(18021904)		
437733.43	3710954.48	40.55290	(19020522)	437758.43
3710954.48	35.55087	(19020522)		
437783.43	3710954.48	33.47236	(18011920)	437808.43
3710954.48	31.99657	(17122019)		
437833.43	3710954.48	30.53143	(17122019)	437858.43
3710954.48	29.10625	(18021903)		
437883.43	3710954.48	28.14797	(18021903)	437908.43
3710954.48	27.04100	(18021903)		
437933.43	3710954.48	26.13244	(18021903)	437958.43
3710954.48	25.62407	(19021521)		
437983.43	3710954.48	25.24137	(19021521)	438008.43
3710954.48	24.55779	(19021521)		
438033.43	3710954.48	23.69842	(19021521)	438058.43
3710954.48	22.95283	(19021521)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
438083.43	3710954.48	22.31881	(19021521)	438108.43
3710954.48	21.58616	(19021521)		
438133.43	3710954.48	20.96781	(19021521)	438158.43
3710954.48	20.38750	(19021521)		
437583.43	3710979.48	48.10271	(18122117)	437608.43
3710979.48	45.86918	(17021107)		
437633.43	3710979.48	44.30248	(18022222)	437658.43
3710979.48	45.15630	(18022222)		
437683.43	3710979.48	45.43713	(18022222)	437708.43
3710979.48	45.49697	(18021904)		

437733.43	3710979.48	43.55523	(18021904)	437758.43
3710979.48	36.68704	(18021904)		
437783.43	3710979.48	33.48242	(19020522)	437808.43
3710979.48	31.98994	(19020522)		
437833.43	3710979.48	30.62636	(18011920)	437858.43
3710979.48	29.19554	(17122019)		
437883.43	3710979.48	27.90889	(17122019)	437908.43
3710979.48	26.62092	(17122019)		
437933.43	3710979.48	26.00924	(18021903)	437958.43
3710979.48	25.30318	(18021903)		
437983.43	3710979.48	24.79778	(18021903)	438008.43
3710979.48	24.16481	(18021903)		
438033.43	3710979.48	23.37817	(19021521)	438058.43
3710979.48	22.73400	(19021521)		
438083.43	3710979.48	22.24163	(19021521)	438108.43
3710979.48	21.70587	(19021521)		
438133.43	3710979.48	21.31359	(19021521)	438158.43
3710979.48	20.87881	(19021521)		
438183.43	3710979.48	20.34497	(19021521)	437583.43
3711004.48	46.10992	(18122117)		
437608.43	3711004.48	45.11199	(18122117)	437633.43
3711004.48	43.32822	(18122117)		
437658.43	3711004.48	41.13880	(17021107)	437683.43
3711004.48	40.64802	(18022222)		
437708.43	3711004.48	41.58245	(18022222)	437733.43
3711004.48	42.84604	(18021904)		
437758.43	3711004.48	38.23916	(18021904)	437783.43
3711004.48	33.72815	(18021904)		
437808.43	3711004.48	31.81471	(18021904)	437833.43
3711004.48	30.37867	(19020522)		
437858.43	3711004.48	29.11135	(19020522)	437883.43
3711004.48	27.95266	(18011920)		
437908.43	3711004.48	26.92398	(17122019)	437933.43
3711004.48	26.12144	(17122019)		
437958.43	3711004.48	24.74975	(17122019)	437983.43
3711004.48	24.04448	(18021903)		
438008.43	3711004.48	23.56170	(18021903)	438033.43
3711004.48	22.94827	(18021903)		
438058.43	3711004.48	22.43100	(18021903)	438083.43
3711004.48	22.00763	(18021903)		
438108.43	3711004.48	21.54302	(19021521)	438133.43
3711004.48	21.22364	(19021521)		
438158.43	3711004.48	20.98151	(19021521)	438183.43
3711004.48	20.58615	(19021521)		
438208.43	3711004.48	20.11249	(19021521)	437608.43
3711029.48	42.90419	(18122117)		
437633.43	3711029.48	42.27046	(18122117)	437658.43
3711029.48	40.81143	(18122117)		
437683.43	3711029.48	38.76417	(17021107)	437708.43
3711029.48	37.60693	(18022219)		

437733.43	3711029.48	39.27904	(18022222)	437758.43
3711029.48	39.32354	(18021904)		
437783.43	3711029.48	34.26112	(18021904)	437808.43
3711029.48	31.46069	(18021904)		
437833.43	3711029.48	30.32672	(18021904)	437858.43
3711029.48	29.33768	(18021904)		
437883.43	3711029.48	28.22730	(19020522)	437908.43
3711029.48	27.13825	(19020522)		
437933.43	3711029.48	26.01988	(18011920)	437958.43
3711029.48	24.79121	(17122019)		
437983.43	3711029.48	24.19466	(17122019)	438008.43
3711029.48	23.34227	(17122019)		
438033.43	3711029.48	22.40414	(18021903)	438058.43
3711029.48	22.05401	(18021903)		
438083.43	3711029.48	21.88180	(18021903)	438108.43
3711029.48	21.49005	(18021903)		
438133.43	3711029.48	21.00314	(18021903)	438158.43
3711029.48	20.69542	(18021903)		
438183.43	3711029.48	20.48837	(19021521)	438208.43
3711029.48	20.15549	(19021521)		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
438233.43	3711029.48	19.72062	(19021521)	437608.43
3711054.48	41.02233	(17021119)		
437633.43	3711054.48	40.33470	(17021119)	437658.43
3711054.48	39.65330	(18122117)		
437683.43	3711054.48	38.48542	(18122117)	437708.43
3711054.48	36.81484	(18122117)		
437733.43	3711054.48	35.79237	(18022219)	437758.43
3711054.48	36.67240	(18022222)		

437783.43	3711054.48	35.86326	(18021904)	437808.43
3711054.48	31.64120	(18021904)		
437833.43	3711054.48	29.81662	(18021904)	437858.43
3711054.48	28.97622	(18021904)		
437883.43	3711054.48	28.08410	(18021904)	437908.43
3711054.48	26.97583	(18021904)		
437933.43	3711054.48	25.78587	(19020522)	437958.43
3711054.48	24.71498	(19020522)		
437983.43	3711054.48	24.11283	(18011920)	438008.43
3711054.48	23.47396	(17122019)		
438033.43	3711054.48	22.62169	(17122019)	438058.43
3711054.48	21.73225	(17122019)		
438083.43	3711054.48	21.14912	(17122019)	438108.43
3711054.48	21.05336	(18021903)		
438133.43	3711054.48	20.79440	(18021903)	438158.43
3711054.48	20.46005	(18021903)		
438183.43	3711054.48	20.26488	(18021903)	438208.43
3711054.48	20.01491	(18021903)		
438233.43	3711054.48	19.62466	(18021903)	437633.43
3711079.48	38.73333	(19122917)		
437658.43	3711079.48	37.87267	(17021119)	437683.43
3711079.48	37.06738	(18122117)		
437708.43	3711079.48	36.14575	(18122117)	437733.43
3711079.48	34.93166	(18122117)		
437758.43	3711079.48	34.41586	(17021107)	437783.43
3711079.48	34.18156	(18021904)		
437808.43	3711079.48	32.67480	(18021904)	437833.43
3711079.48	29.80976	(18021904)		
437858.43	3711079.48	28.56811	(18021904)	437883.43
3711079.48	27.90471	(18021904)		
437908.43	3711079.48	27.02396	(18021904)	437933.43
3711079.48	25.95803	(18021904)		
437958.43	3711079.48	24.85150	(18021904)	437983.43
3711079.48	23.98634	(19020522)		
438008.43	3711079.48	23.26367	(19020522)	438033.43
3711079.48	22.56631	(18011920)		
438058.43	3711079.48	21.73920	(17122019)	438083.43
3711079.48	21.07319	(17122019)		
438108.43	3711079.48	20.71242	(17122019)	438133.43
3711079.48	20.30194	(17122019)		
438158.43	3711079.48	19.93471	(18021903)	438183.43
3711079.48	19.84642	(18021903)		
437633.43	3711104.48	38.32606	(19122917)	437658.43
3711104.48	36.62697	(19122917)		
437683.43	3711104.48	35.56131	(17021119)	437708.43
3711104.48	34.62157	(18122117)		
437733.43	3711104.48	34.09057	(18122117)	437758.43
3711104.48	33.60153	(18122117)		
437783.43	3711104.48	33.37817	(17021107)	437808.43
3711104.48	31.57439	(18021904)		

437833.43	3711104.48	30.07782	(18021904)	437858.43
3711104.48	28.39251	(18021904)		
437883.43	3711104.48	27.53443	(18021904)	437908.43
3711104.48	26.68243	(18021904)		
437933.43	3711104.48	25.84251	(18021904)	437958.43
3711104.48	24.89073	(18021904)		
437983.43	3711104.48	23.95625	(18021904)	438008.43
3711104.48	23.12106	(18021904)		
438033.43	3711104.48	22.47060	(19020522)	438058.43
3711104.48	21.69718	(19020522)		
438083.43	3711104.48	20.92803	(18011920)	438108.43
3711104.48	20.42107	(17122019)		
438133.43	3711104.48	20.11112	(17122019)	438158.43
3711104.48	19.80643	(17122019)		
437633.43	3711129.48	37.32337	(19122917)	437658.43
3711129.48	36.51165	(19122917)		
437683.43	3711129.48	34.99118	(19122917)	437708.43
3711129.48	33.66393	(17021119)		
437733.43	3711129.48	32.74891	(17021119)	437758.43
3711129.48	32.54052	(18122117)		
437783.43	3711129.48	32.50559	(18122117)	437808.43
3711129.48	32.08145	(18122117)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437833.43	3711129.48	29.22914	(17021107)	437858.43
3711129.48	28.24369	(18021904)		
437883.43	3711129.48	27.14130	(18021904)	437908.43
3711129.48	25.97406	(18021904)		
437933.43	3711129.48	25.16907	(18021904)	437958.43
3711129.48	24.44844	(18021904)		

437983.43	3711129.48	23.72685	(18021904)	438008.43
3711129.48	23.01186	(18021904)		
438033.43	3711129.48	22.38793	(18021904)	438058.43
3711129.48	21.70441	(18021904)		
438083.43	3711129.48	20.91585	(19020522)	438108.43
3711129.48	20.20917	(19020522)		
438133.43	3711129.48	19.86504	(18011920)	438158.43
3711129.48	19.81668	(17122019)		
437633.43	3711154.48	36.59100	(17010218)	437658.43
3711154.48	36.25137	(19122917)		
437683.43	3711154.48	35.33984	(19122917)	437708.43
3711154.48	33.70922	(19122917)		
437733.43	3711154.48	32.03825	(17021119)	437758.43
3711154.48	31.27646	(17021119)		
437783.43	3711154.48	31.06935	(18122117)	437808.43
3711154.48	31.29426	(18122117)		
437833.43	3711154.48	30.72665	(18122117)	437858.43
3711154.48	28.15871	(17021107)		
437883.43	3711154.48	26.75532	(18021904)	437908.43
3711154.48	25.23588	(18021904)		
437933.43	3711154.48	23.98632	(18021904)	437958.43
3711154.48	23.46217	(18021904)		
437983.43	3711154.48	23.16327	(18021904)	438008.43
3711154.48	22.80780	(18021904)		
438033.43	3711154.48	22.18039	(18021904)	438058.43
3711154.48	21.56613	(18021904)		
438083.43	3711154.48	20.90919	(18021904)	438108.43
3711154.48	20.38820	(18021904)		
438133.43	3711154.48	20.20099	(19020522)	437633.43
3711179.48	35.29641	(18020618)		
437658.43	3711179.48	35.09928	(17010218)	437683.43
3711179.48	34.58451	(19122917)		
437708.43	3711179.48	33.89577	(19122917)	437733.43
3711179.48	32.19796	(19122917)		
437758.43	3711179.48	30.42446	(17012118)	437783.43
3711179.48	29.95168	(17021119)		
437808.43	3711179.48	29.71823	(18122117)	437833.43
3711179.48	30.02374	(18122117)		
437858.43	3711179.48	29.58512	(18122117)	437883.43
3711179.48	27.41712	(17021107)		
437908.43	3711179.48	24.62162	(18021904)	437933.43
3711179.48	23.02158	(18021904)		
437958.43	3711179.48	22.56599	(18021904)	437983.43
3711179.48	22.44189	(18021904)		
438008.43	3711179.48	22.16487	(18021904)	438033.43
3711179.48	21.68227	(18021904)		
438058.43	3711179.48	21.27938	(18021904)	438083.43
3711179.48	21.10715	(18021904)		
437633.43	3711204.48	34.38684	(18021605)	437658.43
3711204.48	33.44459	(17010218)		

437683.43	3711204.48	33.45021	(17010218)	437708.43
3711204.48	32.98240	(19122917)		
437733.43	3711204.48	32.18778	(19122917)	437758.43
3711204.48	30.52753	(19122917)		
437783.43	3711204.48	29.04312	(17012118)	437808.43
3711204.48	28.62342	(17021119)		
437833.43	3711204.48	28.29007	(18122117)	437858.43
3711204.48	28.72655	(18122117)		
437883.43	3711204.48	28.32789	(18122117)	437958.43
3711204.48	21.35068	(18021904)		
437983.43	3711204.48	21.25179	(18021904)	438008.43
3711204.48	21.12853	(18021904)		
438033.43	3711204.48	21.02559	(18021904)	438058.43
3711204.48	21.07607	(18021904)		
437633.43	3711229.48	34.47782	(18021605)	437658.43
3711229.48	33.22124	(18021605)		
437683.43	3711229.48	32.00597	(17010218)	437708.43
3711229.48	31.81107	(17010218)		
437733.43	3711229.48	31.41133	(19122917)	437758.43
3711229.48	30.42318	(19122917)		
437783.43	3711229.48	29.13186	(19122917)	437808.43
3711229.48	27.82766	(19122917)		
437833.43	3711229.48	27.36343	(17021119)	437858.43
3711229.48	27.13952	(17021119)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437883.43	3711229.48	27.87295	(18122117)	437958.43
3711229.48	19.84129	(18021904)		
437983.43	3711229.48	19.90418	(18021904)	438008.43
3711229.48	20.08269	(18021904)		

437633.43	3711254.48	34.12456	(18021605)	437658.43
3711254.48	33.02647	(18021605)		
437683.43	3711254.48	31.48173	(21123118)	437708.43
3711254.48	30.31929	(21123118)		
437733.43	3711254.48	30.15252	(17010218)	437758.43
3711254.48	29.68822	(19122917)		
437783.43	3711254.48	28.81462	(19122917)	437808.43
3711254.48	27.96059	(19122917)		
437833.43	3711254.48	26.81409	(19122917)	437858.43
3711254.48	26.36834	(17021119)		
437958.43	3711254.48	19.30763	(18122117)	437983.43
3711254.48	18.59096	(18021904)		
437633.43	3711279.48	32.90900	(18021605)	437658.43
3711279.48	32.24224	(18021605)		
437683.43	3711279.48	30.83092	(18021605)	437708.43
3711279.48	29.65564	(21123118)		
437733.43	3711279.48	28.58603	(21123118)	437758.43
3711279.48	28.17648	(19122917)		
437783.43	3711279.48	28.00504	(19122917)	437808.43
3711279.48	27.60090	(19122917)		
437833.43	3711279.48	26.86988	(19122917)	437858.43
3711279.48	25.92052	(19122917)		
437633.43	3711304.48	31.92496	(21021319)	437658.43
3711304.48	31.08550	(18021605)		
437683.43	3711304.48	30.30091	(18021605)	437708.43
3711304.48	29.03140	(18021605)		
437733.43	3711304.48	28.25479	(21123118)	437758.43
3711304.48	27.15250	(21123118)		
437783.43	3711304.48	26.76192	(19122917)	437808.43
3711304.48	26.80157	(19122917)		
437833.43	3711304.48	26.50388	(19122917)	437858.43
3711304.48	25.88605	(19122917)		
437633.43	3711329.48	31.27140	(21021319)	437658.43
3711329.48	29.90389	(21021319)		
437683.43	3711329.48	29.46141	(18021605)	437708.43
3711329.48	28.76351	(18021605)		
437733.43	3711329.48	27.64704	(21123118)	437758.43
3711329.48	26.97915	(21123118)		
437783.43	3711329.48	25.96084	(21123118)	437808.43
3711329.48	25.66778	(19022819)		
437833.43	3711329.48	25.74777	(19122917)	437733.43
3711354.48	27.45165	(18021605)		
437758.43	3711354.48	26.48136	(21123118)	437783.43
3711354.48	25.89564	(21123118)		
437808.43	3711354.48	24.93013	(21123118)	437833.43
3711354.48	24.73145	(19022819)		
437758.43	3711379.48	26.26387	(18021605)	437783.43
3711379.48	25.52787	(21123118)		
437808.43	3711379.48	24.98698	(21123118)	437783.43
3711404.48	25.37207	(18021605)		

437352.80	3710298.32	43.11311	(21020318)	437364.80
3710261.08	36.16041	(21020318)		
437370.47	3710234.58	32.57283	(21020318)	437383.73
3710196.71	28.26280	(21020318)		
437398.24	3710177.15	26.59559	(21020318)	437407.08
3710152.54	24.63474	(21020318)		
437413.39	3710127.30	22.64399	(21020318)	437414.65
3710097.64	19.70792	(21020318)		
437446.20	3710120.99	20.59526	(21020318)	437475.86
3710096.38	17.28214	(21020318)		
437442.42	3710073.66	17.82879	(21020318)	437427.27
3710057.25	17.59580	(21020318)		
437568.00	3710023.80	12.96168	(21020318)	436945.50
3712239.57	17.96762	(20050503)		
436912.81	3712076.12	20.20721	(20092722)	436855.61
3712046.16	21.11351	(21121219)		
436792.95	3711953.54	22.07905	(20120702)	436803.85
3711841.85	24.57497	(20120702)		
436727.57	3711741.05	26.05100	(19071305)	436683.98
3711680.65	27.70454	(17100222)		
436659.80	3711610.97	28.95960	(20101803)	436689.67
3711518.54	32.02165	(19082401)		
436692.51	3711396.24	35.81005	(20053122)	436671.18
3711309.50	38.90904	(20012624)		
436634.21	3711224.18	40.66817	(20082304)	436615.72
3711201.42	41.80063	(18070905)		
▲ *** AERMOD - VERSION 24142 *** C:\Users\apoll\Desktop\HARP2\HARP\Compass				
BESS\Compass\Compass.isc *** 05/08/25				
*** AERMET - VERSION 22112 ***				
*** 15:52:39				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436551.73	3711198.58	39.86557	(21090424)	436540.35
3711180.09	39.86947	(21090424)		

436506.22	3711060.64	42.64614	(20091302)	436476.36
3711057.80	41.92644	(20050502)		
436439.92	3710984.24	38.98259	(21090404)	436348.21
3710946.05	27.55931	(21012901)		
436363.06	3710878.80	29.37481	(18011318)	436362.19
3710841.25	29.59259	(21012201)		
436445.15	3710823.78	32.98631	(21012201)	436466.11
3710828.15	34.23632	(18011318)		
436510.65	3710830.77	36.26000	(18011318)	436541.22
3710823.78	37.81865	(18011318)		
436555.19	3710789.72	39.03065	(21012201)	436555.19
3710739.07	39.81659	(20120219)		
436576.15	3710701.51	41.61540	(17121219)	436576.15
3710683.17	41.79510	(21022320)		
436581.39	3710640.38	52.57952	(20020723)	436563.93
3710581.86	58.49575	(21120204)		
436552.57	3710556.54	56.08370	(21123108)	436528.99
3710557.41	54.06194	(21123108)		
436509.78	3710508.50	50.70083	(20040703)	436505.41
3710470.95	50.59000	(20030806)		
436509.78	3710423.79	48.99637	(21070705)	436506.29
3710384.49	47.64673	(18112723)		
436566.55	3710354.80	52.41512	(21122423)	436597.11
3710359.16	55.91863	(21122423)		
436563.93	3710299.77	44.08780	(21122423)	436550.83
3710258.73	35.91255	(17011607)		
436507.79	3710262.91	38.66028	(21122423)	436485.08
3710219.37	32.03610	(19120805)		
436467.41	3710237.04	35.51380	(21122423)	436439.65
3710332.95	42.01346	(19062806)		
436361.24	3710342.88	38.85120	(20101104)	436296.40
3710356.78	35.89408	(21070705)		
436245.46	3710491.09	36.26034	(21110503)	436208.40
3710551.30	35.31994	(21120204)		
436196.82	3710648.57	28.83440	(20020723)	436201.46
3710771.30	24.58978	(18120923)		
436233.88	3710903.30	25.21672	(18011318)	436261.67
3711079.30	30.11669	(21090404)		
436384.40	3711120.98	36.40790	(20050502)	436446.93
3711171.93	36.83408	(21021007)		
436490.93	3711352.56	33.06744	(18070905)	436490.93
3711542.46	28.64535	(20012624)		
436521.03	3711690.67	25.23952	(20053122)	436578.93
3711827.30	23.28808	(20101803)		
436602.09	3711878.24	22.59639	(17100222)	436648.40
3711959.30	21.01361	(19071305)		
436743.35	3712123.72	19.27283	(20120702)	436840.61
3712200.14	18.53892	(21121219)		
436893.87	3712225.61	17.70963	(21113022)	437700.99
3710157.48	15.36555	(17012020)		

437769.60	3710267.92	20.66932	(19012103)	437888.40
3710425.21	19.10482	(18012018)		
437945.29	3710542.34	19.46343	(18122507)	438018.92
3710764.89	22.32050	(17012018)		
438079.16	3710873.66	22.35131	(20020818)	438154.46
3710925.53	20.44816	(18021902)		
438259.88	3711047.68	19.19929	(19021521)	438181.23
3711084.49	19.73359	(18021903)		
438171.19	3711129.67	19.82460	(17122019)	437963.70
3711275.25	19.41547	(18122117)		
437920.19	3711156.45	24.64201	(18021904)	437839.88
3711363.94	24.43815	(19022819)		
437779.64	3711412.46	25.44244	(18021605)	437722.74
3711350.55	27.88720	(18021605)		
437622.35	3711352.22	30.57017	(21021319)	437622.35
3711174.85	36.09809	(18020618)		
437617.33	3711076.13	40.06620	(19122917)	437553.74
3710970.71	50.66159	(18122117)		
437444.96	3710875.33	69.99215	(18122117)	437438.65
3710817.89	86.76341	(18021904)		
437437.25	3710697.99	84.78496	(21010117)	437451.63
3710653.41	83.64412	(19021618)		
437468.04	3710613.02	84.94721	(18122503)	437509.70
3710613.65	79.11991	(18122503)		
437466.15	3710493.73	61.64814	(17012019)	437469.31
3710434.41	51.75341	(19012103)		
437489.50	3710397.80	43.55913	(17012020)	437500.23
3710374.45	39.61466	(17012020)		

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*** AERMET - VERSION 22112 ***
 *** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

437538.10 3710344.79 33.05101 (17012020) 437561.45
3710310.70 28.86645 (17012020)
437579.76 3710263.37 24.55134 (17012020) 437637.82
3710216.03 19.88221 (17012020)

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*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF VARIOUS 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 86.76341 ON 18021904: AT (437438.65,
3710817.89, 85.05, 205.14, 0.00) DC

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

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25

*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

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

***** WARNING MESSAGES *****
ME W186 64 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
ME W187 64 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***
*** 15:52:39

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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 URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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: VARIOUS

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1604
Receptor(s)

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

[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:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  URBAN  ADJ  U*
                                PAGE    3

```

DATA *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

```
Surface file:  ..\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
               Met Version:  22112
Profile file:  ..\msvj_sfc_pfl\MSVJ_V11_trimmed.pfl
```

Surface format: FREE

Profile format: FREE

Surface station no.:	93184	Upper air station no.:	3190
Name:	UNKNOWN	Name:	UNKNOWN
Year:	2017	Year:	2017

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						
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20
1.00		0.86	69.	10.0	280.0	9.0							
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20
1.00		0.90	61.	10.0	279.7	9.0							
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20
1.00		1.34	69.	10.0	280.4	9.0							
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20
1.00		0.80	67.	10.0	279.9	9.0							
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20
1.00		0.86	113.	10.0	279.8	9.0							
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.26	92.	10.0	279.9	9.0							
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00		1.14	86.	10.0	279.8	9.0							
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53		1.00	98.	10.0	280.2	9.0							
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31		1.12	106.	10.0	283.2	9.0							
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24		1.45	159.	10.0	285.0	9.0							
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21		2.23	183.	10.0	285.5	9.0							
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20		1.83	200.	10.0	286.2	9.0							
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20		2.51	225.	10.0	286.6	9.0							
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21		3.44	205.	10.0	286.5	9.0							
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25		2.57	199.	10.0	286.4	9.0							
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33		2.68	195.	10.0	286.5	9.0							
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61		2.33	190.	10.0	285.5	9.0							
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00		1.29	162.	10.0	284.2	9.0							
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.25	117.	10.0	283.5	9.0							
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00		1.46	104.	10.0	283.4	9.0							
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00		1.44	120.	10.0	284.0	9.0							
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00		1.34	127.	10.0	284.3	9.0							
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00		1.19	128.	10.0	284.0	9.0							
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20

1.00 1.52 129. 10.0 283.9 9.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

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

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*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF VARIOUS 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 86.76341 ON 18021904: AT (437438.65,
3710817.89, 85.05, 205.14, 0.00) DC

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

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/08/25
*** AERMET - VERSION 22112 *** ***
*** 15:52:39

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 471 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

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

***** WARNING MESSAGES *****
ME W186 64 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
 0.50
ME W187 64 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 5/16/2025
** File: C:\Users\apoll\OneDrive - Dudek\Desktop\HARP2\HARP\Compass
BESS\Compass-CO\Compass.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\apoll\Desktop\HARP2\HARP\Compass BESS\Compass\Compass.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 3010232
  POLLUTID CO
  RUNORNOT RUN
  ERRORFIL Compass.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION STCK1      POINT      437108.751  3710629.301      63.920
** Source Parameters **
  SRCPARAM STCK1      14.446412993      2.786  899.817      0.87  0.414528
  URBANSRC ALL
  SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING

```

```

INCLUDED Compass.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ..\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
  PROFFILE ..\msvj_sfc_pfl\MSVJ_V11_trimmed.pfl
  SURFDATA 93184 2017
  UAIRDATA 3190 2017
  SITEDATA 60592022 2017
  PROFBASE 168.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 8 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST Compass.AD\01H1GALL.PLT 31
  PLOTFILE 8 ALL 1ST Compass.AD\08H1GALL.PLT 32
  SUMMFILE Compass.sum
OU FINISHED

```

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

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

A Total of	0 Fatal Error Message(s)
A Total of	2 Warning Message(s)
A Total of	0 Informational Message(s)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186	64	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	64	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** 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 URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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: CO

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1604
Receptor(s)

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

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

**The AERMET Input Meteorological Data Version Date: 22112

**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) = 168.00 ; 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 = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Compass.err

**File for Summary of Results: Compass.sum

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

STACK	STACK	BLDG	URBAN	CAP/	EMIS	RATE	BASE	STACK	STACK
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT	
VEL.	DIAMETER	EXISTS	SOURCE	HOR	SCALAR	(METERS)	(METERS)	(METERS)	(DEG.K)
ID	CATS.								
(M/SEC)	(METERS)								
VARY BY									

```

STACK1      0  0.14446E+02  437108.8  3710629.3  63.9  2.79  899.82
0.87  0.41  NO  YES  NO
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP	ID	SOURCE	IDs
----------	----	--------	-----

```

ALL      STACK1      ,
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES

URBAN	ID	URBAN	POP	SOURCE	IDs
-------	----	-------	-----	--------	-----

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3010232.  STACK1      ,
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apol1\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436490.0, 3710238.3, 190.3, 205.1, 0.0);	(436465.0,
3710263.3, 188.6, 204.7, 0.0);	
(436490.0, 3710263.3, 189.2, 205.1, 0.0);	(436515.0,
3710263.3, 190.3, 205.1, 0.0);	
(436540.0, 3710263.3, 190.8, 205.1, 0.0);	(436465.0,
3710288.3, 187.4, 204.7, 0.0);	
(436490.0, 3710288.3, 187.8, 205.1, 0.0);	(436515.0,
3710288.3, 188.4, 205.1, 0.0);	
(436540.0, 3710288.3, 188.4, 205.1, 0.0);	(436465.0,
3710313.3, 186.5, 186.5, 0.0);	
(436490.0, 3710313.3, 186.8, 204.7, 0.0);	(436515.0,
3710313.3, 187.0, 205.1, 0.0);	
(436540.0, 3710313.3, 186.8, 205.1, 0.0);	(436565.0,
3710313.3, 187.1, 205.1, 0.0);	
(436415.0, 3710338.3, 183.7, 185.7, 0.0);	(436440.0,
3710338.3, 185.8, 185.8, 0.0);	
(436465.0, 3710338.3, 185.9, 185.9, 0.0);	(436490.0,
3710338.3, 186.2, 204.7, 0.0);	
(436515.0, 3710338.3, 186.5, 204.7, 0.0);	(436540.0,
3710338.3, 186.5, 205.1, 0.0);	
(436565.0, 3710338.3, 186.5, 205.1, 0.0);	(436315.0,
3710363.3, 180.6, 180.6, 0.0);	
(436340.0, 3710363.3, 181.0, 181.0, 0.0);	(436365.0,
3710363.3, 181.8, 181.8, 0.0);	
(436390.0, 3710363.3, 183.0, 183.0, 0.0);	(436415.0,
3710363.3, 184.2, 184.2, 0.0);	
(436440.0, 3710363.3, 185.7, 185.7, 0.0);	(436465.0,
3710363.3, 185.7, 185.7, 0.0);	
(436490.0, 3710363.3, 186.0, 186.0, 0.0);	(436515.0,
3710363.3, 186.3, 186.3, 0.0);	
(436540.0, 3710363.3, 186.1, 204.7, 0.0);	(436290.0,
3710388.3, 181.7, 181.7, 0.0);	
(436315.0, 3710388.3, 181.9, 181.9, 0.0);	(436340.0,
3710388.3, 182.0, 182.0, 0.0);	
(436365.0, 3710388.3, 182.6, 182.6, 0.0);	(436390.0,
3710388.3, 183.6, 183.6, 0.0);	
(436415.0, 3710388.3, 184.5, 184.5, 0.0);	(436440.0,
3710388.3, 185.7, 185.7, 0.0);	
(436465.0, 3710388.3, 185.7, 185.7, 0.0);	(436490.0,
3710388.3, 186.0, 186.0, 0.0);	
(436290.0, 3710413.3, 183.1, 183.1, 0.0);	(436315.0,
3710413.3, 183.4, 183.4, 0.0);	

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( 436340.0, 3710413.3, 183.6, 183.6, 0.0); ( 436365.0,
3710413.3, 183.9, 183.9, 0.0);
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( 436440.0, 3710413.3, 185.6, 185.6, 0.0); ( 436465.0,
3710413.3, 185.5, 185.5, 0.0);
( 436490.0, 3710413.3, 185.7, 185.7, 0.0); ( 436290.0,
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( 436315.0, 3710438.3, 184.4, 184.4, 0.0); ( 436340.0,
3710438.3, 184.6, 184.6, 0.0);
( 436365.0, 3710438.3, 184.8, 184.8, 0.0); ( 436390.0,
3710438.3, 184.7, 184.7, 0.0);
( 436415.0, 3710438.3, 184.9, 184.9, 0.0); ( 436440.0,
3710438.3, 185.6, 185.6, 0.0);
( 436465.0, 3710438.3, 185.3, 185.3, 0.0); ( 436490.0,
3710438.3, 185.5, 185.5, 0.0);
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3710463.3, 185.3, 185.3, 0.0);
( 436315.0, 3710463.3, 185.1, 185.1, 0.0); ( 436340.0,
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( 436365.0, 3710463.3, 185.3, 185.3, 0.0); ( 436390.0,
3710463.3, 184.9, 184.9, 0.0);
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3710463.3, 185.4, 185.4, 0.0);
( 436465.0, 3710463.3, 185.2, 185.2, 0.0); ( 436490.0,
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3710488.3, 185.6, 185.6, 0.0);
( 436315.0, 3710488.3, 186.0, 186.0, 0.0); ( 436340.0,
3710488.3, 186.2, 186.2, 0.0);
( 436365.0, 3710488.3, 186.0, 186.0, 0.0); ( 436390.0,
3710488.3, 185.2, 185.2, 0.0);
( 436415.0, 3710488.3, 184.8, 184.8, 0.0); ( 436440.0,
3710488.3, 185.1, 185.1, 0.0);
( 436465.0, 3710488.3, 185.2, 185.2, 0.0); ( 436490.0,
3710488.3, 185.6, 185.6, 0.0);
( 436240.0, 3710513.3, 183.2, 183.2, 0.0); ( 436265.0,
3710513.3, 184.8, 184.8, 0.0);
( 436290.0, 3710513.3, 185.7, 185.7, 0.0); ( 436315.0,
3710513.3, 186.0, 186.0, 0.0);
( 436340.0, 3710513.3, 186.2, 186.2, 0.0); ( 436365.0,
3710513.3, 185.9, 185.9, 0.0);
( 436390.0, 3710513.3, 185.0, 185.0, 0.0); ( 436415.0,
3710513.3, 184.8, 184.8, 0.0);
( 436440.0, 3710513.3, 185.3, 185.3, 0.0); ( 436465.0,
3710513.3, 185.1, 185.1, 0.0);
( 436490.0, 3710513.3, 185.4, 185.4, 0.0); ( 436240.0,
3710538.3, 180.7, 185.5, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436265.0, 3710538.3, 182.0, 185.5, 0.0);	(436290.0,
3710538.3, 183.4, 183.4, 0.0);	
(436315.0, 3710538.3, 184.8, 184.8, 0.0);	(436340.0,
3710538.3, 185.8, 185.8, 0.0);	
(436365.0, 3710538.3, 185.9, 185.9, 0.0);	(436390.0,
3710538.3, 184.7, 184.7, 0.0);	
(436415.0, 3710538.3, 184.4, 184.4, 0.0);	(436440.0,
3710538.3, 184.9, 184.9, 0.0);	
(436465.0, 3710538.3, 184.8, 184.8, 0.0);	(436490.0,
3710538.3, 185.3, 185.3, 0.0);	
(436515.0, 3710538.3, 185.7, 185.7, 0.0);	(436215.0,
3710563.3, 179.0, 179.0, 0.0);	
(436240.0, 3710563.3, 179.5, 179.5, 0.0);	(436265.0,
3710563.3, 180.2, 185.5, 0.0);	
(436290.0, 3710563.3, 181.2, 183.6, 0.0);	(436315.0,
3710563.3, 182.5, 185.4, 0.0);	
(436340.0, 3710563.3, 183.7, 186.4, 0.0);	(436365.0,
3710563.3, 184.4, 186.4, 0.0);	
(436390.0, 3710563.3, 183.9, 183.9, 0.0);	(436415.0,
3710563.3, 183.7, 183.7, 0.0);	
(436440.0, 3710563.3, 184.3, 184.3, 0.0);	(436465.0,
3710563.3, 184.1, 184.1, 0.0);	
(436490.0, 3710563.3, 184.6, 184.6, 0.0);	(436515.0,
3710563.3, 185.0, 185.0, 0.0);	
(436540.0, 3710563.3, 185.0, 185.0, 0.0);	(436215.0,
3710588.3, 179.1, 179.1, 0.0);	
(436240.0, 3710588.3, 179.5, 179.5, 0.0);	(436265.0,
3710588.3, 179.7, 179.7, 0.0);	
(436290.0, 3710588.3, 180.0, 180.0, 0.0);	(436315.0,
3710588.3, 180.5, 185.4, 0.0);	
(436340.0, 3710588.3, 181.3, 186.4, 0.0);	(436365.0,
3710588.3, 182.2, 186.4, 0.0);	
(436390.0, 3710588.3, 182.6, 182.6, 0.0);	(436415.0,
3710588.3, 182.9, 182.9, 0.0);	
(436440.0, 3710588.3, 183.5, 183.5, 0.0);	(436465.0,
3710588.3, 183.3, 183.3, 0.0);	
(436490.0, 3710588.3, 183.6, 183.6, 0.0);	(436515.0,
3710588.3, 183.9, 183.9, 0.0);	
(436540.0, 3710588.3, 183.9, 183.9, 0.0);	(436565.0,
3710588.3, 184.0, 184.0, 0.0);	

(436215.0, 3710613.3, 179.0, 179.0,	0.0);	(436240.0,
3710613.3, 179.6, 179.6, 0.0);		
(436265.0, 3710613.3, 179.9, 179.9,	0.0);	(436290.0,
3710613.3, 180.1, 180.1, 0.0);		
(436315.0, 3710613.3, 180.2, 180.2,	0.0);	(436340.0,
3710613.3, 180.3, 180.3, 0.0);		
(436365.0, 3710613.3, 180.6, 180.6,	0.0);	(436390.0,
3710613.3, 181.2, 181.2, 0.0);		
(436415.0, 3710613.3, 181.9, 181.9,	0.0);	(436440.0,
3710613.3, 182.7, 182.7, 0.0);		
(436465.0, 3710613.3, 182.5, 182.5,	0.0);	(436490.0,
3710613.3, 182.8, 182.8, 0.0);		
(436515.0, 3710613.3, 183.2, 183.2,	0.0);	(436540.0,
3710613.3, 183.3, 183.3, 0.0);		
(436565.0, 3710613.3, 183.5, 183.5,	0.0);	(436215.0,
3710638.3, 178.7, 178.7, 0.0);		
(436240.0, 3710638.3, 179.2, 179.2,	0.0);	(436265.0,
3710638.3, 179.3, 179.3, 0.0);		
(436290.0, 3710638.3, 179.9, 179.9,	0.0);	(436315.0,
3710638.3, 180.2, 180.2, 0.0);		
(436340.0, 3710638.3, 180.2, 180.2,	0.0);	(436365.0,
3710638.3, 180.2, 180.2, 0.0);		
(436390.0, 3710638.3, 180.2, 180.2,	0.0);	(436415.0,
3710638.3, 180.6, 180.6, 0.0);		
(436440.0, 3710638.3, 181.7, 181.7,	0.0);	(436465.0,
3710638.3, 181.5, 181.5, 0.0);		
(436490.0, 3710638.3, 182.3, 182.3,	0.0);	(436515.0,
3710638.3, 182.8, 182.8, 0.0);		
(436540.0, 3710638.3, 182.8, 182.8,	0.0);	(436565.0,
3710638.3, 182.9, 182.9, 0.0);		
(436215.0, 3710663.3, 178.2, 178.2,	0.0);	(436240.0,
3710663.3, 178.4, 178.4, 0.0);		
(436265.0, 3710663.3, 178.4, 178.4,	0.0);	(436290.0,
3710663.3, 179.0, 179.0, 0.0);		
(436315.0, 3710663.3, 179.5, 179.5,	0.0);	(436340.0,
3710663.3, 179.5, 179.5, 0.0);		
(436365.0, 3710663.3, 179.4, 179.4,	0.0);	(436390.0,
3710663.3, 178.9, 178.9, 0.0);		
(436415.0, 3710663.3, 179.0, 179.0,	0.0);	(436440.0,
3710663.3, 180.0, 180.0, 0.0);		
(436465.0, 3710663.3, 179.6, 179.6,	0.0);	(436490.0,
3710663.3, 179.2, 182.8, 0.0);		
(436515.0, 3710663.3, 179.2, 182.8,	0.0);	(436540.0,
3710663.3, 179.2, 182.9, 0.0);		
(436565.0, 3710663.3, 179.3, 185.9,	0.0);	(436215.0,
3710688.3, 177.4, 177.4, 0.0);		
(436240.0, 3710688.3, 177.4, 177.4,	0.0);	(436265.0,
3710688.3, 177.3, 177.3, 0.0);		
(436290.0, 3710688.3, 177.9, 177.9,	0.0);	(436315.0,
3710688.3, 178.6, 178.6, 0.0);		

▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
 BESS\Compass\Compass.isc *** 05/16/25
 *** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(436340.0, 3710688.3, 178.5, 178.5, 0.0);	(436365.0,
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3710688.3, 177.1, 177.1, 0.0);	
(436440.0, 3710688.3, 177.9, 177.9, 0.0);	(436465.0,
3710688.3, 177.4, 177.4, 0.0);	
(436490.0, 3710688.3, 177.2, 182.8, 0.0);	(436515.0,
3710688.3, 177.5, 182.8, 0.0);	
(436540.0, 3710688.3, 177.6, 182.7, 0.0);	(436565.0,
3710688.3, 177.9, 185.3, 0.0);	
(436215.0, 3710713.3, 176.4, 176.4, 0.0);	(436240.0,
3710713.3, 176.3, 176.3, 0.0);	
(436265.0, 3710713.3, 176.1, 176.1, 0.0);	(436290.0,
3710713.3, 176.7, 176.7, 0.0);	
(436315.0, 3710713.3, 177.5, 177.5, 0.0);	(436340.0,
3710713.3, 177.4, 177.4, 0.0);	
(436365.0, 3710713.3, 177.2, 177.2, 0.0);	(436390.0,
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3710713.3, 175.6, 176.8, 0.0);	
(436465.0, 3710713.3, 175.2, 175.2, 0.0);	(436490.0,
3710713.3, 175.9, 175.9, 0.0);	
(436515.0, 3710713.3, 176.8, 176.8, 0.0);	(436540.0,
3710713.3, 177.1, 177.1, 0.0);	
(436565.0, 3710713.3, 177.3, 177.3, 0.0);	(436215.0,
3710738.3, 175.4, 175.4, 0.0);	
(436240.0, 3710738.3, 175.2, 175.2, 0.0);	(436265.0,
3710738.3, 174.9, 174.9, 0.0);	
(436290.0, 3710738.3, 175.5, 175.5, 0.0);	(436315.0,
3710738.3, 176.2, 176.2, 0.0);	
(436340.0, 3710738.3, 176.3, 176.3, 0.0);	(436365.0,
3710738.3, 176.0, 176.8, 0.0);	
(436390.0, 3710738.3, 173.6, 176.8, 0.0);	(436415.0,
3710738.3, 172.7, 172.7, 0.0);	
(436440.0, 3710738.3, 173.1, 173.1, 0.0);	(436465.0,
3710738.3, 172.8, 172.8, 0.0);	
(436490.0, 3710738.3, 174.1, 174.9, 0.0);	(436515.0,
3710738.3, 175.2, 176.3, 0.0);	

(436540.0, 3710738.3, 175.9, 177.0,	0.0);	(436215.0,
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(436240.0, 3710763.3, 174.2, 174.2,	0.0);	(436265.0,
3710763.3, 174.2, 174.2, 0.0);		
(436290.0, 3710763.3, 174.7, 174.7,	0.0);	(436315.0,
3710763.3, 175.3, 175.3, 0.0);		
(436340.0, 3710763.3, 175.6, 175.6,	0.0);	(436365.0,
3710763.3, 174.6, 175.4, 0.0);		
(436390.0, 3710763.3, 171.2, 176.8,	0.0);	(436415.0,
3710763.3, 170.3, 176.8, 0.0);		
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3710763.3, 170.6, 174.9, 0.0);		
(436490.0, 3710763.3, 170.7, 177.0,	0.0);	(436515.0,
3710763.3, 171.1, 177.0, 0.0);		
(436540.0, 3710763.3, 171.9, 177.0,	0.0);	(436215.0,
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(436340.0, 3710788.3, 169.9, 176.8,	0.0);	(436365.0,
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(436390.0, 3710788.3, 167.5, 178.1,	0.0);	(436415.0,
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(436440.0, 3710788.3, 169.6, 169.6,	0.0);	(436465.0,
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(436490.0, 3710788.3, 169.6, 176.3,	0.0);	(436515.0,
3710788.3, 169.9, 177.0, 0.0);		
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(436290.0, 3710813.3, 163.4, 179.4,	0.0);	(436315.0,
3710813.3, 163.2, 179.4, 0.0);		
(436340.0, 3710813.3, 163.4, 179.4,	0.0);	(436365.0,
3710813.3, 163.7, 179.4, 0.0);		
(436390.0, 3710813.3, 164.5, 179.6,	0.0);	(436415.0,
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(436265.0, 3710838.3, 157.2, 180.2,	0.0);	(436290.0,
3710838.3, 157.4, 180.2, 0.0);		
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(436365.0, 3710838.3, 160.8, 179.6,	0.0);	(436240.0,
3710863.3, 152.8, 180.3, 0.0);		

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3710863.3,    155.0,    180.2,    0.0);
^ *** AERMOD - VERSION 24142 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***      05/16/25
*** AERMET - VERSION 22112 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

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      ( 436290.0, 3710888.3,    153.6,    180.2,    0.0);      ( 436315.0,
3710888.3,    155.8,    179.4,    0.0);
      ( 436340.0, 3710888.3,    157.0,    179.4,    0.0);      ( 436240.0,
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      ( 436265.0, 3710913.3,    150.5,    180.2,    0.0);      ( 436290.0,
3710913.3,    151.0,    180.2,    0.0);
      ( 436315.0, 3710913.3,    151.1,    181.6,    0.0);      ( 436340.0,
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      ( 436240.0, 3710938.3,    149.8,    179.4,    0.0);      ( 436265.0,
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      ( 436340.0, 3710938.3,    147.4,    182.9,    0.0);      ( 436265.0,
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      ( 436290.0, 3710963.3,    147.8,    180.2,    0.0);      ( 436315.0,
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      ( 436340.0, 3710963.3,    146.2,    182.2,    0.0);      ( 436365.0,
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      ( 436365.0, 3710988.3,    146.2,    179.6,    0.0);      ( 436390.0,
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      ( 436315.0, 3711013.3,    143.4,    179.4,    0.0);      ( 436340.0,
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      ( 436365.0, 3711013.3,    144.3,    179.6,    0.0);      ( 436390.0,
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3711088.3, 136.4, 179.6, 0.0);		
(436365.0, 3711088.3, 137.7, 178.2,	0.0);	(436390.0,
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(436465.0, 3711113.3, 138.4, 179.7,	0.0);	(436490.0,
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3711213.3,    164.8,    164.8,        0.0);
▲ *** AERMOD - VERSION 24142 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***      05/16/25
*** AERMET - VERSION 22112 ***      ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

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      ( 436615.0, 3711213.3,    165.9,    165.9,        0.0);      ( 436465.0,
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      ( 436490.0, 3711238.3,    159.0,    164.6,        0.0);      ( 436515.0,
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      ( 436540.0, 3711238.3,    164.2,    164.2,        0.0);      ( 436565.0,
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      ( 436590.0, 3711238.3,    165.7,    165.7,        0.0);      ( 436615.0,
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      ( 436640.0, 3711238.3,    165.9,    165.9,        0.0);      ( 436490.0,
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      ( 436515.0, 3711263.3,    163.2,    163.2,        0.0);      ( 436540.0,
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      ( 436565.0, 3711263.3,    164.6,    164.6,        0.0);      ( 436590.0,
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      ( 436615.0, 3711263.3,    165.4,    165.4,        0.0);      ( 436640.0,
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      ( 436490.0, 3711288.3,    157.3,    164.5,        0.0);      ( 436515.0,
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      ( 436540.0, 3711288.3,    162.8,    162.8,        0.0);      ( 436565.0,
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      ( 436590.0, 3711288.3,    164.0,    164.0,        0.0);      ( 436615.0,
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      ( 436640.0, 3711288.3,    165.1,    165.1,        0.0);      ( 436490.0,
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3711388.3, 164.4, 168.7, 0.0);		
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3711413.3, 162.8, 162.8, 0.0);		
(436665.0, 3711413.3, 163.2, 163.2,	0.0);	(436690.0,
3711413.3, 163.8, 168.7, 0.0);		
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(436615.0, 3711438.3, 161.0, 161.0,	0.0);	(436640.0,
3711438.3, 162.4, 162.4, 0.0);		
(436665.0, 3711438.3, 162.7, 162.7,	0.0);	(436690.0,
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3711463.3, 162.8, 173.4, 0.0);		
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3711488.3, 153.6, 175.3, 0.0);		
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3711488.3, 158.0, 175.3, 0.0);		

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      ( 436615.0, 3711488.3,    160.0,    175.3,    0.0);      ( 436640.0,
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      ( 436665.0, 3711488.3,    162.2,    175.3,    0.0);      ( 436690.0,
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▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***

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*** 14:12:41

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*** MODELOPTs:   RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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      ( 436640.0, 3711588.3,    162.8,    175.6,    0.0);      ( 436665.0,
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^ *** AERMOD - VERSION 24142 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***      05/16/25
*** AERMET - VERSION 22112 ***      ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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3710454.5, 65.3,	211.6,	0.0);		
(437783.4, 3710454.5,	65.8,	211.6,	0.0);	(437808.4,
3710454.5, 66.1,	211.6,	0.0);		
(437833.4, 3710454.5,	66.1,	211.6,	0.0);	(437858.4,
3710454.5, 66.0,	211.6,	0.0);		
(437883.4, 3710454.5,	65.9,	211.6,	0.0);	(437483.4,
3710479.5, 66.8,	211.6,	0.0);		
(437508.4, 3710479.5,	66.3,	211.6,	0.0);	(437533.4,
3710479.5, 66.2,	211.6,	0.0);		
(437558.4, 3710479.5,	66.2,	211.6,	0.0);	(437583.4,
3710479.5, 66.2,	211.6,	0.0);		
(437608.4, 3710479.5,	66.2,	211.6,	0.0);	(437633.4,
3710479.5, 66.2,	211.6,	0.0);		
(437658.4, 3710479.5,	66.1,	211.6,	0.0);	(437683.4,
3710479.5, 66.0,	211.6,	0.0);		
(437708.4, 3710479.5,	65.8,	211.6,	0.0);	(437733.4,
3710479.5, 65.6,	211.6,	0.0);		
(437758.4, 3710479.5,	65.5,	211.6,	0.0);	(437783.4,
3710479.5, 65.9,	211.6,	0.0);		
(437808.4, 3710479.5,	66.1,	211.6,	0.0);	(437833.4,
3710479.5, 66.1,	211.6,	0.0);		
(437858.4, 3710479.5,	66.1,	211.6,	0.0);	(437883.4,
3710479.5, 66.2,	211.6,	0.0);		
(437908.4, 3710479.5,	66.3,	211.6,	0.0);	(437483.4,
3710504.5, 67.5,	211.6,	0.0);		
(437508.4, 3710504.5,	66.6,	211.6,	0.0);	(437533.4,
3710504.5, 66.6,	211.6,	0.0);		
(437558.4, 3710504.5,	66.5,	211.6,	0.0);	(437583.4,
3710504.5, 66.4,	211.6,	0.0);		
(437608.4, 3710504.5,	66.3,	211.6,	0.0);	(437633.4,
3710504.5, 66.2,	211.6,	0.0);		
(437658.4, 3710504.5,	66.1,	211.6,	0.0);	(437683.4,
3710504.5, 66.0,	211.6,	0.0);		
(437708.4, 3710504.5,	65.9,	211.6,	0.0);	(437733.4,
3710504.5, 65.8,	211.6,	0.0);		
(437758.4, 3710504.5,	65.9,	211.6,	0.0);	(437783.4,
3710504.5, 66.0,	211.6,	0.0);		

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( 437808.4, 3710504.5, 66.3, 211.6, 0.0); ( 437833.4,
3710504.5, 66.5, 211.6, 0.0);
( 437858.4, 3710504.5, 66.6, 211.6, 0.0); ( 437883.4,
3710504.5, 66.5, 210.9, 0.0);
( 437908.4, 3710504.5, 66.3, 208.6, 0.0); ( 437483.4,
3710529.5, 70.0, 211.6, 0.0);
( 437508.4, 3710529.5, 70.0, 211.6, 0.0); ( 437533.4,
3710529.5, 69.0, 211.6, 0.0);
( 437558.4, 3710529.5, 67.5, 211.6, 0.0); ( 437583.4,
3710529.5, 66.9, 211.6, 0.0);
( 437608.4, 3710529.5, 66.7, 211.6, 0.0); ( 437633.4,
3710529.5, 66.5, 211.6, 0.0);
( 437658.4, 3710529.5, 66.4, 211.6, 0.0); ( 437683.4,
3710529.5, 66.3, 211.6, 0.0);

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▲ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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( 437708.4, 3710529.5, 66.2, 211.6, 0.0); ( 437733.4,
3710529.5, 66.1, 211.6, 0.0);
( 437758.4, 3710529.5, 66.1, 211.6, 0.0); ( 437783.4,
3710529.5, 66.2, 211.6, 0.0);
( 437808.4, 3710529.5, 66.5, 211.6, 0.0); ( 437833.4,
3710529.5, 66.7, 211.6, 0.0);
( 437858.4, 3710529.5, 66.6, 210.9, 0.0); ( 437883.4,
3710529.5, 66.5, 207.2, 0.0);
( 437908.4, 3710529.5, 66.5, 208.6, 0.0); ( 437933.4,
3710529.5, 66.7, 208.6, 0.0);
( 437508.4, 3710554.5, 76.1, 211.6, 0.0); ( 437533.4,
3710554.5, 74.1, 211.6, 0.0);
( 437558.4, 3710554.5, 71.3, 211.6, 0.0); ( 437583.4,
3710554.5, 69.6, 211.6, 0.0);
( 437608.4, 3710554.5, 68.3, 211.6, 0.0); ( 437633.4,
3710554.5, 67.5, 211.6, 0.0);
( 437658.4, 3710554.5, 67.1, 211.6, 0.0); ( 437683.4,
3710554.5, 66.7, 211.6, 0.0);
( 437708.4, 3710554.5, 66.5, 211.6, 0.0); ( 437733.4,
3710554.5, 66.4, 211.6, 0.0);
( 437758.4, 3710554.5, 66.3, 211.6, 0.0); ( 437783.4,
3710554.5, 66.5, 211.6, 0.0);
( 437808.4, 3710554.5, 66.7, 211.6, 0.0); ( 437833.4,
3710554.5, 66.8, 210.9, 0.0);

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(437858.4, 3710554.5,	66.8,	207.0,	0.0);	(437883.4,
3710554.5,	66.8,	207.2,	0.0);	
(437908.4, 3710554.5,	66.8,	208.6,	0.0);	(437933.4,
3710554.5,	66.7,	208.6,	0.0);	
(437508.4, 3710579.5,	82.3,	211.6,	0.0);	(437533.4,
3710579.5,	80.1,	211.6,	0.0);	
(437558.4, 3710579.5,	77.3,	211.6,	0.0);	(437583.4,
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(437608.4, 3710579.5,	71.8,	211.6,	0.0);	(437633.4,
3710579.5,	70.7,	211.6,	0.0);	
(437658.4, 3710579.5,	69.7,	211.6,	0.0);	(437683.4,
3710579.5,	68.0,	211.6,	0.0);	
(437708.4, 3710579.5,	66.8,	211.6,	0.0);	(437733.4,
3710579.5,	66.7,	211.6,	0.0);	
(437758.4, 3710579.5,	66.8,	211.6,	0.0);	(437783.4,
3710579.5,	66.9,	211.6,	0.0);	
(437808.4, 3710579.5,	66.9,	210.9,	0.0);	(437833.4,
3710579.5,	67.0,	205.1,	0.0);	
(437858.4, 3710579.5,	67.1,	207.0,	0.0);	(437883.4,
3710579.5,	67.0,	207.2,	0.0);	
(437908.4, 3710579.5,	66.9,	207.6,	0.0);	(437933.4,
3710579.5,	66.8,	208.6,	0.0);	
(437508.4, 3710604.5,	85.5,	205.1,	0.0);	(437533.4,
3710604.5,	84.1,	205.1,	0.0);	
(437558.4, 3710604.5,	83.0,	205.1,	0.0);	(437583.4,
3710604.5,	80.2,	205.1,	0.0);	
(437608.4, 3710604.5,	77.3,	210.9,	0.0);	(437633.4,
3710604.5,	76.5,	205.1,	0.0);	
(437658.4, 3710604.5,	74.8,	210.9,	0.0);	(437683.4,
3710604.5,	70.6,	211.6,	0.0);	
(437708.4, 3710604.5,	67.5,	211.6,	0.0);	(437733.4,
3710604.5,	67.2,	211.6,	0.0);	
(437758.4, 3710604.5,	67.4,	210.9,	0.0);	(437783.4,
3710604.5,	67.5,	205.1,	0.0);	
(437808.4, 3710604.5,	67.4,	205.1,	0.0);	(437833.4,
3710604.5,	67.3,	205.1,	0.0);	
(437858.4, 3710604.5,	67.3,	207.0,	0.0);	(437883.4,
3710604.5,	67.1,	207.2,	0.0);	
(437908.4, 3710604.5,	67.0,	207.6,	0.0);	(437933.4,
3710604.5,	67.0,	208.6,	0.0);	
(437958.4, 3710604.5,	67.1,	208.6,	0.0);	(437483.4,
3710629.5,	89.7,	205.1,	0.0);	
(437508.4, 3710629.5,	87.3,	205.1,	0.0);	(437533.4,
3710629.5,	85.2,	205.1,	0.0);	
(437558.4, 3710629.5,	83.9,	205.1,	0.0);	(437583.4,
3710629.5,	82.7,	205.1,	0.0);	
(437608.4, 3710629.5,	81.6,	205.1,	0.0);	(437633.4,
3710629.5,	80.2,	205.1,	0.0);	
(437658.4, 3710629.5,	77.3,	205.1,	0.0);	(437683.4,
3710629.5,	72.8,	205.1,	0.0);	

(437708.4, 3710629.5,	68.8,	210.9,	0.0);	(437733.4,
3710629.5, 67.7,	210.9,	0.0);		
(437758.4, 3710629.5,	67.8,	205.1,	0.0);	(437783.4,
3710629.5, 67.9,	205.1,	0.0);		
(437808.4, 3710629.5,	67.7,	205.1,	0.0);	(437833.4,
3710629.5, 67.3,	205.1,	0.0);		
(437858.4, 3710629.5,	67.3,	205.1,	0.0);	(437883.4,
3710629.5, 67.3,	207.0,	0.0);		
(437908.4, 3710629.5,	67.5,	207.6,	0.0);	(437933.4,
3710629.5, 67.6,	208.6,	0.0);		
(437958.4, 3710629.5,	67.5,	208.6,	0.0);	(437458.4,
3710654.5, 93.0,	205.1,	0.0);		
(437483.4, 3710654.5,	91.3,	205.1,	0.0);	(437508.4,
3710654.5, 88.7,	205.1,	0.0);		
(437533.4, 3710654.5,	85.9,	205.1,	0.0);	(437558.4,
3710654.5, 84.2,	205.1,	0.0);		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

(437583.4, 3710654.5,	83.4,	205.1,	0.0);	(437608.4,
3710654.5, 82.6,	205.1,	0.0);		
(437633.4, 3710654.5,	81.3,	205.1,	0.0);	(437658.4,
3710654.5, 78.9,	205.1,	0.0);		
(437683.4, 3710654.5,	74.5,	205.1,	0.0);	(437708.4,
3710654.5, 69.6,	205.1,	0.0);		
(437733.4, 3710654.5,	68.1,	205.1,	0.0);	(437758.4,
3710654.5, 68.0,	205.1,	0.0);		
(437783.4, 3710654.5,	68.0,	205.1,	0.0);	(437808.4,
3710654.5, 67.8,	205.1,	0.0);		
(437833.4, 3710654.5,	67.6,	205.1,	0.0);	(437858.4,
3710654.5, 67.8,	205.1,	0.0);		
(437883.4, 3710654.5,	67.9,	207.0,	0.0);	(437908.4,
3710654.5, 67.8,	207.2,	0.0);		
(437933.4, 3710654.5,	67.8,	208.6,	0.0);	(437958.4,
3710654.5, 67.6,	208.6,	0.0);		
(437458.4, 3710679.5,	93.8,	205.1,	0.0);	(437483.4,
3710679.5, 92.1,	205.1,	0.0);		
(437508.4, 3710679.5,	89.1,	205.1,	0.0);	(437533.4,
3710679.5, 86.2,	205.1,	0.0);		
(437558.4, 3710679.5,	84.4,	205.1,	0.0);	(437583.4,
3710679.5, 83.7,	205.1,	0.0);		

(437608.4, 3710679.5,	83.2,	205.1,	0.0);	(437633.4,
3710679.5, 82.2,	205.1,	0.0);		
(437658.4, 3710679.5,	80.1,	205.1,	0.0);	(437683.4,
3710679.5, 75.2,	205.1,	0.0);		
(437708.4, 3710679.5,	69.7,	205.1,	0.0);	(437733.4,
3710679.5, 68.3,	205.1,	0.0);		
(437758.4, 3710679.5,	68.2,	205.1,	0.0);	(437783.4,
3710679.5, 68.2,	205.1,	0.0);		
(437808.4, 3710679.5,	68.1,	205.1,	0.0);	(437833.4,
3710679.5, 67.9,	205.1,	0.0);		
(437858.4, 3710679.5,	68.0,	205.1,	0.0);	(437883.4,
3710679.5, 68.0,	207.0,	0.0);		
(437908.4, 3710679.5,	68.0,	207.2,	0.0);	(437933.4,
3710679.5, 68.0,	208.6,	0.0);		
(437958.4, 3710679.5,	67.9,	208.6,	0.0);	(437983.4,
3710679.5, 68.0,	208.6,	0.0);		
(437458.4, 3710704.5,	94.0,	205.1,	0.0);	(437483.4,
3710704.5, 92.3,	205.1,	0.0);		
(437508.4, 3710704.5,	89.2,	205.1,	0.0);	(437533.4,
3710704.5, 86.3,	205.1,	0.0);		
(437558.4, 3710704.5,	84.6,	205.1,	0.0);	(437583.4,
3710704.5, 84.1,	205.1,	0.0);		
(437608.4, 3710704.5,	83.6,	205.1,	0.0);	(437633.4,
3710704.5, 82.9,	205.1,	0.0);		
(437658.4, 3710704.5,	80.6,	205.1,	0.0);	(437683.4,
3710704.5, 75.0,	205.1,	0.0);		
(437708.4, 3710704.5,	69.5,	205.1,	0.0);	(437733.4,
3710704.5, 68.5,	205.1,	0.0);		
(437758.4, 3710704.5,	68.4,	205.1,	0.0);	(437783.4,
3710704.5, 68.4,	205.1,	0.0);		
(437808.4, 3710704.5,	68.4,	205.1,	0.0);	(437833.4,
3710704.5, 68.1,	205.1,	0.0);		
(437858.4, 3710704.5,	68.1,	205.1,	0.0);	(437883.4,
3710704.5, 68.2,	207.0,	0.0);		
(437908.4, 3710704.5,	68.2,	207.2,	0.0);	(437933.4,
3710704.5, 68.3,	208.6,	0.0);		
(437958.4, 3710704.5,	68.2,	208.6,	0.0);	(437983.4,
3710704.5, 68.0,	208.6,	0.0);		
(437458.4, 3710729.5,	93.9,	205.1,	0.0);	(437483.4,
3710729.5, 92.5,	205.1,	0.0);		
(437508.4, 3710729.5,	89.6,	205.1,	0.0);	(437533.4,
3710729.5, 86.7,	205.1,	0.0);		
(437558.4, 3710729.5,	85.1,	205.1,	0.0);	(437583.4,
3710729.5, 84.5,	205.1,	0.0);		
(437608.4, 3710729.5,	84.1,	205.1,	0.0);	(437633.4,
3710729.5, 83.3,	205.1,	0.0);		
(437658.4, 3710729.5,	80.4,	205.1,	0.0);	(437683.4,
3710729.5, 74.1,	205.1,	0.0);		
(437708.4, 3710729.5,	69.4,	205.1,	0.0);	(437733.4,
3710729.5, 68.8,	205.1,	0.0);		

(437758.4, 3710729.5,	68.7,	205.1,	0.0);	(437783.4,
3710729.5, 68.7,	205.1,	0.0);		
(437808.4, 3710729.5,	68.6,	205.1,	0.0);	(437833.4,
3710729.5, 68.3,	205.1,	0.0);		
(437858.4, 3710729.5,	68.4,	205.1,	0.0);	(437883.4,
3710729.5, 68.5,	198.3,	0.0);		
(437908.4, 3710729.5,	68.6,	207.0,	0.0);	(437933.4,
3710729.5, 68.5,	207.6,	0.0);		
(437958.4, 3710729.5,	68.4,	208.6,	0.0);	(437983.4,
3710729.5, 68.2,	208.6,	0.0);		
(437458.4, 3710754.5,	93.1,	205.1,	0.0);	(437483.4,
3710754.5, 92.5,	205.1,	0.0);		
(437508.4, 3710754.5,	90.2,	205.1,	0.0);	(437533.4,
3710754.5, 87.5,	205.1,	0.0);		
(437558.4, 3710754.5,	85.8,	205.1,	0.0);	(437583.4,
3710754.5, 84.9,	205.1,	0.0);		
(437608.4, 3710754.5,	84.4,	205.1,	0.0);	(437633.4,
3710754.5, 83.1,	205.1,	0.0);		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

(437658.4, 3710754.5,	79.4,	205.1,	0.0);	(437683.4,
3710754.5, 73.4,	205.1,	0.0);		
(437708.4, 3710754.5,	69.6,	205.1,	0.0);	(437733.4,
3710754.5, 69.2,	205.1,	0.0);		
(437758.4, 3710754.5,	69.3,	205.1,	0.0);	(437783.4,
3710754.5, 69.2,	205.1,	0.0);		
(437808.4, 3710754.5,	69.0,	205.1,	0.0);	(437833.4,
3710754.5, 68.6,	205.1,	0.0);		
(437858.4, 3710754.5,	68.7,	198.3,	0.0);	(437883.4,
3710754.5, 68.7,	198.3,	0.0);		
(437908.4, 3710754.5,	68.6,	207.0,	0.0);	(437933.4,
3710754.5, 68.5,	207.6,	0.0);		
(437958.4, 3710754.5,	68.5,	208.6,	0.0);	(437983.4,
3710754.5, 68.5,	208.6,	0.0);		
(438008.4, 3710754.5,	68.5,	208.6,	0.0);	(437458.4,
3710779.5, 90.8,	205.1,	0.0);		
(437483.4, 3710779.5,	92.5,	205.1,	0.0);	(437508.4,
3710779.5, 91.3,	205.1,	0.0);		
(437533.4, 3710779.5,	88.8,	205.1,	0.0);	(437558.4,
3710779.5, 86.7,	205.1,	0.0);		

(437583.4, 3710779.5,	85.4,	205.1,	0.0);	(437608.4,
3710779.5,	84.2,	205.1,	0.0);	
(437633.4, 3710779.5,	80.8,	205.1,	0.0);	(437658.4,
3710779.5,	75.3,	205.1,	0.0);	
(437683.4, 3710779.5,	71.5,	205.1,	0.0);	(437708.4,
3710779.5,	70.0,	205.1,	0.0);	
(437733.4, 3710779.5,	69.7,	205.1,	0.0);	(437758.4,
3710779.5,	69.5,	205.1,	0.0);	
(437783.4, 3710779.5,	69.3,	205.1,	0.0);	(437808.4,
3710779.5,	69.1,	205.1,	0.0);	
(437833.4, 3710779.5,	68.8,	205.1,	0.0);	(437858.4,
3710779.5,	68.8,	198.3,	0.0);	
(437883.4, 3710779.5,	68.7,	198.3,	0.0);	(437908.4,
3710779.5,	68.8,	207.0,	0.0);	
(437933.4, 3710779.5,	68.9,	207.2,	0.0);	(437958.4,
3710779.5,	68.9,	208.6,	0.0);	
(437983.4, 3710779.5,	68.8,	208.6,	0.0);	(438008.4,
3710779.5,	68.6,	208.6,	0.0);	
(437458.4, 3710804.5,	88.8,	205.1,	0.0);	(437483.4,
3710804.5,	91.9,	205.1,	0.0);	
(437508.4, 3710804.5,	92.3,	205.1,	0.0);	(437533.4,
3710804.5,	90.2,	205.1,	0.0);	
(437558.4, 3710804.5,	87.7,	205.1,	0.0);	(437583.4,
3710804.5,	86.0,	205.1,	0.0);	
(437608.4, 3710804.5,	83.9,	205.1,	0.0);	(437633.4,
3710804.5,	79.1,	205.1,	0.0);	
(437658.4, 3710804.5,	73.4,	205.1,	0.0);	(437683.4,
3710804.5,	70.8,	205.1,	0.0);	
(437708.4, 3710804.5,	70.2,	205.1,	0.0);	(437733.4,
3710804.5,	70.1,	205.1,	0.0);	
(437758.4, 3710804.5,	70.0,	205.1,	0.0);	(437783.4,
3710804.5,	69.7,	205.1,	0.0);	
(437808.4, 3710804.5,	69.6,	205.1,	0.0);	(437833.4,
3710804.5,	69.2,	198.3,	0.0);	
(437858.4, 3710804.5,	69.0,	198.3,	0.0);	(437883.4,
3710804.5,	69.1,	198.3,	0.0);	
(437908.4, 3710804.5,	69.1,	204.7,	0.0);	(437933.4,
3710804.5,	69.1,	207.2,	0.0);	
(437958.4, 3710804.5,	69.0,	208.6,	0.0);	(437983.4,
3710804.5,	68.9,	208.6,	0.0);	
(438008.4, 3710804.5,	68.8,	208.6,	0.0);	(438033.4,
3710804.5,	69.0,	208.6,	0.0);	
(437458.4, 3710829.5,	87.9,	205.1,	0.0);	(437483.4,
3710829.5,	91.0,	205.1,	0.0);	
(437508.4, 3710829.5,	92.6,	205.1,	0.0);	(437533.4,
3710829.5,	91.2,	205.1,	0.0);	
(437558.4, 3710829.5,	88.5,	205.1,	0.0);	(437583.4,
3710829.5,	86.5,	205.1,	0.0);	
(437608.4, 3710829.5,	83.9,	205.1,	0.0);	(437633.4,
3710829.5,	79.0,	205.1,	0.0);	

(437658.4, 3710829.5,	74.1,	205.1,	0.0);	(437683.4,
3710829.5, 71.4,	205.1,	0.0);		
(437708.4, 3710829.5,	70.4,	205.1,	0.0);	(437733.4,
3710829.5, 70.4,	205.1,	0.0);		
(437758.4, 3710829.5,	70.3,	205.1,	0.0);	(437783.4,
3710829.5, 70.1,	205.1,	0.0);		
(437808.4, 3710829.5,	69.8,	204.7,	0.0);	(437833.4,
3710829.5, 69.5,	198.3,	0.0);		
(437858.4, 3710829.5,	69.2,	198.3,	0.0);	(437883.4,
3710829.5, 69.3,	198.3,	0.0);		
(437908.4, 3710829.5,	69.2,	198.3,	0.0);	(437933.4,
3710829.5, 69.1,	207.0,	0.0);		
(437958.4, 3710829.5,	69.2,	207.6,	0.0);	(437983.4,
3710829.5, 69.2,	208.6,	0.0);		
(438008.4, 3710829.5,	69.3,	208.6,	0.0);	(438033.4,
3710829.5, 69.2,	208.6,	0.0);		
(437458.4, 3710854.5,	88.2,	205.1,	0.0);	(437483.4,
3710854.5, 90.3,	205.1,	0.0);		
(437508.4, 3710854.5,	92.0,	205.1,	0.0);	(437533.4,
3710854.5, 91.3,	204.7,	0.0);		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

(437558.4, 3710854.5,	89.0,	204.7,	0.0);	(437583.4,
3710854.5, 87.1,	204.7,	0.0);		
(437608.4, 3710854.5,	84.6,	205.1,	0.0);	(437633.4,
3710854.5, 80.8,	205.1,	0.0);		
(437658.4, 3710854.5,	77.2,	205.1,	0.0);	(437683.4,
3710854.5, 73.3,	205.1,	0.0);		
(437708.4, 3710854.5,	70.9,	205.1,	0.0);	(437733.4,
3710854.5, 70.5,	205.1,	0.0);		
(437758.4, 3710854.5,	70.5,	205.1,	0.0);	(437783.4,
3710854.5, 70.3,	204.7,	0.0);		
(437808.4, 3710854.5,	70.0,	185.0,	0.0);	(437833.4,
3710854.5, 69.8,	198.3,	0.0);		
(437858.4, 3710854.5,	69.5,	198.3,	0.0);	(437883.4,
3710854.5, 69.5,	198.3,	0.0);		
(437908.4, 3710854.5,	69.3,	198.3,	0.0);	(437933.4,
3710854.5, 69.5,	207.0,	0.0);		
(437958.4, 3710854.5,	69.6,	207.2,	0.0);	(437983.4,
3710854.5, 69.7,	208.6,	0.0);		

(438008.4, 3710854.5,	69.8,	208.6,	0.0);	(438033.4,
3710854.5,	69.8,	208.6,	0.0);	
(438058.4, 3710854.5,	70.5,	208.6,	0.0);	(437458.4,
3710879.5,	88.5,	205.1,	0.0);	
(437483.4, 3710879.5,	90.0,	205.1,	0.0);	(437508.4,
3710879.5,	91.4,	204.7,	0.0);	
(437533.4, 3710879.5,	91.1,	180.7,	0.0);	(437558.4,
3710879.5,	89.5,	180.7,	0.0);	
(437583.4, 3710879.5,	88.3,	88.3,	0.0);	(437608.4,
3710879.5,	86.8,	87.9,	0.0);	
(437633.4, 3710879.5,	84.6,	88.4,	0.0);	(437658.4,
3710879.5,	82.1,	89.5,	0.0);	
(437683.4, 3710879.5,	76.7,	205.1,	0.0);	(437708.4,
3710879.5,	71.8,	205.1,	0.0);	
(437733.4, 3710879.5,	70.7,	205.1,	0.0);	(437758.4,
3710879.5,	70.6,	205.1,	0.0);	
(437783.4, 3710879.5,	70.6,	148.6,	0.0);	(437808.4,
3710879.5,	70.5,	183.8,	0.0);	
(437833.4, 3710879.5,	70.4,	185.5,	0.0);	(437858.4,
3710879.5,	70.1,	198.3,	0.0);	
(437883.4, 3710879.5,	69.7,	198.3,	0.0);	(437908.4,
3710879.5,	69.9,	198.3,	0.0);	
(437933.4, 3710879.5,	70.2,	198.3,	0.0);	(437958.4,
3710879.5,	70.0,	207.0,	0.0);	
(437983.4, 3710879.5,	69.9,	208.6,	0.0);	(438008.4,
3710879.5,	70.1,	208.6,	0.0);	
(438033.4, 3710879.5,	70.6,	208.6,	0.0);	(438058.4,
3710879.5,	70.8,	208.6,	0.0);	
(438083.4, 3710879.5,	71.1,	208.6,	0.0);	(437483.4,
3710904.5,	87.3,	205.1,	0.0);	
(437508.4, 3710904.5,	90.3,	204.7,	0.0);	(437533.4,
3710904.5,	91.0,	180.7,	0.0);	
(437558.4, 3710904.5,	89.9,	180.7,	0.0);	(437583.4,
3710904.5,	89.0,	89.0,	0.0);	
(437608.4, 3710904.5,	88.4,	88.4,	0.0);	(437633.4,
3710904.5,	87.4,	87.4,	0.0);	
(437658.4, 3710904.5,	85.2,	87.3,	0.0);	(437683.4,
3710904.5,	79.7,	99.3,	0.0);	
(437708.4, 3710904.5,	73.2,	205.1,	0.0);	(437733.4,
3710904.5,	71.0,	205.1,	0.0);	
(437758.4, 3710904.5,	70.9,	136.4,	0.0);	(437783.4,
3710904.5,	71.0,	148.6,	0.0);	
(437808.4, 3710904.5,	70.9,	149.7,	0.0);	(437833.4,
3710904.5,	70.6,	185.0,	0.0);	
(437858.4, 3710904.5,	70.2,	198.3,	0.0);	(437883.4,
3710904.5,	69.9,	198.3,	0.0);	
(437908.4, 3710904.5,	70.2,	198.3,	0.0);	(437933.4,
3710904.5,	70.3,	198.3,	0.0);	
(437958.4, 3710904.5,	70.1,	207.0,	0.0);	(437983.4,
3710904.5,	70.2,	207.2,	0.0);	

(438008.4, 3710904.5,	70.7,	208.6,	0.0);	(438033.4,
3710904.5, 71.2,	208.6,	0.0);		
(438058.4, 3710904.5,	71.4,	208.6,	0.0);	(438083.4,
3710904.5, 71.3,	208.6,	0.0);		
(438108.4, 3710904.5,	71.4,	208.6,	0.0);	(437508.4,
3710929.5, 88.7,	204.7,	0.0);		
(437533.4, 3710929.5,	90.8,	180.7,	0.0);	(437558.4,
3710929.5, 90.5,	90.5,	0.0);		
(437583.4, 3710929.5,	89.9,	89.9,	0.0);	(437608.4,
3710929.5, 89.4,	89.4,	0.0);		
(437633.4, 3710929.5,	88.8,	88.8,	0.0);	(437658.4,
3710929.5, 86.7,	88.7,	0.0);		
(437683.4, 3710929.5,	81.4,	99.3,	0.0);	(437708.4,
3710929.5, 75.1,	100.3,	0.0);		
(437733.4, 3710929.5,	71.9,	180.7,	0.0);	(437758.4,
3710929.5, 71.2,	136.4,	0.0);		
(437783.4, 3710929.5,	71.1,	148.6,	0.0);	(437808.4,
3710929.5, 71.0,	149.7,	0.0);		
(437833.4, 3710929.5,	70.8,	185.0,	0.0);	(437858.4,
3710929.5, 70.6,	198.3,	0.0);		
(437883.4, 3710929.5,	70.5,	198.3,	0.0);	(437908.4,
3710929.5, 70.4,	198.3,	0.0);		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(437933.4, 3710929.5,	70.4,	198.3,	0.0);	(437958.4,
3710929.5, 70.6,	198.3,	0.0);		
(437983.4, 3710929.5,	70.9,	207.0,	0.0);	(438008.4,
3710929.5, 71.1,	207.6,	0.0);		
(438033.4, 3710929.5,	71.2,	208.6,	0.0);	(438058.4,
3710929.5, 71.5,	208.6,	0.0);		
(438083.4, 3710929.5,	71.6,	208.6,	0.0);	(438108.4,
3710929.5, 71.6,	208.6,	0.0);		
(438133.4, 3710929.5,	71.8,	208.6,	0.0);	(437558.4,
3710954.5, 91.1,	91.1,	0.0);		
(437583.4, 3710954.5,	90.8,	90.8,	0.0);	(437608.4,
3710954.5, 90.3,	90.3,	0.0);		
(437633.4, 3710954.5,	89.9,	89.9,	0.0);	(437658.4,
3710954.5, 88.7,	90.7,	0.0);		
(437683.4, 3710954.5,	85.3,	97.5,	0.0);	(437708.4,
3710954.5, 80.2,	99.8,	0.0);		

(437733.4, 3710954.5,	74.8,	100.7,	0.0);	(437758.4,
3710954.5, 71.7, 136.4,	0.0);			
(437783.4, 3710954.5,	71.3,	136.4,	0.0);	(437808.4,
3710954.5, 71.2, 149.7,	0.0);			
(437833.4, 3710954.5,	71.1,	183.8,	0.0);	(437858.4,
3710954.5, 71.0, 185.0,	0.0);			
(437883.4, 3710954.5,	70.8,	198.3,	0.0);	(437908.4,
3710954.5, 70.7, 198.3,	0.0);			
(437933.4, 3710954.5,	70.6,	198.3,	0.0);	(437958.4,
3710954.5, 70.9, 198.3,	0.0);			
(437983.4, 3710954.5,	71.3,	207.0,	0.0);	(438008.4,
3710954.5, 71.4, 207.2,	0.0);			
(438033.4, 3710954.5,	71.4,	208.6,	0.0);	(438058.4,
3710954.5, 71.4, 208.6,	0.0);			
(438083.4, 3710954.5,	71.6,	208.6,	0.0);	(438108.4,
3710954.5, 71.7, 208.6,	0.0);			
(438133.4, 3710954.5,	72.0,	208.6,	0.0);	(438158.4,
3710954.5, 72.3, 208.6,	0.0);			
(437583.4, 3710979.5,	91.9,	91.9,	0.0);	(437608.4,
3710979.5, 91.5, 91.5,	0.0);			
(437633.4, 3710979.5,	91.2,	91.2,	0.0);	(437658.4,
3710979.5, 91.1, 91.1,	0.0);			
(437683.4, 3710979.5,	90.3,	94.0,	0.0);	(437708.4,
3710979.5, 87.1, 99.3,	0.0);			
(437733.4, 3710979.5,	79.7,	100.3,	0.0);	(437758.4,
3710979.5, 73.0, 136.4,	0.0);			
(437783.4, 3710979.5,	71.6,	136.4,	0.0);	(437808.4,
3710979.5, 71.5, 149.7,	0.0);			
(437833.4, 3710979.5,	71.4,	149.7,	0.0);	(437858.4,
3710979.5, 71.2, 185.0,	0.0);			
(437883.4, 3710979.5,	71.1,	198.3,	0.0);	(437908.4,
3710979.5, 71.0, 198.3,	0.0);			
(437933.4, 3710979.5,	71.0,	198.3,	0.0);	(437958.4,
3710979.5, 71.1, 198.3,	0.0);			
(437983.4, 3710979.5,	71.3,	198.3,	0.0);	(438008.4,
3710979.5, 71.4, 207.0,	0.0);			
(438033.4, 3710979.5,	71.4,	208.6,	0.0);	(438058.4,
3710979.5, 71.4, 208.6,	0.0);			
(438083.4, 3710979.5,	71.6,	208.6,	0.0);	(438108.4,
3710979.5, 71.8, 208.6,	0.0);			
(438133.4, 3710979.5,	72.2,	208.6,	0.0);	(438158.4,
3710979.5, 72.6, 208.6,	0.0);			
(438183.4, 3710979.5,	72.9,	208.6,	0.0);	(437583.4,
3711004.5, 93.0, 93.0,	0.0);			
(437608.4, 3711004.5,	92.9,	92.9,	0.0);	(437633.4,
3711004.5, 92.8, 92.8,	0.0);			
(437658.4, 3711004.5,	93.0,	93.0,	0.0);	(437683.4,
3711004.5, 93.8, 93.8,	0.0);			
(437708.4, 3711004.5,	92.7,	95.8,	0.0);	(437733.4,
3711004.5, 85.4, 99.8,	0.0);			

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( 437758.4, 3711004.5, 75.4, 102.0, 0.0); ( 437783.4,
3711004.5, 72.0, 136.4, 0.0);
( 437808.4, 3711004.5, 71.5, 149.7, 0.0); ( 437833.4,
3711004.5, 71.5, 149.7, 0.0);
( 437858.4, 3711004.5, 71.4, 183.8, 0.0); ( 437883.4,
3711004.5, 71.4, 187.9, 0.0);
( 437908.4, 3711004.5, 71.4, 198.3, 0.0); ( 437933.4,
3711004.5, 71.5, 198.3, 0.0);
( 437958.4, 3711004.5, 71.1, 198.3, 0.0); ( 437983.4,
3711004.5, 71.2, 198.3, 0.0);
( 438008.4, 3711004.5, 71.3, 207.0, 0.0); ( 438033.4,
3711004.5, 71.3, 207.6, 0.0);
( 438058.4, 3711004.5, 71.4, 208.6, 0.0); ( 438083.4,
3711004.5, 71.7, 208.6, 0.0);
( 438108.4, 3711004.5, 71.9, 208.6, 0.0); ( 438133.4,
3711004.5, 72.3, 208.6, 0.0);
( 438158.4, 3711004.5, 72.8, 208.6, 0.0); ( 438183.4,
3711004.5, 73.1, 208.6, 0.0);
( 438208.4, 3711004.5, 73.4, 208.6, 0.0); ( 437608.4,
3711029.5, 94.1, 94.1, 0.0);
( 437633.4, 3711029.5, 94.1, 94.1, 0.0); ( 437658.4,
3711029.5, 94.5, 94.5, 0.0);
( 437683.4, 3711029.5, 95.2, 95.2, 0.0); ( 437708.4,
3711029.5, 94.8, 95.8, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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( 437733.4, 3711029.5, 90.0, 99.8, 0.0); ( 437758.4,
3711029.5, 80.2, 101.7, 0.0);
( 437783.4, 3711029.5, 73.6, 102.7, 0.0); ( 437808.4,
3711029.5, 71.7, 148.6, 0.0);
( 437833.4, 3711029.5, 71.6, 149.7, 0.0); ( 437858.4,
3711029.5, 71.8, 149.7, 0.0);
( 437883.4, 3711029.5, 71.9, 185.0, 0.0); ( 437908.4,
3711029.5, 71.9, 198.3, 0.0);
( 437933.4, 3711029.5, 71.7, 198.3, 0.0); ( 437958.4,
3711029.5, 71.3, 198.3, 0.0);
( 437983.4, 3711029.5, 71.5, 198.3, 0.0); ( 438008.4,
3711029.5, 71.5, 198.3, 0.0);
( 438033.4, 3711029.5, 71.4, 207.0, 0.0); ( 438058.4,
3711029.5, 71.5, 208.6, 0.0);

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(438083.4, 3711029.5,	71.9,	208.6,	0.0);	(438108.4,
3711029.5, 72.2, 208.6,	0.0);			
(438133.4, 3711029.5,	72.3,	208.6,	0.0);	(438158.4,
3711029.5, 72.7, 208.6,	0.0);			
(438183.4, 3711029.5,	73.3,	208.6,	0.0);	(438208.4,
3711029.5, 73.6, 208.6,	0.0);			
(438233.4, 3711029.5,	73.8,	208.6,	0.0);	(437608.4,
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3711054.5, 71.8, 189.8,	0.0);			
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3711079.5, 97.9, 97.9,	0.0);			
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3711079.5, 72.0, 198.3,	0.0);			
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3711104.5, 72.0, 208.6, 0.0);
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

( 438133.4, 3711104.5, 72.3, 208.6, 0.0); ( 438158.4,
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( 437683.4, 3711129.5, 97.9, 97.9, 0.0); ( 437708.4,
3711129.5, 98.9, 98.9, 0.0);
( 437733.4, 3711129.5, 99.7, 99.7, 0.0); ( 437758.4,
3711129.5, 99.5, 99.5, 0.0);
( 437783.4, 3711129.5, 96.7, 100.0, 0.0); ( 437808.4,
3711129.5, 89.6, 102.0, 0.0);
( 437833.4, 3711129.5, 81.4, 102.7, 0.0); ( 437858.4,
3711129.5, 76.9, 102.7, 0.0);

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3711129.5, 72.3, 198.3,	0.0);			
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3711129.5, 72.2, 198.3,	0.0);			
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3711129.5, 72.0, 208.6,	0.0);			
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3711129.5, 72.9, 208.6,	0.0);			
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3711154.5, 93.4, 99.2,	0.0);			
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3711154.5, 100.2, 100.2,	0.0);			
(437783.4, 3711154.5,	99.6,	100.0,	0.0);	(437808.4,
3711154.5, 96.2, 100.7,	0.0);			
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3711154.5, 74.5, 173.5,	0.0);			
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3711179.5, 89.5, 101.1,	0.0);			
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3711179.5, 97.7, 100.3,	0.0);			
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3711179.5, 100.5, 100.5,	0.0);			
(437808.4, 3711179.5,	99.6,	100.6,	0.0);	(437833.4,
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*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

( 437883.4, 3711229.5, 91.9, 102.7, 0.0); ( 437958.4,
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3711254.5, 97.8, 100.9, 0.0);

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(437833.4, 3711254.5, 102.0, 102.0,	0.0);	(437858.4,
3711254.5, 101.6, 101.6, 0.0);		
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(437783.4, 3711279.5, 100.9, 100.9,	0.0);	(437808.4,
3711279.5, 101.7, 101.7, 0.0);		
(437833.4, 3711279.5, 102.2, 102.2,	0.0);	(437858.4,
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3711404.5, 101.0, 101.0, 0.0);		
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3710261.1, 65.7, 211.6, 0.0);		
(437370.5, 3710234.6, 65.4, 211.6,	0.0);	(437383.7,
3710196.7, 65.1, 211.6, 0.0);		
(437398.2, 3710177.1, 65.1, 211.6,	0.0);	(437407.1,
3710152.5, 65.0, 211.6, 0.0);		

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3710097.6, 64.5, 211.6, 0.0);
( 437446.2, 3710121.0, 64.8, 211.6, 0.0); ( 437475.9,
3710096.4, 64.2, 211.6, 0.0);
( 437442.4, 3710073.7, 64.1, 211.6, 0.0); ( 437427.3,
3710057.2, 63.8, 211.6, 0.0);
( 437568.0, 3710023.8, 63.1, 211.6, 0.0); ( 436945.5,
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( 436912.8, 3712076.1, 145.9, 147.0, 0.0); ( 436855.6,
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3711841.8, 144.2, 175.6, 0.0);
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( 436659.8, 3711611.0, 162.9, 175.6, 0.0); ( 436689.7,
3711518.5, 163.8, 175.3, 0.0);
( 436692.5, 3711396.2, 164.3, 168.7, 0.0); ( 436671.2,
3711309.5, 165.1, 165.1, 0.0);
( 436634.2, 3711224.2, 165.9, 165.9, 0.0); ( 436615.7,
3711201.4, 166.1, 166.1, 0.0);
( 436551.7, 3711198.6, 165.3, 165.3, 0.0); ( 436540.3,
3711180.1, 164.4, 164.4, 0.0);
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3711057.8, 136.9, 186.8, 0.0);
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BESS\Compass\Compass.isc *** 05/16/25

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*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

```

( 436510.6, 3710830.8, 168.7, 169.8, 0.0); ( 436541.2,
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3710739.1, 175.6, 175.6, 0.0);
( 436576.1, 3710701.5, 177.5, 185.3, 0.0); ( 436576.1,
3710683.2, 178.4, 185.3, 0.0);
( 436581.4, 3710640.4, 183.6, 183.6, 0.0); ( 436563.9,
3710581.9, 184.1, 184.1, 0.0);

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3710356.8, 179.9, 179.9, 0.0);		
(436245.5, 3710491.1, 184.9, 184.9,	0.0);	(436208.4,
3710551.3, 178.8, 178.8, 0.0);		
(436196.8, 3710648.6, 178.0, 178.0,	0.0);	(436201.5,
3710771.3, 174.1, 174.1, 0.0);		
(436233.9, 3710903.3, 150.6, 180.2,	0.0);	(436261.7,
3711079.3, 135.8, 180.2, 0.0);		
(436384.4, 3711121.0, 137.2, 176.8,	0.0);	(436446.9,
3711171.9, 140.8, 169.4, 0.0);		
(436490.9, 3711352.6, 152.8, 165.3,	0.0);	(436490.9,
3711542.5, 158.4, 158.4, 0.0);		
(436521.0, 3711690.7, 161.9, 161.9,	0.0);	(436578.9,
3711827.3, 148.6, 175.6, 0.0);		
(436602.1, 3711878.2, 146.1, 147.3,	0.0);	(436648.4,
3711959.3, 142.0, 142.0, 0.0);		
(436743.3, 3712123.7, 141.5, 141.5,	0.0);	(436840.6,
3712200.1, 142.9, 142.9, 0.0);		
(436893.9, 3712225.6, 140.9, 144.6,	0.0);	(437701.0,
3710157.5, 65.0, 211.6, 0.0);		
(437769.6, 3710267.9, 65.8, 211.6,	0.0);	(437888.4,
3710425.2, 66.1, 211.6, 0.0);		
(437945.3, 3710542.3, 67.0, 208.6,	0.0);	(438018.9,
3710764.9, 68.8, 208.6, 0.0);		
(438079.2, 3710873.7, 71.0, 208.6,	0.0);	(438154.5,
3710925.5, 72.0, 208.6, 0.0);		
(438259.9, 3711047.7, 74.0, 208.6,	0.0);	(438181.2,
3711084.5, 73.0, 208.6, 0.0);		
(438171.2, 3711129.7, 73.3, 208.6,	0.0);	(437963.7,
3711275.2, 74.5, 189.8, 0.0);		
(437920.2, 3711156.4, 73.7, 189.8,	0.0);	(437839.9,
3711363.9, 101.8, 101.8, 0.0);		
(437779.6, 3711412.5, 100.8, 100.8,	0.0);	(437722.7,
3711350.5, 100.2, 100.2, 0.0);		
(437622.3, 3711352.2, 94.8, 99.0,	0.0);	(437622.3,
3711174.8, 86.7, 100.3, 0.0);		

```

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BESS\Compass\Compass.isc ***      05/16/25
*** AERMET - VERSION 22112 ***      ***
***      14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

PROCESSING ***

[illegible]

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

CATEGORIES ***

(METERS/SEC)

10.80, 1.54, 3.09, 5.14, 8.23,

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*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: ..\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc

Met Version: 22112

Profile file: ..\msvj_sfc_pfl\MSVJ_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 93184

Name: UNKNOWN

Upper air station no.: 3190

Name: UNKNOWN

Year: 2017

Year: 2017

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							
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20	
1.00	0.86	69.			10.0	280.0	9.0							
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20	
1.00	0.90	61.			10.0	279.7	9.0							
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20	
1.00	1.34	69.			10.0	280.4	9.0							
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20	
1.00	0.80	67.			10.0	279.9	9.0							
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20	
1.00	0.86	113.			10.0	279.8	9.0							
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20	
1.00	1.26	92.			10.0	279.9	9.0							
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20	
1.00	1.14	86.			10.0	279.8	9.0							
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20	
0.53	1.00	98.			10.0	280.2	9.0							

17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31					1.12	106.	10.0	283.2	9.0				
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24					1.45	159.	10.0	285.0	9.0				
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21					2.23	183.	10.0	285.5	9.0				
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20					1.83	200.	10.0	286.2	9.0				
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20					2.51	225.	10.0	286.6	9.0				
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21					3.44	205.	10.0	286.5	9.0				
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25					2.57	199.	10.0	286.4	9.0				
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33					2.68	195.	10.0	286.5	9.0				
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61					2.33	190.	10.0	285.5	9.0				
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00					1.29	162.	10.0	284.2	9.0				
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00					1.25	117.	10.0	283.5	9.0				
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00					1.46	104.	10.0	283.4	9.0				
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00					1.44	120.	10.0	284.0	9.0				
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00					1.34	127.	10.0	284.3	9.0				
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00					1.19	128.	10.0	284.0	9.0				
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20
1.00					1.52	129.	10.0	283.9	9.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

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

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*** AERMET - VERSION 22112 ***      ***
***      14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

	436490.03	3710238.34	480.57622 (20020207)	436465.03
3710263.34	608.73768	(21122423)		
	436490.03	3710263.34	587.02166 (21122423)	436515.03
3710263.34	547.14221	(21122423)		
	436540.03	3710263.34	516.65991 (20020207)	436465.03
3710288.34	646.10233	(21122423)		
	436490.03	3710288.34	658.50523 (21122423)	436515.03
3710288.34	651.02502	(21122423)		
	436540.03	3710288.34	622.05736 (21122423)	436465.03
3710313.34	621.24193	(21122423)		
	436490.03	3710313.34	667.93257 (21122423)	436515.03
3710313.34	699.37018	(21122423)		
	436540.03	3710313.34	710.54233 (21122423)	436565.03
3710313.34	697.69122	(21122423)		
	436415.03	3710338.34	596.35085 (19062806)	436440.03
3710338.34	613.70147	(19062806)		
	436465.03	3710338.34	620.68522 (19062806)	436490.03
3710338.34	616.05175	(19033001)		
	436515.03	3710338.34	673.78326 (21122423)	436540.03
3710338.34	726.52113	(21122423)		
	436565.03	3710338.34	760.44836 (21122423)	436315.03
3710363.34	531.15673	(21070705)		
	436340.03	3710363.34	549.31824 (21070705)	436365.03
3710363.34	561.98367	(21070705)		
	436390.03	3710363.34	582.87603 (20101104)	436415.03
3710363.34	605.77940	(20101104)		
	436440.03	3710363.34	621.31721 (20101104)	436465.03
3710363.34	642.46646	(19062806)		
	436490.03	3710363.34	666.46447 (19062806)	436515.03
3710363.34	678.54894	(19062806)		
	436540.03	3710363.34	675.99185 (19062806)	436290.03
3710388.34	529.45167	(20102504)		
	436315.03	3710388.34	540.11614 (20102504)	436340.03
3710388.34	549.12709	(19110604)		
	436365.03	3710388.34	561.96381 (21070705)	436390.03
3710388.34	588.64388	(21070705)		
	436415.03	3710388.34	609.89369 (21070705)	436440.03
3710388.34	624.20321	(21070705)		

436465.03	3710388.34	652.63336	(20101104)	436490.03
3710388.34	676.46953	(20101104)		
436290.03	3710413.34	538.50001	(20030806)	436315.03
3710413.34	555.00675	(20030806)		
436340.03	3710413.34	568.26550	(20030806)	436365.03
3710413.34	586.80604	(20102504)		
436390.03	3710413.34	601.52691	(20102504)	436415.03
3710413.34	611.98212	(19110604)		
436440.03	3710413.34	626.32419	(19110604)	436465.03
3710413.34	658.38306	(21070705)		
436490.03	3710413.34	683.62741	(21070705)	436290.03
3710438.34	519.99607	(20040703)		
436315.03	3710438.34	539.68866	(20030806)	436340.03
3710438.34	567.13054	(20030806)		
436365.03	3710438.34	592.74459	(20030806)	436390.03
3710438.34	615.71102	(20030806)		
436415.03	3710438.34	635.08030	(20030806)	436440.03
3710438.34	654.09304	(20102504)		
436465.03	3710438.34	674.50723	(20102504)	436490.03
3710438.34	688.88305	(20102504)		
436265.03	3710463.34	512.40188	(20040703)	436290.03
3710463.34	532.76062	(20040703)		
436315.03	3710463.34	552.07574	(20040703)	436340.03
3710463.34	569.93104	(20040703)		
436365.03	3710463.34	585.86142	(20040703)	436390.03
3710463.34	599.35460	(20040703)		
436415.03	3710463.34	619.08169	(20030806)	436440.03
3710463.34	653.44222	(20030806)		
436465.03	3710463.34	685.28519	(20030806)	436490.03
3710463.34	713.31814	(20030806)		
436265.03	3710488.34	533.88157	(21110503)	436290.03
3710488.34	547.14272	(21110503)		
436315.03	3710488.34	559.38060	(21110503)	436340.03
3710488.34	570.32359	(21110503)		
436365.03	3710488.34	579.66844	(21110503)	436390.03
3710488.34	605.59575	(20040703)		
436415.03	3710488.34	632.60851	(20040703)	436440.03
3710488.34	658.15822	(20040703)		
436465.03	3710488.34	681.57106	(20040703)	436490.03
3710488.34	702.03082	(20040703)		
436240.03	3710513.34	514.84874	(21123108)	436265.03
3710513.34	527.59546	(21123108)		

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 *** AERMET - VERSION 22112 ***
 *** 14:12:41

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436290.03	3710513.34	547.12839	(21110503)	436315.03
3710513.34	568.61298	(21110503)		
436340.03	3710513.34	590.09209	(21110503)	436365.03
3710513.34	611.35423	(21110503)		
436390.03	3710513.34	632.14394	(21110503)	436415.03
3710513.34	652.11327	(21110503)		
436440.03	3710513.34	670.87807	(21110503)	436465.03
3710513.34	688.01722	(21110503)		
436490.03	3710513.34	702.97854	(21110503)	436240.03
3710538.34	519.21378	(21120204)		
436265.03	3710538.34	531.63519	(21120204)	436290.03
3710538.34	548.74486	(21123108)		
436315.03	3710538.34	568.64516	(21123108)	436340.03
3710538.34	588.93894	(21123108)		
436365.03	3710538.34	609.55291	(21123108)	436390.03
3710538.34	630.38665	(21123108)		
436415.03	3710538.34	651.26309	(21123108)	436440.03
3710538.34	672.01150	(21123108)		
436465.03	3710538.34	697.60038	(21110503)	436490.03
3710538.34	729.37785	(21110503)		
436515.03	3710538.34	761.07538	(21110503)	436215.03
3710563.34	508.75869	(21120204)		
436240.03	3710563.34	525.93125	(21120204)	436265.03
3710563.34	543.68284	(21120204)		
436290.03	3710563.34	562.22580	(21120204)	436315.03
3710563.34	581.39193	(21120204)		
436340.03	3710563.34	601.25101	(21120204)	436365.03
3710563.34	621.80067	(21120204)		
436390.03	3710563.34	643.05486	(21120204)	436415.03
3710563.34	664.90026	(21120204)		
436440.03	3710563.34	687.31664	(21120204)	436465.03
3710563.34	710.26089	(21120204)		
436490.03	3710563.34	733.59808	(21120204)	436515.03
3710563.34	759.89430	(21123108)		
436540.03	3710563.34	794.94617	(21123108)	436215.03
3710588.34	497.76313	(20020723)		

436240.03	3710588.34	512.67792	(20020723)	436265.03
3710588.34	528.26814	(20020723)		
436290.03	3710588.34	544.56209	(20020723)	436315.03
3710588.34	561.49335	(20020723)		
436340.03	3710588.34	579.27686	(20020723)	436365.03
3710588.34	597.88165	(20020723)		
436390.03	3710588.34	617.40193	(20020723)	436415.03
3710588.34	641.52579	(21120204)		
436440.03	3710588.34	670.25603	(21120204)	436465.03
3710588.34	700.73887	(21120204)		
436490.03	3710588.34	733.05676	(21120204)	436515.03
3710588.34	767.33169	(21120204)		
436540.03	3710588.34	803.68075	(21120204)	436565.03
3710588.34	842.19394	(21120204)		
436215.03	3710613.34	493.88358	(20020723)	436240.03
3710613.34	510.00560	(20020723)		
436265.03	3710613.34	526.99777	(20020723)	436290.03
3710613.34	544.91622	(20020723)		
436315.03	3710613.34	563.83018	(20020723)	436340.03
3710613.34	583.81152	(20020723)		
436365.03	3710613.34	604.93458	(20020723)	436390.03
3710613.34	627.28104	(20020723)		
436415.03	3710613.34	650.94896	(20020723)	436440.03
3710613.34	676.03545	(20020723)		
436465.03	3710613.34	702.67526	(20020723)	436490.03
3710613.34	730.94062	(20020723)		
436515.03	3710613.34	760.96570	(20020723)	436540.03
3710613.34	792.88405	(20020723)		
436565.03	3710613.34	826.81144	(20020723)	436215.03
3710638.34	451.92758	(20020723)		
436240.03	3710638.34	466.41424	(20020723)	436265.03
3710638.34	481.67488	(20020723)		
436290.03	3710638.34	497.75326	(20020723)	436315.03
3710638.34	514.71858	(20020723)		
436340.03	3710638.34	532.64116	(20020723)	436365.03
3710638.34	551.58416	(20020723)		
436390.03	3710638.34	571.62332	(20020723)	436415.03
3710638.34	592.83390	(20020723)		
436440.03	3710638.34	615.29995	(20020723)	436465.03
3710638.34	639.15708	(20020723)		
436490.03	3710638.34	664.46135	(20020723)	436515.03
3710638.34	691.34875	(20020723)		
436540.03	3710638.34	719.94357	(20020723)	436565.03
3710638.34	750.34581	(20020723)		

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*** AERMET - VERSION 22112 *** ***

*** 14:12:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436215.03	3710663.34	381.29813	(20020723)	436240.03
3710663.34	392.04213	(20020723)		
436265.03	3710663.34	403.25530	(20020723)	436290.03
3710663.34	414.94557	(20020723)		
436315.03	3710663.34	427.14547	(20020723)	436340.03
3710663.34	439.88556	(20020723)		
436365.03	3710663.34	453.17702	(20020723)	436390.03
3710663.34	467.04893	(20020723)		
436415.03	3710663.34	481.50023	(20020723)	436440.03
3710663.34	496.53790	(20020723)		
436465.03	3710663.34	513.71140	(18012918)	436490.03
3710663.34	532.34892	(18012918)		
436515.03	3710663.34	552.12611	(18012918)	436540.03
3710663.34	572.99752	(18012918)		
436565.03	3710663.34	594.93335	(18012918)	436215.03
3710688.34	369.17131	(18012918)		
436240.03	3710688.34	379.22646	(18012918)	436265.03
3710688.34	391.07515	(17121018)		
436290.03	3710688.34	403.86412	(17121018)	436315.03
3710688.34	417.20828	(17121018)		
436340.03	3710688.34	431.15207	(17121018)	436365.03
3710688.34	445.70799	(17121018)		
436390.03	3710688.34	460.93357	(17121018)	436415.03
3710688.34	476.80087	(17121018)		
436440.03	3710688.34	493.31921	(17121018)	436465.03
3710688.34	510.57343	(17121018)		
436490.03	3710688.34	528.32984	(17121018)	436515.03
3710688.34	547.12435	(21022320)		
436540.03	3710688.34	567.89811	(21022320)	436565.03
3710688.34	589.39643	(21022320)		
436215.03	3710713.34	369.36870	(17121018)	436240.03
3710713.34	379.26992	(17121018)		
436265.03	3710713.34	389.43160	(17121018)	436290.03
3710713.34	400.30451	(21022320)		

436315.03	3710713.34	411.92370	(18011819)	436340.03
3710713.34	426.59747	(17121219)		
436365.03	3710713.34	442.13560	(17121219)	436390.03
3710713.34	458.19809	(17121219)		
436415.03	3710713.34	474.68094	(17121219)	436440.03
3710713.34	491.49364	(17121219)		
436465.03	3710713.34	508.75944	(17121219)	436490.03
3710713.34	526.20201	(17121219)		
436515.03	3710713.34	543.78583	(17121219)	436540.03
3710713.34	561.41619	(17121219)		
436565.03	3710713.34	584.00890	(18120923)	436215.03
3710738.34	369.57492	(17121219)		
436240.03	3710738.34	380.53986	(17121219)	436265.03
3710738.34	391.68103	(17121219)		
436290.03	3710738.34	402.93672	(17121219)	436315.03
3710738.34	414.27561	(17121219)		
436340.03	3710738.34	425.65738	(17121219)	436365.03
3710738.34	436.98559	(17121219)		
436390.03	3710738.34	448.19720	(17121219)	436415.03
3710738.34	464.88781	(18120923)		
436440.03	3710738.34	482.47593	(18120923)	436465.03
3710738.34	500.10771	(18120923)		
436490.03	3710738.34	519.58869	(20120219)	436515.03
3710738.34	541.35686	(20120219)		
436540.03	3710738.34	562.86052	(20120219)	436215.03
3710763.34	360.85661	(20021204)		
436240.03	3710763.34	370.84786	(18120923)	436265.03
3710763.34	383.18741	(18120923)		
436290.03	3710763.34	395.53002	(18120923)	436315.03
3710763.34	407.86808	(18011221)		
436340.03	3710763.34	420.42033	(20120219)	436365.03
3710763.34	435.93982	(20120219)		
436390.03	3710763.34	451.27293	(20120219)	436415.03
3710763.34	466.32357	(20120219)		
436440.03	3710763.34	481.02094	(20120219)	436465.03
3710763.34	496.68494	(18011820)		
436490.03	3710763.34	513.14660	(18011820)	436515.03
3710763.34	531.85403	(18010403)		
436540.03	3710763.34	552.29304	(18012822)	436215.03
3710788.34	361.90094	(20120219)		
436240.03	3710788.34	373.49894	(20120219)	436265.03
3710788.34	384.89558	(20120219)		
436290.03	3710788.34	395.86808	(20120219)	436315.03
3710788.34	406.59423	(21011903)		
436340.03	3710788.34	418.76987	(18011820)	436365.03
3710788.34	431.42890	(18011820)		

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*** AERMET - VERSION 22112 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436390.03	3710788.34	444.59045	(18011907)	436415.03
3710788.34	458.53786	(18011907)		
436440.03	3710788.34	474.26586	(18012822)	436465.03
3710788.34	494.18084	(18012822)		
436490.03	3710788.34	512.60286	(18012822)	436515.03
3710788.34	531.10398	(21012201)		
436540.03	3710788.34	552.92620	(21012201)	436215.03
3710813.34	359.50986	(18011820)		
436240.03	3710813.34	369.42681	(18011820)	436265.03
3710813.34	379.25573	(18011907)		
436290.03	3710813.34	390.49913	(18011907)	436315.03
3710813.34	401.04852	(18011907)		
436340.03	3710813.34	413.77545	(18012822)	436365.03
3710813.34	429.28053	(18012822)		
436390.03	3710813.34	443.78627	(18012822)	436415.03
3710813.34	458.21868	(21012201)		
436440.03	3710813.34	476.52619	(21012201)	436465.03
3710813.34	492.83757	(21012201)		
436490.03	3710813.34	508.77213	(18011318)	436515.03
3710813.34	532.92864	(18011318)		
436540.03	3710813.34	554.08173	(18011318)	436240.03
3710838.34	366.02093	(18012822)		
436265.03	3710838.34	378.50424	(18012822)	436290.03
3710838.34	390.16536	(18012822)		
436315.03	3710838.34	400.77033	(18012822)	436340.03
3710838.34	415.65634	(21012201)		
436365.03	3710838.34	429.52099	(21012201)	436240.03
3710863.34	366.85128	(21012201)		
436265.03	3710863.34	378.79681	(21012201)	436290.03
3710863.34	389.54864	(21012201)		
436315.03	3710863.34	398.92793	(21012201)	436340.03
3710863.34	414.09463	(18011318)		

436240.03	3710888.34	363.39421	(18011318)	436265.03
3710888.34	377.66522	(18011318)		
436290.03	3710888.34	390.52516	(18011318)	436315.03
3710888.34	401.62554	(18011318)		
436340.03	3710888.34	410.57192	(18011318)	436240.03
3710913.34	365.75456	(18011318)		
436265.03	3710913.34	373.86758	(18011318)	436290.03
3710913.34	380.83718	(21012103)		
436315.03	3710913.34	388.37215	(17121604)	436340.03
3710913.34	399.53739	(21010924)		
436240.03	3710938.34	353.39706	(21012103)	436265.03
3710938.34	362.47809	(18123104)		
436290.03	3710938.34	375.42145	(21010924)	436315.03
3710938.34	386.80092	(21010924)		
436340.03	3710938.34	395.43570	(21010924)	436265.03
3710963.34	360.47734	(21010924)		
436290.03	3710963.34	368.12632	(21012901)	436315.03
3710963.34	379.36178	(21012901)		
436340.03	3710963.34	390.67216	(18122422)	436365.03
3710963.34	403.60210	(20013122)		
436265.03	3710988.34	354.99550	(18010324)	436290.03
3710988.34	364.80562	(18122422)		
436315.03	3710988.34	375.84766	(20013122)	436340.03
3710988.34	386.74273	(20013122)		
436365.03	3710988.34	404.45493	(21011506)	436390.03
3710988.34	461.99141	(21090404)		
436415.03	3710988.34	519.76084	(21090404)	436440.03
3710988.34	571.56535	(21090404)		
436265.03	3711013.34	351.31087	(20013122)	436290.03
3711013.34	359.95895	(21011506)		
436315.03	3711013.34	375.37829	(21011506)	436340.03
3711013.34	426.03682	(21090404)		
436365.03	3711013.34	478.33538	(21090404)	436390.03
3711013.34	525.93554	(21090404)		
436415.03	3711013.34	565.13089	(21090404)	436440.03
3711013.34	591.95344	(21090404)		
436265.03	3711038.34	348.50472	(21011506)	436290.03
3711038.34	394.42311	(21090404)		
436315.03	3711038.34	442.05103	(21090404)	436340.03
3711038.34	485.90496	(21090404)		
436365.03	3711038.34	522.91752	(21090404)	436390.03
3711038.34	549.88888	(21090404)		
436415.03	3711038.34	563.71917	(21090404)	436440.03
3711038.34	591.40945	(21021003)		
436465.03	3711038.34	609.41610	(21021003)	436265.03
3711063.34	409.90633	(21090404)		
436290.03	3711063.34	450.49559	(21090404)	436315.03
3711063.34	485.47724	(21090404)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436340.03	3711063.34	512.12268	(21090404)	436365.03
3711063.34	527.81432	(21090404)		
436390.03	3711063.34	546.20255	(21021003)	436415.03
3711063.34	568.68045	(21021003)		
436440.03	3711063.34	580.18946	(20050504)	436465.03
3711063.34	595.91953	(20050502)		
436490.03	3711063.34	607.36716	(20091302)	436290.03
3711088.34	478.08359	(21090404)		
436315.03	3711088.34	495.01676	(21090404)	436340.03
3711088.34	504.77153	(21021003)		
436365.03	3711088.34	529.95874	(21021003)	436390.03
3711088.34	541.61712	(21021003)		
436415.03	3711088.34	552.89891	(20050504)	436440.03
3711088.34	567.63974	(20050502)		
436465.03	3711088.34	577.68320	(20091302)	436490.03
3711088.34	599.35388	(21101622)		
436365.03	3711113.34	518.84077	(20050504)	436390.03
3711113.34	531.89980	(20050502)		
436415.03	3711113.34	540.96061	(20091302)	436440.03
3711113.34	548.20620	(21101622)		
436465.03	3711113.34	574.52365	(21101622)	436490.03
3711113.34	578.60375	(21101622)		
436515.03	3711113.34	594.48893	(21021007)	436415.03
3711138.34	531.41850	(21101622)		
436440.03	3711138.34	549.13993	(21101622)	436465.03
3711138.34	546.00953	(21101622)		
436490.03	3711138.34	570.99338	(21021007)	436515.03
3711138.34	584.65377	(21021007)		
436440.03	3711163.34	517.74430	(21021007)	436465.03
3711163.34	548.15924	(21021007)		

436490.03	3711163.34	556.02872	(21021007)	436515.03
3711163.34	569.23971	(21041803)		
436465.03	3711188.34	529.08023	(21021007)	436490.03
3711188.34	543.93381	(21041803)		
436515.03	3711188.34	553.46956	(18060804)	436540.03
3711188.34	576.45712	(21090424)		
436465.03	3711213.34	520.32430	(21041803)	436490.03
3711213.34	530.43539	(18060804)		
436515.03	3711213.34	550.93807	(21090424)	436540.03
3711213.34	560.36618	(21090424)		
436565.03	3711213.34	570.61330	(19050206)	436590.03
3711213.34	588.41399	(20121320)		
436615.03	3711213.34	601.38719	(18070905)	436465.03
3711238.34	509.02998	(18060804)		
436490.03	3711238.34	527.20558	(21090424)	436515.03
3711238.34	536.07405	(21090424)		
436540.03	3711238.34	545.56048	(19050206)	436565.03
3711238.34	562.96365	(20121320)		
436590.03	3711238.34	573.18426	(18070905)	436615.03
3711238.34	577.69106	(18070905)		
436640.03	3711238.34	591.27228	(20070301)	436490.03
3711263.34	513.45391	(21090424)		
436515.03	3711263.34	522.20134	(19050206)	436540.03
3711263.34	539.10235	(20121320)		
436565.03	3711263.34	546.40239	(18070905)	436590.03
3711263.34	556.21777	(18070905)		
436615.03	3711263.34	560.31415	(20070301)	436640.03
3711263.34	576.56204	(20070301)		
436490.03	3711288.34	500.35326	(19050206)	436515.03
3711288.34	516.69579	(20121320)		
436540.03	3711288.34	521.01926	(18070905)	436565.03
3711288.34	535.15702	(18070905)		
436590.03	3711288.34	533.75937	(20082304)	436615.03
3711288.34	553.63474	(20070301)		
436640.03	3711288.34	564.36840	(19112623)	436490.03
3711313.34	495.63746	(20121320)		
436515.03	3711313.34	496.92172	(18070905)	436540.03
3711313.34	514.57177	(18070905)		
436565.03	3711313.34	509.58613	(20082304)	436590.03
3711313.34	530.13792	(20070301)		
436615.03	3711313.34	535.49267	(19112623)	436640.03
3711313.34	560.90783	(20012624)		
436665.03	3711313.34	562.14166	(20012624)	436490.03
3711338.34	477.65287	(20121320)		
436515.03	3711338.34	494.57273	(18070905)	436540.03
3711338.34	488.69066	(18070905)		
436565.03	3711338.34	506.42854	(20070301)	436590.03
3711338.34	511.73332	(20070301)		
436615.03	3711338.34	531.97884	(20012624)	436640.03
3711338.34	545.55077	(20012624)		

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 *** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436665.03	3711338.34	549.07302	(21120223)	436515.03
3711363.34	474.02726	(18070905)		
436540.03	3711363.34	482.84494	(20070301)	436565.03
3711363.34	494.70950	(20070301)		
436590.03	3711363.34	506.55467	(19112623)	436615.03
3711363.34	525.70292	(20012624)		
436640.03	3711363.34	519.08681	(21070203)	436665.03
3711363.34	544.78920	(21120223)		
436515.03	3711388.34	461.39999	(20082304)	436540.03
3711388.34	476.93532	(20070301)		
436565.03	3711388.34	483.49081	(19112623)	436590.03
3711388.34	503.51299	(20012624)		
436615.03	3711388.34	504.16229	(20012624)	436640.03
3711388.34	518.15399	(21120223)		
436665.03	3711388.34	526.34824	(21120223)	436690.03
3711388.34	523.32594	(20053122)		
436515.03	3711413.34	458.71633	(20070301)	436540.03
3711413.34	459.91454	(19112623)		
436565.03	3711413.34	479.75319	(20012624)	436590.03
3711413.34	490.27624	(20012624)		
436615.03	3711413.34	488.56089	(21120223)	436640.03
3711413.34	509.60078	(21120223)		
436665.03	3711413.34	500.26455	(20053122)	436690.03
3711413.34	502.17395	(20053122)		
436515.03	3711438.34	444.34855	(20070301)	436540.03
3711438.34	457.78860	(19112623)		
436565.03	3711438.34	473.74197	(20012624)	436590.03
3711438.34	468.61784	(21070203)		

436615.03	3711438.34	488.47148	(21120223)	436640.03
3711438.34	489.29097	(21120223)		
436665.03	3711438.34	489.52887	(20053122)	436690.03
3711438.34	482.39392	(18071824)		
436515.03	3711463.34	439.22987	(19112623)	436540.03
3711463.34	455.35549	(20012624)		
436565.03	3711463.34	455.57193	(20012624)	436590.03
3711463.34	464.20467	(21120223)		
436615.03	3711463.34	476.88318	(21120223)	436640.03
3711463.34	470.62171	(20053122)		
436665.03	3711463.34	468.88271	(20053122)	436690.03
3711463.34	465.68748	(19082401)		
436515.03	3711488.34	435.68966	(20012624)	436540.03
3711488.34	443.82314	(20012624)		
436565.03	3711488.34	438.05698	(21070203)	436590.03
3711488.34	460.13556	(21120223)		
436615.03	3711488.34	455.36838	(21120223)	436640.03
3711488.34	458.97039	(20053122)		
436665.03	3711488.34	451.89520	(18071824)	436690.03
3711488.34	468.89294	(19082401)		
436515.03	3711513.34	430.01762	(20012624)	436540.03
3711513.34	425.92147	(21070203)		
436565.03	3711513.34	440.35170	(21120223)	436590.03
3711513.34	446.43259	(21120223)		
436615.03	3711513.34	443.52579	(20053122)	436640.03
3711513.34	439.56575	(18071824)		
436665.03	3711513.34	436.48818	(19082401)	436515.03
3711538.34	414.52279	(20012624)		
436540.03	3711538.34	418.42709	(21120223)	436565.03
3711538.34	433.63450	(21120223)		
436590.03	3711538.34	424.56945	(21120223)	436615.03
3711538.34	431.47681	(20053122)		
436640.03	3711538.34	424.65820	(18071824)	436665.03
3711538.34	439.87910	(19082401)		
436515.03	3711563.34	400.36457	(21070203)	436540.03
3711563.34	417.60055	(21120223)		
436565.03	3711563.34	418.50958	(21120223)	436590.03
3711563.34	418.85383	(20053122)		
436615.03	3711563.34	414.37647	(18071824)	436640.03
3711563.34	410.21950	(19082401)		
436665.03	3711563.34	436.66234	(19082401)	436515.03
3711588.34	399.25669	(21120223)		
436540.03	3711588.34	408.63128	(21120223)	436565.03
3711588.34	402.16654	(20053122)		
436590.03	3711588.34	406.52673	(20053122)	436615.03
3711588.34	400.20695	(18071824)		
436640.03	3711588.34	413.74594	(19082401)	436665.03
3711588.34	427.52299	(19082401)		
436515.03	3711613.34	395.76536	(21120223)	436540.03
3711613.34	392.61024	(21120223)		

436565.03 3711613.34 396.32866 (20053122) 436590.03
 3711613.34 391.58528 (18071824)
 *** AERMOD - VERSION 24142 *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
 BESS\Compass\Compass.isc *** 05/16/25
 *** AERMET - VERSION 22112 ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436615.03	3711613.34	386.51428	(19082401)	436640.03
3711613.34	411.45596	(19082401)		
436515.03	3711638.34	385.24457	(21120223)	436540.03
3711638.34	382.17733	(20053122)		
436565.03	3711638.34	383.89473	(20053122)	436590.03
3711638.34	378.18219	(18071824)		
436615.03	3711638.34	390.10609	(19082401)	436640.03
3711638.34	403.89586	(19082401)		
436665.03	3711638.34	410.81947	(20101803)	436540.03
3711663.34	375.57080	(20053122)		
436565.03	3711663.34	370.95964	(18071824)	436590.03
3711663.34	365.10563	(19082401)		
436615.03	3711663.34	388.55071	(19082401)	436640.03
3711663.34	396.70753	(20101803)		
436665.03	3711663.34	402.07047	(20092306)	436540.03
3711688.34	363.15570	(20053122)		
436565.03	3711688.34	358.12903	(18071824)	436590.03
3711688.34	368.72809	(19082401)		
436615.03	3711688.34	382.41438	(19082401)	436640.03
3711688.34	388.91675	(20101803)		
436665.03	3711688.34	392.88181	(20092306)	436540.03
3711713.34	352.09780	(18071824)		
436565.03	3711713.34	345.51969	(19082401)	436590.03
3711713.34	367.78587	(19082401)		
436615.03	3711713.34	374.98693	(20101803)	436640.03
3711713.34	380.06317	(20092306)		

436665.03	3711713.34	385.30557	(17100222)	436690.03
3711713.34	387.74704	(21020622)		
436565.03	3711738.34	349.17324	(19082401)	436590.03
3711738.34	362.63939	(19082401)		
436615.03	3711738.34	368.82429	(20101803)	436640.03
3711738.34	372.96740	(20092306)		
436665.03	3711738.34	377.17915	(17100222)	436690.03
3711738.34	378.56610	(21020622)		
436715.03	3711738.34	375.09360	(21060824)	436565.03
3711763.34	348.54613	(19082401)		
436590.03	3711763.34	355.02767	(20101803)	436615.03
3711763.34	359.55169	(20092306)		
436640.03	3711763.34	364.43470	(17100222)	436665.03
3711763.34	367.12352	(21020622)		
436690.03	3711763.34	366.44229	(21020622)	436715.03
3711763.34	366.79968	(19071305)		
436740.03	3711763.34	363.75065	(19070105)	436565.03
3711788.34	343.53355	(19082401)		
436590.03	3711788.34	349.43690	(20101803)	436615.03
3711788.34	354.32315	(20092306)		
436640.03	3711788.34	358.59872	(17100222)	436665.03
3711788.34	360.71257	(21020622)		
436690.03	3711788.34	356.99267	(21060824)	436715.03
3711788.34	357.90399	(19071305)		
436740.03	3711788.34	359.68035	(19070105)	436590.03
3711813.34	341.18659	(20101803)		
436615.03	3711813.34	345.33800	(20092306)	436640.03
3711813.34	349.06592	(17100222)		
436665.03	3711813.34	351.42772	(21020622)	436690.03
3711813.34	346.82299	(21060824)		
436715.03	3711813.34	347.45102	(19071305)	436740.03
3711813.34	353.67991	(19070105)		
436765.03	3711813.34	361.20759	(17102803)	436590.03
3711838.34	335.56991	(20092306)		
436615.03	3711838.34	339.70983	(17100222)	436640.03
3711838.34	343.17894	(21020622)		
436665.03	3711838.34	339.69741	(21020622)	436690.03
3711838.34	339.95265	(19071305)		
436715.03	3711838.34	336.83258	(20050805)	436740.03
3711838.34	346.04735	(19070105)		
436765.03	3711838.34	352.70520	(17102803)	436790.03
3711838.34	350.67883	(20120702)		
436615.03	3711863.34	332.11998	(17100222)	436640.03
3711863.34	336.07835	(21020622)		
436665.03	3711863.34	330.35031	(21060824)	436690.03
3711863.34	331.96847	(19071305)		
436715.03	3711863.34	332.48623	(19070105)	436740.03
3711863.34	339.50837	(17102803)		
436765.03	3711863.34	343.15968	(17102803)	436790.03
3711863.34	345.44214	(20120702)		

436615.03 3711888.34 324.03774 (21020622) 436640.03
 3711888.34 325.06451 (21020622)
 436665.03 3711888.34 321.76401 (19071305) 436690.03
 3711888.34 322.72382 (19071305)

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 *** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436715.03	3711888.34	327.48743	(19070105)	436740.03
3711888.34	334.03728	(17102803)		
436765.03	3711888.34	332.47194	(17102803)	436790.03
3711888.34	339.26396	(20120702)		
436640.03	3711913.34	313.84474	(21060824)	436665.03
3711913.34	316.31910	(19071305)		
436690.03	3711913.34	313.13320	(20050805)	436715.03
3711913.34	321.26963	(19070105)		
436740.03	3711913.34	327.34589	(17102803)	436765.03
3711913.34	323.48744	(20120702)		
436790.03	3711913.34	332.28005	(20120702)	436640.03
3711938.34	306.76233	(21060824)		
436665.03	3711938.34	309.56922	(19071305)	436690.03
3711938.34	308.46084	(19070105)		
436715.03	3711938.34	314.02079	(17102803)	436740.03
3711938.34	319.67324	(17102803)		
436765.03	3711938.34	319.96216	(20120702)	436790.03
3711938.34	324.61415	(20120702)		
436665.03	3711963.34	301.59135	(19071305)	436690.03
3711963.34	304.53859	(19070105)		
436715.03	3711963.34	309.81840	(17102803)	436740.03
3711963.34	310.96913	(17102803)		
436765.03	3711963.34	315.65765	(20120702)	436790.03
3711963.34	316.47466	(20120702)		

436690.03	3711988.34	299.22647	(19070105)	436715.03
3711988.34	304.03984	(17102803)		
436740.03	3711988.34	301.24439	(17102803)	436765.03
3711988.34	310.45003	(20120702)		
436790.03	3711988.34	307.71233	(20120702)	436815.03
3711988.34	317.45681	(19120806)		
436690.03	3712013.34	293.25597	(19070105)	436715.03
3712013.34	297.88783	(17102803)		
436740.03	3712013.34	297.48658	(20120702)	436765.03
3712013.34	304.48650	(20120702)		
436790.03	3712013.34	302.92716	(19120806)	436815.03
3712013.34	311.31967	(19120806)		
436715.03	3712038.34	291.07053	(17102803)	436740.03
3712038.34	294.39568	(20120702)		
436765.03	3712038.34	297.94133	(20120702)	436790.03
3712038.34	299.58972	(19120806)		
436815.03	3712038.34	304.72939	(19120806)	436840.03
3712038.34	301.32071	(19052823)		
436715.03	3712063.34	283.49816	(17102803)	436740.03
3712063.34	290.49481	(20120702)		
436765.03	3712063.34	290.92529	(20120702)	436790.03
3712063.34	295.62543	(19120806)		
436815.03	3712063.34	297.73413	(19120806)	436840.03
3712063.34	297.26380	(21121219)		
436865.03	3712063.34	300.63407	(21121219)	436740.03
3712088.34	285.85367	(20120702)		
436765.03	3712088.34	283.49578	(20120702)	436790.03
3712088.34	291.10347	(19120806)		
436815.03	3712088.34	290.38044	(19120806)	436840.03
3712088.34	292.85862	(21121219)		
436865.03	3712088.34	293.41476	(21121219)	436890.03
3712088.34	291.99754	(20091402)		
436915.03	3712088.34	289.86123	(21090703)	436740.03
3712113.34	280.73310	(20120702)		
436765.03	3712113.34	277.34989	(19120806)	436790.03
3712113.34	286.13313	(19120806)		
436815.03	3712113.34	282.75589	(19120806)	436840.03
3712113.34	287.69891	(21121219)		
436865.03	3712113.34	285.99459	(21121219)	436890.03
3712113.34	284.88061	(20091402)		
436915.03	3712113.34	285.15040	(21090703)	436765.03
3712138.34	274.80387	(19120806)		
436790.03	3712138.34	280.78211	(19120806)	436815.03
3712138.34	277.01913	(19052823)		
436840.03	3712138.34	282.12040	(21121219)	436865.03
3712138.34	280.29345	(20091402)		
436890.03	3712138.34	277.18620	(20091402)	436915.03
3712138.34	279.52071	(21090703)		
436815.03	3712163.34	271.51955	(19052823)	436840.03
3712163.34	276.55874	(21121219)		

436865.03	3712163.34	274.73490	(20091402)	436890.03
3712163.34	270.90166	(20092722)		
436915.03	3712163.34	274.09433	(21090703)	436840.03
3712188.34	270.76149	(21121219)		
436865.03	3712188.34	269.21028	(20091402)	436890.03
3712188.34	265.49812	(20092722)		

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 BESS\Compass\Compass.isc *** 05/16/25

*** AERMET - VERSION 22112 ***
 *** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)		CONC				
			(YYMMDDHH)			
436915.03	3712188.34	268.88828	(21090703)	436890.03		
3712213.34	259.52699	(20092722)				
436915.03	3712213.34	263.26425	(21090703)	436940.03		
3712213.34	265.30489	(20050503)				
437683.43	3710179.48	242.88186	(17012020)	437708.43		
3710179.48	234.89159	(17012020)				
437658.43	3710204.48	269.74964	(17012020)	437683.43		
3710204.48	264.37785	(17012020)				
437708.43	3710204.48	257.27587	(17012020)	437633.43		
3710229.48	300.35656	(17012020)				
437658.43	3710229.48	295.66782	(17012020)	437683.43		
3710229.48	293.86973	(17012020)				
437708.43	3710229.48	288.88392	(17012020)	437733.43		
3710229.48	278.22409	(17012020)				
437608.43	3710254.48	334.61784	(17012020)	437633.43		
3710254.48	329.12247	(17012020)				
437658.43	3710254.48	324.89962	(17012020)	437683.43		
3710254.48	320.01146	(17012020)				
437708.43	3710254.48	311.96874	(17012020)	437733.43		
3710254.48	304.26065	(17012020)				
437758.43	3710254.48	295.16489	(17012020)	437583.43		
3710279.48	370.69637	(17012020)				

437608.43	3710279.48	359.79340	(17012020)	437633.43
3710279.48	351.05682	(17012020)		
437658.43	3710279.48	342.14436	(17012020)	437683.43
3710279.48	332.13361	(17012020)		
437708.43	3710279.48	320.94946	(17012020)	437733.43
3710279.48	313.33524	(17012020)		
437758.43	3710279.48	307.97806	(19012103)	437583.43
3710304.48	394.13698	(17012020)		
437608.43	3710304.48	378.16779	(17012020)	437633.43
3710304.48	365.27229	(17012020)		
437658.43	3710304.48	349.96595	(17012020)	437683.43
3710304.48	335.21702	(17012020)		
437708.43	3710304.48	323.66645	(19012103)	437733.43
3710304.48	316.15787	(19012103)		
437758.43	3710304.48	308.12495	(19012103)	437783.43
3710304.48	291.80891	(19012103)		
437558.43	3710329.48	439.31031	(17012020)	437583.43
3710329.48	413.89972	(17012020)		
437608.43	3710329.48	390.35521	(17012020)	437633.43
3710329.48	369.13959	(17012020)		
437658.43	3710329.48	349.12872	(19012103)	437683.43
3710329.48	331.73936	(19012103)		
437708.43	3710329.48	318.70988	(19012103)	437733.43
3710329.48	305.38841	(19012103)		
437758.43	3710329.48	291.08431	(19012103)	437783.43
3710329.48	280.25931	(19012103)		
437808.43	3710329.48	274.41933	(19012103)	437533.43
3710354.48	493.08840	(17012020)		
437558.43	3710354.48	462.76099	(17012020)	437583.43
3710354.48	431.76414	(17012020)		
437608.43	3710354.48	397.15852	(19012103)	437633.43
3710354.48	360.74306	(19012103)		
437658.43	3710354.48	320.98205	(19012103)	437683.43
3710354.48	301.48925	(19012103)		
437708.43	3710354.48	285.31522	(19012103)	437733.43
3710354.48	269.59609	(19012103)		
437758.43	3710354.48	254.44001	(19012103)	437783.43
3710354.48	248.88326	(19021721)		
437808.43	3710354.48	273.70776	(19021721)	437833.43
3710354.48	275.26440	(17012019)		
437508.43	3710379.48	566.20366	(17012020)	437533.43
3710379.48	523.22326	(17012020)		
437558.43	3710379.48	486.44378	(19012103)	437583.43
3710379.48	459.06711	(19012103)		
437608.43	3710379.48	414.55164	(19012103)	437633.43
3710379.48	354.12187	(19012103)		
437658.43	3710379.48	322.33525	(19012103)	437683.43
3710379.48	302.99361	(19012103)		
437708.43	3710379.48	284.88963	(19021721)	437733.43
3710379.48	272.34220	(19021721)		

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437758.43 3710379.48 260.45785 (17012019) 437783.43
3710379.48 270.83246 (17012019)
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3710379.48 274.97303 (17012019)
437508.43 3710404.48 595.83260 (17012020) 437533.43
3710404.48 551.70123 (19012103)
437558.43 3710404.48 515.42263 (19012103) 437583.43
3710404.48 477.11472 (19012103)
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*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

```

** CONC OF CO IN MICROGRAMS/M**3
**
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - - -
437608.43 3710404.48 411.21538 (19012103) 437633.43
3710404.48 344.02531 (19012103)
437658.43 3710404.48 323.87950 (19021721) 437683.43
3710404.48 318.57089 (19021721)
437708.43 3710404.48 304.97294 (17012019) 437733.43
3710404.48 285.39545 (17012019)
437758.43 3710404.48 282.00537 (17012019) 437783.43
3710404.48 293.77437 (17012019)
437808.43 3710404.48 296.52426 (17012019) 437833.43
3710404.48 282.62952 (17012019)
437858.43 3710404.48 272.93128 (17012019) 437483.43
3710429.48 696.96731 (19012103)
437508.43 3710429.48 628.72474 (19012103) 437533.43
3710429.48 576.43810 (19012103)
437558.43 3710429.48 533.81168 (19012103) 437583.43
3710429.48 487.73427 (19012103)
437608.43 3710429.48 427.26068 (19021721) 437633.43
3710429.48 376.99703 (17012019)
437658.43 3710429.48 373.25157 (17012019) 437683.43
3710429.48 368.90914 (17012019)

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437708.43	3710429.48	348.28143	(17012019)	437733.43
3710429.48	321.47941	(17012019)		
437758.43	3710429.48	308.46359	(17012019)	437783.43
3710429.48	312.06313	(17012019)		
437808.43	3710429.48	308.40389	(17012019)	437833.43
3710429.48	296.12796	(18012018)		
437858.43	3710429.48	280.02282	(18012018)	437883.43
3710429.48	272.92074	(18012018)		
437483.43	3710454.48	728.86245	(19012103)	437508.43
3710454.48	647.46219	(19012103)		
437533.43	3710454.48	589.46878	(19021721)	437558.43
3710454.48	553.34537	(19021721)		
437583.43	3710454.48	521.40968	(17012019)	437608.43
3710454.48	475.62189	(17012019)		
437633.43	3710454.48	440.67567	(17012019)	437658.43
3710454.48	429.92152	(17012019)		
437683.43	3710454.48	411.42961	(17012019)	437708.43
3710454.48	378.82066	(17012019)		
437733.43	3710454.48	342.53217	(17012019)	437758.43
3710454.48	320.52405	(18012018)		
437783.43	3710454.48	324.26036	(18012018)	437808.43
3710454.48	320.84306	(18012018)		
437833.43	3710454.48	307.41747	(18012018)	437858.43
3710454.48	288.29362	(19012102)		
437883.43	3710454.48	274.85268	(19012102)	437483.43
3710479.48	748.34167	(19021721)		
437508.43	3710479.48	672.97883	(17012019)	437533.43
3710479.48	622.33381	(17012019)		
437558.43	3710479.48	581.90349	(17012019)	437583.43
3710479.48	547.57402	(17012019)		
437608.43	3710479.48	512.58424	(17012019)	437633.43
3710479.48	478.92106	(17012019)		
437658.43	3710479.48	447.43405	(18012018)	437683.43
3710479.48	415.16823	(18012018)		
437708.43	3710479.48	381.87600	(18012018)	437733.43
3710479.48	351.82177	(19012102)		
437758.43	3710479.48	334.49825	(19012102)	437783.43
3710479.48	334.00698	(19012102)		
437808.43	3710479.48	326.86701	(19012102)	437833.43
3710479.48	311.64571	(19012102)		
437858.43	3710479.48	298.52671	(19012102)	437883.43
3710479.48	287.02040	(19012102)		
437908.43	3710479.48	278.06925	(19012102)	437483.43
3710504.48	827.42685	(17012019)		
437508.43	3710504.48	717.66455	(17012019)	437533.43
3710504.48	658.80041	(17012019)		
437558.43	3710504.48	607.10119	(17012019)	437583.43
3710504.48	559.50711	(18012018)		
437608.43	3710504.48	516.43590	(18012018)	437633.43
3710504.48	480.55454	(19012102)		

437658.43	3710504.48	450.14205	(19012102)	437683.43
3710504.48	421.42831	(19012102)		
437708.43	3710504.48	395.58632	(19012102)	437733.43
3710504.48	372.36853	(19012102)		
437758.43	3710504.48	354.68648	(19012102)	437783.43
3710504.48	342.13814	(19012102)		
437808.43	3710504.48	335.83023	(19012102)	437833.43
3710504.48	325.98668	(19012102)		
437858.43	3710504.48	313.08563	(19012102)	437883.43
3710504.48	296.86254	(19012102)		

^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

437908.43	3710504.48	277.96046	(19012102)	437483.43
3710529.48	967.56654	(18012018)		
437508.43	3710529.48	892.35864	(18012018)	437533.43
3710529.48	784.59029	(18012018)		
437558.43	3710529.48	669.49762	(19012102)	437583.43
3710529.48	598.10645	(19012102)		
437608.43	3710529.48	548.74696	(19012102)	437633.43
3710529.48	508.03961	(19012102)		
437658.43	3710529.48	470.82375	(19012102)	437683.43
3710529.48	439.73187	(19012102)		
437708.43	3710529.48	410.87215	(19012102)	437733.43
3710529.48	384.42087	(19012102)		
437758.43	3710529.48	361.60891	(19012102)	437783.43
3710529.48	348.19087	(19012102)		
437808.43	3710529.48	339.55001	(19012102)	437833.43
3710529.48	326.67698	(19012102)		
437858.43	3710529.48	308.61363	(19012102)	437883.43
3710529.48	291.61491	(19012102)		

437908.43	3710529.48	276.09573	(19012102)	437933.43
3710529.48	268.11108	(19012102)		
437508.43	3710554.48	1039.03591	(19012024)	437533.43
3710554.48	937.08504	(19012102)		
437558.43	3710554.48	815.16372	(19012102)	437583.43
3710554.48	707.49342	(19012102)		
437608.43	3710554.48	613.33989	(19012102)	437633.43
3710554.48	546.61018	(19012102)		
437658.43	3710554.48	495.75279	(19012102)	437683.43
3710554.48	449.02447	(19012102)		
437708.43	3710554.48	416.16264	(18122507)	437733.43
3710554.48	394.51197	(18122507)		
437758.43	3710554.48	375.23213	(18122507)	437783.43
3710554.48	363.85619	(18122507)		
437808.43	3710554.48	353.94386	(18122507)	437833.43
3710554.48	342.31187	(18122507)		
437858.43	3710554.48	328.75489	(18122507)	437883.43
3710554.48	315.82130	(18122507)		
437908.43	3710554.48	302.99932	(18122507)	437933.43
3710554.48	289.81723	(18122507)		
437508.43	3710579.48	1096.40131	(19022103)	437533.43
3710579.48	1030.98282	(19022103)		
437558.43	3710579.48	947.09171	(19022103)	437583.43
3710579.48	845.65304	(19022103)		
437608.43	3710579.48	733.96143	(19022103)	437633.43
3710579.48	663.64687	(18122507)		
437658.43	3710579.48	607.95114	(18122507)	437683.43
3710579.48	531.00586	(18122507)		
437708.43	3710579.48	469.13554	(18122507)	437733.43
3710579.48	442.22384	(18122507)		
437758.43	3710579.48	422.32777	(18122507)	437783.43
3710579.48	406.74357	(18122507)		
437808.43	3710579.48	389.34269	(18122507)	437833.43
3710579.48	374.04993	(18122507)		
437858.43	3710579.48	361.15547	(18122507)	437883.43
3710579.48	344.51470	(18122507)		
437908.43	3710579.48	328.46873	(18122507)	437933.43
3710579.48	310.94393	(18122507)		
437508.43	3710604.48	1113.13764	(18122503)	437533.43
3710604.48	1056.59984	(18122503)		
437558.43	3710604.48	999.66217	(18122503)	437583.43
3710604.48	942.69299	(18122507)		
437608.43	3710604.48	880.83184	(18122507)	437633.43
3710604.48	826.50657	(18122507)		
437658.43	3710604.48	762.14502	(18122507)	437683.43
3710604.48	648.87359	(18122507)		
437708.43	3710604.48	525.98397	(18122507)	437733.43
3710604.48	487.42527	(18122507)		
437758.43	3710604.48	468.61599	(18122507)	437783.43
3710604.48	449.33789	(18122507)		

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437808.43 3710604.48 424.73061 (18122507) 437833.43
3710604.48 402.24719 (18122507)
437858.43 3710604.48 385.94517 (18122507) 437883.43
3710604.48 363.13705 (18122507)
437908.43 3710604.48 345.33295 (18122507) 437933.43
3710604.48 332.17180 (18122507)
437958.43 3710604.48 322.38408 (18122507) 437483.43
3710629.48 1211.02107 (18122503)
437508.43 3710629.48 1166.86188 (18122503) 437533.43
3710629.48 1114.83640 (18122507)
437558.43 3710629.48 1062.57850 (18122507) 437583.43
3710629.48 1008.92910 (18122507)
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): STCK1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437608.43	3710629.48	955.86620	(18122507)	437633.43
3710629.48	903.11348	(18122507)		
437658.43	3710629.48	836.01958	(18122507)	437683.43
3710629.48	725.79097	(18122507)		
437708.43	3710629.48	585.57841	(18122507)	437733.43
3710629.48	519.75898	(18122507)		
437758.43	3710629.48	497.79699	(18122507)	437783.43
3710629.48	475.43015	(18122507)		
437808.43	3710629.48	447.21412	(18122507)	437833.43
3710629.48	415.58202	(18122507)		
437858.43	3710629.48	396.39240	(18122507)	437883.43
3710629.48	379.47337	(18122507)		
437908.43	3710629.48	367.26701	(18122507)	437933.43
3710629.48	356.80051	(18122507)		
437958.43	3710629.48	340.46507	(18122507)	437458.43
3710654.48	1191.24927	(18122506)		

437483.43	3710654.48	1163.72019	(18122506)	437508.43
3710654.48	1145.92657	(18122506)		
437533.43	3710654.48	1113.59881	(18122506)	437558.43
3710654.48	1061.49986	(18122506)		
437583.43	3710654.48	1003.92373	(18122506)	437608.43
3710654.48	951.88423	(18122507)		
437633.43	3710654.48	904.31739	(18122507)	437658.43
3710654.48	850.33468	(18122507)		
437683.43	3710654.48	755.12991	(18122507)	437708.43
3710654.48	611.81663	(18122507)		
437733.43	3710654.48	534.79328	(18122507)	437758.43
3710654.48	505.39599	(18122507)		
437783.43	3710654.48	479.00776	(18122507)	437808.43
3710654.48	453.25223	(18122507)		
437833.43	3710654.48	426.22697	(18122507)	437858.43
3710654.48	412.34457	(18122507)		
437883.43	3710654.48	396.98365	(18122507)	437908.43
3710654.48	379.19494	(18122507)		
437933.43	3710654.48	361.88770	(18122507)	437958.43
3710654.48	344.27050	(18122507)		
437458.43	3710679.48	1193.43698	(17121917)	437483.43
3710679.48	1161.27403	(19012101)		
437508.43	3710679.48	1147.95130	(19012101)	437533.43
3710679.48	1115.43655	(19012101)		
437558.43	3710679.48	1060.63909	(19012101)	437583.43
3710679.48	1000.48254	(19012101)		
437608.43	3710679.48	943.77600	(19012101)	437633.43
3710679.48	896.82929	(18122506)		
437658.43	3710679.48	846.53372	(18122506)	437683.43
3710679.48	749.81961	(18122506)		
437708.43	3710679.48	599.07997	(17012018)	437733.43
3710679.48	527.91011	(17012018)		
437758.43	3710679.48	496.61091	(18122507)	437783.43
3710679.48	473.76245	(18122507)		
437808.43	3710679.48	450.17552	(18122507)	437833.43
3710679.48	425.10269	(18122507)		
437858.43	3710679.48	409.25743	(18122507)	437883.43
3710679.48	392.77003	(18122507)		
437908.43	3710679.48	375.48809	(18122507)	437933.43
3710679.48	360.73004	(18122507)		
437958.43	3710679.48	346.25013	(18122507)	437983.43
3710679.48	334.83673	(18122507)		
437458.43	3710704.48	1168.52607	(21010117)	437483.43
3710704.48	1130.06334	(21010117)		
437508.43	3710704.48	1119.43755	(20020818)	437533.43
3710704.48	1090.34599	(20020818)		
437558.43	3710704.48	1042.32714	(19012101)	437583.43
3710704.48	994.60430	(19012101)		
437608.43	3710704.48	947.49832	(19012101)	437633.43
3710704.48	901.69912	(19012101)		

437658.43	3710704.48	850.51423	(19012101)	437683.43
3710704.48	742.22294	(19012101)		
437708.43	3710704.48	594.99250	(17012018)	437733.43
3710704.48	536.19396	(17012018)		
437758.43	3710704.48	505.87473	(17012018)	437783.43
3710704.48	482.78339	(17012018)		
437808.43	3710704.48	457.98727	(17012018)	437833.43
3710704.48	430.68386	(17012018)		
437858.43	3710704.48	411.44852	(17012018)	437883.43
3710704.48	394.47585	(17012018)		
437908.43	3710704.48	378.18457	(17012018)	437933.43
3710704.48	363.81487	(17012018)		
437958.43	3710704.48	347.88454	(17012018)	437983.43
3710704.48	330.37497	(17012018)		

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*** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437458.43	3710729.48	1166.86042	(20012117)	437483.43
3710729.48	1110.27843	(20123124)		
437508.43	3710729.48	1100.99167	(18021902)	437533.43
3710729.48	1077.83677	(20020818)		
437558.43	3710729.48	1041.46743	(20020818)	437583.43
3710729.48	992.73584	(20020818)		
437608.43	3710729.48	943.14458	(20020818)	437633.43
3710729.48	894.89697	(20020818)		
437658.43	3710729.48	842.28551	(20020818)	437683.43
3710729.48	726.83179	(20020818)		
437708.43	3710729.48	580.08882	(20020818)	437733.43
3710729.48	530.49654	(17012018)		
437758.43	3710729.48	504.47507	(17012018)	437783.43
3710729.48	481.42064	(17012018)		

437808.43	3710729.48	458.32809	(17012018)	437833.43
3710729.48	431.26809	(17012018)		
437858.43	3710729.48	414.75277	(17012018)	437883.43
3710729.48	401.06138	(17012018)		
437908.43	3710729.48	385.95507	(17012018)	437933.43
3710729.48	370.05088	(17012018)		
437958.43	3710729.48	352.82994	(17012018)	437983.43
3710729.48	335.20261	(17012018)		
437458.43	3710754.48	1158.41348	(17120317)	437483.43
3710754.48	1104.74444	(20012117)		
437508.43	3710754.48	1071.50229	(17022318)	437533.43
3710754.48	1050.71906	(17022318)		
437558.43	3710754.48	1005.51721	(17022318)	437583.43
3710754.48	964.82187	(18021902)		
437608.43	3710754.48	921.64546	(18021902)	437633.43
3710754.48	879.15612	(20020818)		
437658.43	3710754.48	832.30223	(20020818)	437683.43
3710754.48	715.12540	(20020818)		
437708.43	3710754.48	591.79301	(20020818)	437733.43
3710754.48	549.98536	(20020818)		
437758.43	3710754.48	524.46246	(20020818)	437783.43
3710754.48	497.20998	(20020818)		
437808.43	3710754.48	465.90945	(20020818)	437833.43
3710754.48	432.70606	(20020818)		
437858.43	3710754.48	416.18129	(20020818)	437883.43
3710754.48	397.01715	(20020818)		
437908.43	3710754.48	377.26001	(17012018)	437933.43
3710754.48	361.09361	(17012018)		
437958.43	3710754.48	348.75555	(17012018)	437983.43
3710754.48	337.03691	(17012018)		
438008.43	3710754.48	325.90159	(17012018)	437458.43
3710779.48	1155.33909	(17122019)		
437483.43	3710779.48	1087.47850	(17120317)	437508.43
3710779.48	1056.72535	(17120317)		
437533.43	3710779.48	1023.48867	(17120317)	437558.43
3710779.48	987.04494	(19122417)		
437583.43	3710779.48	939.32232	(17022318)	437608.43
3710779.48	900.79555	(17022318)		
437633.43	3710779.48	849.19246	(17022318)	437658.43
3710779.48	757.63946	(18021902)		
437683.43	3710779.48	650.18757	(20020818)	437708.43
3710779.48	586.79442	(20020818)		
437733.43	3710779.48	553.76303	(20020818)	437758.43
3710779.48	523.57287	(20020818)		
437783.43	3710779.48	494.94826	(20020818)	437808.43
3710779.48	467.66704	(20020818)		
437833.43	3710779.48	440.70301	(20020818)	437858.43
3710779.48	421.47347	(20020818)		
437883.43	3710779.48	402.02755	(20020818)	437908.43
3710779.48	386.41802	(20020818)		

437933.43	3710779.48	372.24263	(20020818)	437958.43
3710779.48	357.89863	(20020818)		
437983.43	3710779.48	340.82604	(20020818)	438008.43
3710779.48	322.31308	(20020818)		
437458.43	3710804.48	1173.49034	(17122019)	437483.43
3710804.48	1072.91598	(17122019)		
437508.43	3710804.48	1006.25993	(17122019)	437533.43
3710804.48	991.24116	(18021903)		
437558.43	3710804.48	976.30924	(18021903)	437583.43
3710804.48	936.18844	(18021903)		
437608.43	3710804.48	886.63412	(19122417)	437633.43
3710804.48	832.10825	(19021521)		
437658.43	3710804.48	717.00633	(19021521)	437683.43
3710804.48	624.51557	(19021521)		
437708.43	3710804.48	569.91577	(19021521)	437733.43
3710804.48	541.54344	(18021902)		

^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437758.43	3710804.48	514.63222	(18021902)	437783.43
3710804.48	490.41613	(20020818)		
437808.43	3710804.48	468.10033	(20020818)	437833.43
3710804.48	442.02376	(20020818)		
437858.43	3710804.48	420.11541	(20020818)	437883.43
3710804.48	406.34914	(20020818)		
437908.43	3710804.48	391.68709	(20020818)	437933.43
3710804.48	376.05912	(20020818)		
437958.43	3710804.48	360.02926	(20020818)	437983.43
3710804.48	344.71399	(20020818)		
438008.43	3710804.48	330.70148	(20020818)	438033.43
3710804.48	321.00510	(20020818)		

437458.43	3710829.48	1145.91369	(18022222)	437483.43
3710829.48	1046.83992	(18022222)		
437508.43	3710829.48	982.47177	(17122019)	437533.43
3710829.48	967.44823	(17122019)		
437558.43	3710829.48	946.21604	(17122019)	437583.43
3710829.48	914.52882	(18021903)		
437608.43	3710829.48	889.21615	(18021903)	437633.43
3710829.48	831.61226	(18021903)		
437658.43	3710829.48	726.77269	(19021521)	437683.43
3710829.48	642.40864	(19021521)		
437708.43	3710829.48	585.42632	(19021521)	437733.43
3710829.48	552.76175	(19021521)		
437758.43	3710829.48	521.49168	(19021521)	437783.43
3710829.48	486.68320	(19021521)		
437808.43	3710829.48	457.55996	(18021902)	437833.43
3710829.48	432.25175	(18021902)		
437858.43	3710829.48	409.89673	(20020818)	437883.43
3710829.48	399.44245	(20020818)		
437908.43	3710829.48	383.98301	(20020818)	437933.43
3710829.48	370.16482	(20020818)		
437958.43	3710829.48	358.37216	(20020818)	437983.43
3710829.48	348.29728	(20020818)		
438008.43	3710829.48	338.28291	(20020818)	438033.43
3710829.48	324.62671	(20020818)		
437458.43	3710854.48	1052.34471	(18022222)	437483.43
3710854.48	1019.84511	(18022222)		
437508.43	3710854.48	967.51825	(18022222)	437533.43
3710854.48	927.21423	(18022222)		
437558.43	3710854.48	919.05318	(17122019)	437583.43
3710854.48	901.81256	(17122019)		
437608.43	3710854.48	868.28196	(17122019)	437633.43
3710854.48	817.61786	(18021903)		
437658.43	3710854.48	759.62445	(18021903)	437683.43
3710854.48	664.38841	(18021903)		
437708.43	3710854.48	588.63702	(19021521)	437733.43
3710854.48	554.94699	(19021521)		
437758.43	3710854.48	529.91565	(19021521)	437783.43
3710854.48	499.00938	(19021521)		
437808.43	3710854.48	468.36861	(19021521)	437833.43
3710854.48	439.54462	(19021521)		
437858.43	3710854.48	412.22895	(19021521)	437883.43
3710854.48	389.57819	(19021521)		
437908.43	3710854.48	374.10860	(18021902)	437933.43
3710854.48	364.13516	(18021902)		
437958.43	3710854.48	354.63595	(18021902)	437983.43
3710854.48	346.61916	(20020818)		
438008.43	3710854.48	339.08698	(20020818)	438033.43
3710854.48	328.15470	(20020818)		
438058.43	3710854.48	330.59725	(20020818)	437458.43
3710879.48	971.11576	(18122117)		

437483.43	3710879.48	919.97822	(18022222)	437508.43
3710879.48	914.89452	(18022222)		
437533.43	3710879.48	906.97146	(18022222)	437558.43
3710879.48	890.58786	(18022222)		
437583.43	3710879.48	853.46992	(18022222)	437608.43
3710879.48	839.61057	(17122019)		
437633.43	3710879.48	817.77373	(17122019)	437658.43
3710879.48	778.88932	(17122019)		
437683.43	3710879.48	697.17493	(17122019)	437708.43
3710879.48	590.62688	(18021903)		
437733.43	3710879.48	542.46001	(18021903)	437758.43
3710879.48	519.97571	(19021521)		
437783.43	3710879.48	500.44505	(19021521)	437808.43
3710879.48	477.43209	(19021521)		
437833.43	3710879.48	455.53495	(19021521)	437858.43
3710879.48	428.97077	(19021521)		
437883.43	3710879.48	402.55096	(19021521)	437908.43
3710879.48	387.54011	(19021521)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437933.43	3710879.48	374.02589	(19021521)	437958.43
3710879.48	354.43233	(19021521)		
437983.43	3710879.48	340.22611	(18021902)	438008.43
3710879.48	334.79985	(18021902)		
438033.43	3710879.48	331.95271	(18021902)	438058.43
3710879.48	326.15291	(18021902)		
438083.43	3710879.48	320.32668	(18021902)	437483.43
3710904.48	909.28033	(18122117)		
437508.43	3710904.48	837.21079	(17021107)	437533.43
3710904.48	834.45293	(18022222)		

437558.43	3710904.48	844.89379	(18022222)	437583.43
3710904.48	834.64034	(18022222)		
437608.43	3710904.48	807.89690	(18022222)	437633.43
3710904.48	773.28243	(19020522)		
437658.43	3710904.48	761.81402	(17122019)	437683.43
3710904.48	721.22442	(17122019)		
437708.43	3710904.48	605.38109	(17122019)	437733.43
3710904.48	534.13615	(17122019)		
437758.43	3710904.48	511.72014	(18021903)	437783.43
3710904.48	496.40794	(18021903)		
437808.43	3710904.48	474.36132	(18021903)	437833.43
3710904.48	452.73882	(19021521)		
437858.43	3710904.48	428.63399	(19021521)	437883.43
3710904.48	407.01957	(19021521)		
437908.43	3710904.48	395.52318	(19021521)	437933.43
3710904.48	381.93917	(19021521)		
437958.43	3710904.48	363.30855	(19021521)	437983.43
3710904.48	347.99386	(19021521)		
438008.43	3710904.48	341.55751	(19021521)	438033.43
3710904.48	332.54014	(19021521)		
438058.43	3710904.48	325.29545	(18021902)	438083.43
3710904.48	316.45286	(18021902)		
438108.43	3710904.48	309.47128	(18021902)	437508.43
3710929.48	839.64864	(18122117)		
437533.43	3710929.48	786.17381	(18122117)	437558.43
3710929.48	759.46293	(18022222)		
437583.43	3710929.48	775.08045	(18022222)	437608.43
3710929.48	773.31429	(18022222)		
437633.43	3710929.48	758.19397	(18022222)	437658.43
3710929.48	739.66641	(18021904)		
437683.43	3710929.48	707.74143	(19020522)	437708.43
3710929.48	623.58312	(19020522)		
437733.43	3710929.48	546.67037	(18011920)	437758.43
3710929.48	507.80542	(17122019)		
437783.43	3710929.48	484.01011	(17122019)	437808.43
3710929.48	463.32091	(18021903)		
437833.43	3710929.48	444.87735	(18021903)	437858.43
3710929.48	425.36932	(18021903)		
437883.43	3710929.48	408.68283	(19021521)	437908.43
3710929.48	394.71376	(19021521)		
437933.43	3710929.48	381.67184	(19021521)	437958.43
3710929.48	372.09188	(19021521)		
437983.43	3710929.48	362.71077	(19021521)	438008.43
3710929.48	352.06713	(19021521)		
438033.43	3710929.48	340.02583	(19021521)	438058.43
3710929.48	329.38749	(19021521)		
438083.43	3710929.48	317.73454	(19021521)	438108.43
3710929.48	304.70356	(19021521)		
438133.43	3710929.48	296.90743	(18021902)	437558.43
3710954.48	740.06159	(18122117)		

437583.43	3710954.48	701.46946	(17021107)	437608.43
3710954.48	706.06288	(18022222)		
437633.43	3710954.48	712.84417	(18022222)	437658.43
3710954.48	709.71087	(18022222)		
437683.43	3710954.48	703.25510	(18021904)	437708.43
3710954.48	667.95753	(18021904)		
437733.43	3710954.48	585.84399	(19020522)	437758.43
3710954.48	513.58261	(19020522)		
437783.43	3710954.48	483.55549	(18011920)	437808.43
3710954.48	462.23562	(17122019)		
437833.43	3710954.48	441.06963	(17122019)	437858.43
3710954.48	420.48097	(18021903)		
437883.43	3710954.48	406.63720	(18021903)	437908.43
3710954.48	390.64540	(18021903)		
437933.43	3710954.48	377.52004	(18021903)	437958.43
3710954.48	370.17583	(19021521)		
437983.43	3710954.48	364.64732	(19021521)	438008.43
3710954.48	354.77200	(19021521)		
438033.43	3710954.48	342.35710	(19021521)	438058.43
3710954.48	331.58606	(19021521)		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

438083.43	3710954.48	322.42669	(19021521)	438108.43
3710954.48	311.84264	(19021521)		
438133.43	3710954.48	302.90960	(19021521)	438158.43
3710954.48	294.52619	(19021521)		
437583.43	3710979.48	694.91157	(18122117)	437608.43
3710979.48	662.64507	(17021107)		
437633.43	3710979.48	640.01191	(18022222)	437658.43
3710979.48	652.34662	(18022222)		

437683.43	3710979.48	656.40359	(18022222)	437708.43
3710979.48	657.26795	(18021904)		
437733.43	3710979.48	629.21681	(18021904)	437758.43
3710979.48	529.99607	(18021904)		
437783.43	3710979.48	483.70081	(19020522)	437808.43
3710979.48	462.13990	(19020522)		
437833.43	3710979.48	442.44106	(18011920)	437858.43
3710979.48	421.77078	(17122019)		
437883.43	3710979.48	403.18336	(17122019)	437908.43
3710979.48	384.57677	(17122019)		
437933.43	3710979.48	375.74018	(18021903)	437958.43
3710979.48	365.54015	(18021903)		
437983.43	3710979.48	358.23894	(18021903)	438008.43
3710979.48	349.09479	(18021903)		
438033.43	3710979.48	337.73075	(19021521)	438058.43
3710979.48	328.42472	(19021521)		
438083.43	3710979.48	321.31179	(19021521)	438108.43
3710979.48	313.57196	(19021521)		
438133.43	3710979.48	307.90499	(19021521)	438158.43
3710979.48	301.62386	(19021521)		
438183.43	3710979.48	293.91186	(19021521)	437583.43
3711004.48	666.12301	(18122117)		
437608.43	3711004.48	651.70643	(18122117)	437633.43
3711004.48	625.93738	(18122117)		
437658.43	3711004.48	594.30810	(17021107)	437683.43
3711004.48	587.21804	(18022222)		
437708.43	3711004.48	600.71729	(18022222)	437733.43
3711004.48	618.97163	(18021904)		
437758.43	3711004.48	552.41865	(18021904)	437783.43
3711004.48	487.25079	(18021904)		
437808.43	3711004.48	459.60838	(18021904)	437833.43
3711004.48	438.86287	(19020522)		
437858.43	3711004.48	420.55462	(19020522)	437883.43
3711004.48	403.81563	(18011920)		
437908.43	3711004.48	388.95486	(17122019)	437933.43
3711004.48	377.36117	(17122019)		
437958.43	3711004.48	357.54512	(17122019)	437983.43
3711004.48	347.35648	(18021903)		
438008.43	3711004.48	340.38209	(18021903)	438033.43
3711004.48	331.52021	(18021903)		
438058.43	3711004.48	324.04748	(18021903)	438083.43
3711004.48	317.93126	(18021903)		
438108.43	3711004.48	311.21944	(19021521)	438133.43
3711004.48	306.60554	(19021521)		
438158.43	3711004.48	303.10751	(19021521)	438183.43
3711004.48	297.39598	(19021521)		
438208.43	3711004.48	290.55335	(19021521)	437608.43
3711029.48	619.81165	(18122117)		
437633.43	3711029.48	610.65659	(18122117)	437658.43
3711029.48	589.57870	(18122117)		

437683.43	3711029.48	560.00319	(17021107)	437708.43
3711029.48	543.28522	(18022219)		
437733.43	3711029.48	567.44130	(18022222)	437758.43
3711029.48	568.08414	(18021904)		
437783.43	3711029.48	494.95030	(18021904)	437808.43
3711029.48	454.49416	(18021904)		
437833.43	3711029.48	438.11226	(18021904)	437858.43
3711029.48	423.82426	(18021904)		
437883.43	3711029.48	407.78324	(19020522)	437908.43
3711029.48	392.05043	(19020522)		
437933.43	3711029.48	375.89388	(18011920)	437958.43
3711029.48	358.14402	(17122019)		
437983.43	3711029.48	349.52608	(17122019)	438008.43
3711029.48	337.21214	(17122019)		
438033.43	3711029.48	323.65945	(18021903)	438058.43
3711029.48	318.60128	(18021903)		
438083.43	3711029.48	316.11356	(18021903)	438108.43
3711029.48	310.45416	(18021903)		
438133.43	3711029.48	303.41998	(18021903)	438158.43
3711029.48	298.97461	(18021903)		
438183.43	3711029.48	295.98351	(19021521)	438208.43
3711029.48	291.17447	(19021521)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

438233.43	3711029.48	284.89221	(19021521)	437608.43	
3711054.48	592.62552	(17021119)			
437633.43	3711054.48	582.69169	(17021119)	437658.43	
3711054.48	572.84789	(18122117)			
437683.43	3711054.48	555.97634	(18122117)	437708.43	
3711054.48	531.84239	(18122117)			

437733.43	3711054.48	517.07139	(18022219)	437758.43
3711054.48	529.78464	(18022222)		
437783.43	3711054.48	518.09544	(18021904)	437808.43
3711054.48	457.10180	(18021904)		
437833.43	3711054.48	430.74321	(18021904)	437858.43
3711054.48	418.60239	(18021904)		
437883.43	3711054.48	405.71446	(18021904)	437908.43
3711054.48	389.70391	(18021904)		
437933.43	3711054.48	372.51332	(19020522)	437958.43
3711054.48	357.04279	(19020522)		
437983.43	3711054.48	348.34395	(18011920)	438008.43
3711054.48	339.11447	(17122019)		
438033.43	3711054.48	326.80228	(17122019)	438058.43
3711054.48	313.95300	(17122019)		
438083.43	3711054.48	305.52893	(17122019)	438108.43
3711054.48	304.14551	(18021903)		
438133.43	3711054.48	300.40446	(18021903)	438158.43
3711054.48	295.57428	(18021903)		
438183.43	3711054.48	292.75488	(18021903)	438208.43
3711054.48	289.14361	(18021903)		
438233.43	3711054.48	283.50597	(18021903)	437633.43
3711079.48	559.55773	(19122917)		
437658.43	3711079.48	547.12426	(17021119)	437683.43
3711079.48	535.49073	(18122117)		
437708.43	3711079.48	522.17648	(18122117)	437733.43
3711079.48	504.63725	(18122117)		
437758.43	3711079.48	497.18574	(17021107)	437783.43
3711079.48	493.80090	(18021904)		
437808.43	3711079.48	472.03363	(18021904)	437833.43
3711079.48	430.64414	(18021904)		
437858.43	3711079.48	412.70675	(18021904)	437883.43
3711079.48	403.12304	(18021904)		
437908.43	3711079.48	390.39935	(18021904)	437933.43
3711079.48	375.00039	(18021904)		
437958.43	3711079.48	359.01499	(18021904)	437983.43
3711079.48	346.51652	(19020522)		
438008.43	3711079.48	336.07657	(19020522)	438033.43
3711079.48	326.00225	(18011920)		
438058.43	3711079.48	314.05344	(17122019)	438083.43
3711079.48	304.43195	(17122019)		
438108.43	3711079.48	299.22011	(17122019)	438133.43
3711079.48	293.29019	(17122019)		
438158.43	3711079.48	287.98506	(18021903)	438183.43
3711079.48	286.70965	(18021903)		
437633.43	3711104.48	553.67408	(19122917)	437658.43
3711104.48	529.12834	(19122917)		
437683.43	3711104.48	513.73330	(17021119)	437708.43
3711104.48	500.15749	(18122117)		
437733.43	3711104.48	492.48651	(18122117)	437758.43
3711104.48	485.42156	(18122117)		

437783.43	3711104.48	482.19490	(17021107)	437808.43
3711104.48	456.13669	(18021904)		
437833.43	3711104.48	434.51668	(18021904)	437858.43
3711104.48	410.16993	(18021904)		
437883.43	3711104.48	397.77376	(18021904)	437908.43
3711104.48	385.46540	(18021904)		
437933.43	3711104.48	373.33151	(18021904)	437958.43
3711104.48	359.58175	(18021904)		
437983.43	3711104.48	346.08186	(18021904)	438008.43
3711104.48	334.01644	(18021904)		
438033.43	3711104.48	324.61953	(19020522)	438058.43
3711104.48	313.44642	(19020522)		
438083.43	3711104.48	302.33494	(18011920)	438108.43
3711104.48	295.01123	(17122019)		
438133.43	3711104.48	290.53351	(17122019)	438158.43
3711104.48	286.13193	(17122019)		
437633.43	3711129.48	539.18879	(19122917)	437658.43
3711129.48	527.46232	(19122917)		
437683.43	3711129.48	505.49701	(19122917)	437708.43
3711129.48	486.32309	(17021119)		
437733.43	3711129.48	473.10434	(17021119)	437758.43
3711129.48	470.09378	(18122117)		
437783.43	3711129.48	469.58915	(18122117)	437808.43
3711129.48	463.46191	(18122117)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437833.43	3711129.48	422.25625	(17021107)	437858.43
3711129.48	408.02002	(18021904)		
437883.43	3711129.48	392.09447	(18021904)	437908.43
3711129.48	375.23193	(18021904)		

437933.43	3711129.48	363.60284	(18021904)	437958.43
3711129.48	353.19231	(18021904)		
437983.43	3711129.48	342.76789	(18021904)	438008.43
3711129.48	332.43882	(18021904)		
438033.43	3711129.48	323.42524	(18021904)	438058.43
3711129.48	313.55092	(18021904)		
438083.43	3711129.48	302.15898	(19020522)	438108.43
3711129.48	291.94998	(19020522)		
438133.43	3711129.48	286.97856	(18011920)	438158.43
3711129.48	286.27988	(17122019)		
437633.43	3711154.48	528.60864	(17010218)	437658.43
3711154.48	523.70229	(19122917)		
437683.43	3711154.48	510.53399	(19122917)	437708.43
3711154.48	486.97729	(19122917)		
437733.43	3711154.48	462.83786	(17021119)	437758.43
3711154.48	451.83261	(17021119)		
437783.43	3711154.48	448.84068	(18122117)	437808.43
3711154.48	452.08985	(18122117)		
437833.43	3711154.48	443.88984	(18122117)	437858.43
3711154.48	406.79232	(17021107)		
437883.43	3711154.48	386.51834	(18021904)	437908.43
3711154.48	364.56800	(18021904)		
437933.43	3711154.48	346.51626	(18021904)	437958.43
3711154.48	338.94419	(18021904)		
437983.43	3711154.48	334.62617	(18021904)	438008.43
3711154.48	329.49089	(18021904)		
438033.43	3711154.48	320.42704	(18021904)	438058.43
3711154.48	311.55319	(18021904)		
438083.43	3711154.48	302.06273	(18021904)	438108.43
3711154.48	294.53632	(18021904)		
438133.43	3711154.48	291.83177	(19020522)	437633.43
3711179.48	509.90646	(18020618)		
437658.43	3711179.48	507.05866	(17010218)	437683.43
3711179.48	499.62211	(19122917)		
437708.43	3711179.48	489.67230	(19122917)	437733.43
3711179.48	465.14496	(19122917)		
437758.43	3711179.48	439.52437	(17012118)	437783.43
3711179.48	432.69434	(17021119)		
437808.43	3711179.48	429.32186	(18122117)	437833.43
3711179.48	433.73531	(18122117)		
437858.43	3711179.48	427.39884	(18122117)	437883.43
3711179.48	396.07903	(17021107)		
437908.43	3711179.48	355.69408	(18021904)	437933.43
3711179.48	332.57927	(18021904)		
437958.43	3711179.48	325.99759	(18021904)	437983.43
3711179.48	324.20476	(18021904)		
438008.43	3711179.48	320.20290	(18021904)	438033.43
3711179.48	313.23103	(18021904)		
438058.43	3711179.48	307.41076	(18021904)	438083.43
3711179.48	304.92258	(18021904)		

437633.43	3711204.48	496.76645	(18021605)	437658.43
3711204.48	483.15437	(17010218)		
437683.43	3711204.48	483.23559	(17010218)	437708.43
3711204.48	476.47737	(19122917)		
437733.43	3711204.48	464.99793	(19122917)	437758.43
3711204.48	441.01338	(19122917)		
437783.43	3711204.48	419.56891	(17012118)	437808.43
3711204.48	413.50572	(17021119)		
437833.43	3711204.48	408.69010	(18122117)	437858.43
3711204.48	414.99559	(18122117)		
437883.43	3711204.48	409.23644	(18122117)	437958.43
3711204.48	308.44074	(18021904)		
437983.43	3711204.48	307.01221	(18021904)	438008.43
3711204.48	305.23144	(18021904)		
438033.43	3711204.48	303.74440	(18021904)	438058.43
3711204.48	304.47367	(18021904)		
437633.43	3711229.48	498.08080	(18021605)	437658.43
3711229.48	479.92775	(18021605)		
437683.43	3711229.48	462.37148	(17010218)	437708.43
3711229.48	459.55584	(17010218)		
437733.43	3711229.48	453.78101	(19122917)	437758.43
3711229.48	439.50587	(19122917)		
437783.43	3711229.48	420.85089	(19122917)	437808.43
3711229.48	402.00985	(19122917)		
437833.43	3711229.48	395.30340	(17021119)	437858.43
3711229.48	392.06867	(17021119)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
- - - - -				
437883.43	3711229.48	402.66411	(18122117)	437958.43
3711229.48	286.63551	(18021904)		

437983.43	3711229.48	287.54394	(18021904)	438008.43
3711229.48	290.12286	(18021904)		
437633.43	3711254.48	492.97747	(18021605)	437658.43
3711254.48	477.11409	(18021605)		
437683.43	3711254.48	454.79807	(21123118)	437708.43
3711254.48	438.00505	(21123118)		
437733.43	3711254.48	435.59577	(17010218)	437758.43
3711254.48	428.88823	(19122917)		
437783.43	3711254.48	416.26797	(19122917)	437808.43
3711254.48	403.93026	(19122917)		
437833.43	3711254.48	387.36736	(19122917)	437858.43
3711254.48	380.92789	(17021119)		
437958.43	3711254.48	278.92601	(18122117)	437983.43
3711254.48	268.57269	(18021904)		
437633.43	3711279.48	475.41696	(18021605)	437658.43
3711279.48	465.78468	(18021605)		
437683.43	3711279.48	445.39626	(18021605)	437708.43
3711279.48	428.41768	(21123118)		
437733.43	3711279.48	412.96553	(21123118)	437758.43
3711279.48	407.04904	(19122917)		
437783.43	3711279.48	404.57241	(19122917)	437808.43
3711279.48	398.73406	(19122917)		
437833.43	3711279.48	388.17333	(19122917)	437858.43
3711279.48	374.45849	(19122917)		
437633.43	3711304.48	461.20120	(21021319)	437658.43
3711304.48	449.07397	(18021605)		
437683.43	3711304.48	437.73952	(18021605)	437708.43
3711304.48	419.39966	(18021605)		
437733.43	3711304.48	408.18030	(21123118)	437758.43
3711304.48	392.25623	(21123118)		
437783.43	3711304.48	386.61372	(19122917)	437808.43
3711304.48	387.18651	(19122917)		
437833.43	3711304.48	382.88594	(19122917)	437858.43
3711304.48	373.96057	(19122917)		
437633.43	3711329.48	451.75950	(21021319)	437658.43
3711329.48	432.00401	(21021319)		
437683.43	3711329.48	425.61168	(18021605)	437708.43
3711329.48	415.52948	(18021605)		
437733.43	3711329.48	399.40062	(21123118)	437758.43
3711329.48	389.75190	(21123118)		
437783.43	3711329.48	375.04108	(21123118)	437808.43
3711329.48	370.80737	(19022819)		
437833.43	3711329.48	371.96297	(19122917)	437733.43
3711354.48	396.57781	(18021605)		
437758.43	3711354.48	382.56070	(21123118)	437783.43
3711354.48	374.09911	(21123118)		
437808.43	3711354.48	360.15097	(21123118)	437833.43
3711354.48	357.28068	(19022819)		
437758.43	3711379.48	379.41864	(18021605)	437783.43
3711379.48	368.78610	(21123118)		

437808.43	3711379.48	360.97226	(21123118)	437783.43
3711404.48	366.53536	(18021605)		
437352.80	3710298.32	622.82976	(21020318)	437364.80
3710261.08	522.38827	(21020318)		
437370.47	3710234.58	470.56059	(21020318)	437383.73
3710196.71	408.29611	(21020318)		
437398.24	3710177.15	384.21090	(21020318)	437407.08
3710152.54	355.88363	(21020318)		
437413.39	3710127.30	327.12447	(21020318)	437414.65
3710097.64	284.70873	(21020318)		
437446.20	3710120.99	297.52767	(21020318)	437475.86
3710096.38	249.66496	(21020318)		
437442.42	3710073.66	257.56209	(21020318)	437427.27
3710057.25	254.19614	(21020318)		
437568.00	3710023.80	187.24975	(21020318)	436945.50
3712239.57	259.56765	(20050503)		
436912.81	3712076.12	291.92174	(20092722)	436855.61
3712046.16	305.01449	(21121219)		
436792.95	3711953.54	318.96302	(20120702)	436803.85
3711841.85	355.02013	(20120702)		
436727.57	3711741.05	376.34343	(19071305)	436683.98
3711680.65	400.23120	(17100222)		
436659.80	3711610.97	418.36228	(20101803)	436689.67
3711518.54	462.59804	(19082401)		
436692.51	3711396.24	517.32683	(20053122)	436671.18
3711309.50	562.09600	(20012624)		
436634.21	3711224.18	587.50916	(20082304)	436615.72
3711201.42	603.86914	(18070905)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

436551.73	3711198.58	575.91450	(21090424)	436540.35
3711180.09	575.97085	(21090424)		
436506.22	3711060.64	616.08371	(20091302)	436476.36
3711057.80	605.68668	(20050502)		
436439.92	3710984.24	563.15865	(21090404)	436348.21
3710946.05	398.13323	(21012901)		
436363.06	3710878.80	424.36062	(18011318)	436362.19
3710841.25	427.50681	(21012201)		
436445.15	3710823.78	476.53392	(21012201)	436466.11
3710828.15	494.59206	(18011318)		
436510.65	3710830.77	523.82698	(18011318)	436541.22
3710823.78	546.34387	(18011318)		
436555.19	3710789.72	563.85282	(21012201)	436555.19
3710739.07	575.20695	(20120219)		
436576.15	3710701.51	601.19327	(17121219)	436576.15
3710683.17	603.78928	(21022320)		
436581.39	3710640.38	759.58539	(20020723)	436563.93
3710581.86	845.05378	(21120204)		
436552.57	3710556.54	810.20830	(21123108)	436528.99
3710557.41	781.00109	(21123108)		
436509.78	3710508.50	732.44512	(20040703)	436505.41
3710470.95	730.84403	(20030806)		
436509.78	3710423.79	707.82182	(21070705)	436506.29
3710384.49	688.32433	(18112723)		
436566.55	3710354.80	757.21047	(21122423)	436597.11
3710359.16	807.82356	(21122423)		
436563.93	3710299.77	636.91062	(21122423)	436550.83
3710258.73	518.80751	(17011607)		
436507.79	3710262.91	558.50239	(21122423)	436485.08
3710219.37	462.80674	(19120805)		
436467.41	3710237.04	513.04704	(21122423)	436439.65
3710332.95	606.94378	(19062806)		
436361.24	3710342.88	561.26048	(20101104)	436296.40
3710356.78	518.54069	(21070705)		
436245.46	3710491.09	523.83182	(21110503)	436208.40
3710551.30	510.24647	(21120204)		
436196.82	3710648.57	416.55364	(20020723)	436201.46
3710771.30	355.23406	(18120923)		
436233.88	3710903.30	364.29113	(18011318)	436261.67
3711079.30	435.07815	(21090404)		
436384.40	3711120.98	525.96360	(20050502)	436446.93
3711171.93	532.12028	(21021007)		
436490.93	3711352.56	477.70584	(18070905)	436490.93
3711542.46	413.82258	(20012624)		
436521.03	3711690.67	364.62050	(20053122)	436578.93
3711827.30	336.42925	(20101803)		
436602.09	3711878.24	326.43676	(17100222)	436648.40
3711959.30	303.57122	(19071305)		
436743.35	3712123.72	278.42320	(20120702)	436840.61
3712200.14	267.82095	(21121219)		

436893.87	3712225.61	255.84068	(21113022)	437700.99
3710157.48	221.97708	(17012020)		
437769.60	3710267.92	298.59758	(19012103)	437888.40
3710425.21	275.99610	(18012018)		
437945.29	3710542.34	281.17679	(18122507)	438018.92
3710764.89	322.45112	(17012018)		
438079.16	3710873.66	322.89622	(20020818)	438154.46
3710925.53	295.40250	(18021902)		
438259.88	3711047.68	277.36087	(19021521)	438181.23
3711084.49	285.07965	(18021903)		
438171.19	3711129.67	286.39439	(17122019)	437963.70
3711275.25	280.48386	(18122117)		
437920.19	3711156.45	355.98872	(18021904)	437839.88
3711363.94	353.04358	(19022819)		
437779.64	3711412.46	367.55193	(18021605)	437722.74
3711350.55	402.87007	(18021605)		
437622.35	3711352.22	441.62932	(21021319)	437622.35
3711174.85	521.48790	(18020618)		
437617.33	3711076.13	578.81289	(19122917)	437553.74
3710970.71	731.87826	(18122117)		
437444.96	3710875.33	1011.13557	(18122117)	437438.65
3710817.89	1253.42012	(18021904)		
437437.25	3710697.99	1224.83849	(21010117)	437451.63
3710653.41	1208.35751	(19021618)		
437468.04	3710613.02	1227.18246	(18122503)	437509.70
3710613.65	1142.99886	(18122503)		
437466.15	3710493.73	890.59444	(17012019)	437469.31
3710434.41	747.65111	(19012103)		
437489.50	3710397.80	629.27325	(17012020)	437500.23
3710374.45	572.28974	(17012020)		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

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- - - - -
      437538.10   3710344.79   477.46861   (17012020)           437561.45
3710310.70      417.01666   (17012020)
      437579.76   3710263.37   354.67887   (17012020)           437637.82
3710216.03      287.22660   (17012020)
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BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
                                INCLUDING SOURCE(S): STCK1 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS

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***
                                ** CONC OF CO          IN MICROGRAMS/M**3
                                **
                                **
      X-COORD (M)  Y-COORD (M)      CONC      (YYMMDDHH)      X-COORD (M)
Y-COORD (M)      CONC      (YYMMDDHH)
- - - - -
- - - - -
      436490.03   3710238.34   361.79362   (17010808)           436465.03
3710263.34      328.92461   (17101608)
      436490.03   3710263.34   352.55281   (17010808)           436515.03
3710263.34      376.21325   (17010808)
      436540.03   3710263.34   395.39789   (17010808)           436465.03
3710288.34      318.36254   (17101608)
      436490.03   3710288.34   339.52468   (17101608)           436515.03
3710288.34      360.72961   (17010808)
      436540.03   3710288.34   389.42641   (17010808)           436465.03
3710313.34      304.30473   (18122008)
      436490.03   3710313.34   325.64679   (18122008)           436515.03
3710313.34      347.32810   (17101608)
      436540.03   3710313.34   370.53142   (17101608)           436565.03
3710313.34      400.72378   (17010808)
      436415.03   3710338.34   256.07696   (19012408)           436440.03
3710338.34      265.76685   (19121908)
      436465.03   3710338.34   281.14291   (18122008)           436490.03
3710338.34      305.93419   (18122008)
      436515.03   3710338.34   331.36333   (18122008)           436540.03
3710338.34      356.18460   (18122008)
      436565.03   3710338.34   380.64263   (17101608)           436315.03
3710363.34      228.58862   (20122608)

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436340.03	3710363.34	233.75153	(20122608)	436365.03
3710363.34	239.99848	(19012408)		
436390.03	3710363.34	251.40319	(19012408)	436415.03
3710363.34	261.98553	(19012408)		
436440.03	3710363.34	271.41013	(19012408)	436465.03
3710363.34	279.38926	(19012408)		
436490.03	3710363.34	288.42928	(19121908)	436515.03
3710363.34	305.14747	(18122008)		
436540.03	3710363.34	333.74705	(18122008)	436290.03
3710388.34	227.15845	(20020608)		
436315.03	3710388.34	233.61208	(20122608)	436340.03
3710388.34	241.40548	(20122608)		
436365.03	3710388.34	248.83485	(20122608)	436390.03
3710388.34	255.75579	(20122608)		
436415.03	3710388.34	262.02050	(20122608)	436440.03
3710388.34	269.82900	(19012408)		
436465.03	3710388.34	283.12869	(19012408)	436490.03
3710388.34	295.28477	(19012408)		
436290.03	3710413.34	240.54816	(20020608)	436315.03
3710413.34	246.23937	(20020608)		
436340.03	3710413.34	251.52352	(20020608)	436365.03
3710413.34	256.29341	(20020608)		
436390.03	3710413.34	261.05487	(20122608)	436415.03
3710413.34	270.73049	(20122608)		
436440.03	3710413.34	279.96955	(20122608)	436465.03
3710413.34	288.62075	(20122608)		
436490.03	3710413.34	296.35447	(20122608)	436290.03
3710438.34	245.76422	(20020608)		
436315.03	3710438.34	254.02330	(20020608)	436340.03
3710438.34	262.16689	(20020608)		
436365.03	3710438.34	270.10210	(20020608)	436390.03
3710438.34	277.72893	(20020608)		
436415.03	3710438.34	284.90688	(20020608)	436440.03
3710438.34	291.49223	(20020608)		
436465.03	3710438.34	297.36495	(20020608)	436490.03
3710438.34	306.31149	(20122608)		
436265.03	3710463.34	231.63273	(20020608)	436290.03
3710463.34	241.62216	(20020608)		
436315.03	3710463.34	251.88580	(20020608)	436340.03
3710463.34	262.36703	(20020608)		
436365.03	3710463.34	273.00704	(20020608)	436390.03
3710463.34	283.74345	(20020608)		
436415.03	3710463.34	294.46116	(20020608)	436440.03
3710463.34	305.04021	(20020608)		
436465.03	3710463.34	315.36713	(20020608)	436490.03
3710463.34	325.24716	(20020608)		
436265.03	3710488.34	223.83422	(19121008)	436290.03
3710488.34	231.84940	(19121008)		
436315.03	3710488.34	240.10497	(19121008)	436340.03
3710488.34	251.39305	(20020608)		

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436365.03 3710488.34 263.81541 (20020608) 436390.03
3710488.34 276.73952 (20020608)
436415.03 3710488.34 290.09645 (20020608) 436440.03
3710488.34 303.82533 (20020608)
436465.03 3710488.34 317.86517 (20020608) 436490.03
3710488.34 332.09288 (20020608)
436240.03 3710513.34 214.63323 (21012708) 436265.03
3710513.34 222.21770 (20010308)
^ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
-	-	-	-	-
-	-	-	-	-
436290.03	3710513.34	230.45800	(20010308)	436315.03
3710513.34	239.06923	(20010308)		
436340.03	3710513.34	248.04886	(20010308)	436365.03
3710513.34	257.40136	(20010308)		
436390.03	3710513.34	267.13028	(20010308)	436415.03
3710513.34	277.19292	(20010308)		
436440.03	3710513.34	288.56823	(19121008)	436465.03
3710513.34	303.17703	(20020608)		
436490.03	3710513.34	320.20846	(20020608)	436240.03
3710538.34	253.55378	(21012708)		
436265.03	3710538.34	258.99849	(21012708)	436290.03
3710538.34	264.58293	(21012708)		
436315.03	3710538.34	270.20642	(21012708)	436340.03
3710538.34	275.91505	(21012708)		
436365.03	3710538.34	281.70156	(21012708)	436390.03
3710538.34	287.55085	(21012708)		
436415.03	3710538.34	293.39357	(21012708)	436440.03
3710538.34	299.19075	(21012708)		
436465.03	3710538.34	306.57572	(20010308)	436490.03
3710538.34	320.13511	(20010308)		

436515.03	3710538.34	334.35844	(20010308)	436215.03
3710563.34	276.52187	(21012708)		
436240.03	3710563.34	284.03985	(21012708)	436265.03
3710563.34	291.77326	(21012708)		
436290.03	3710563.34	299.97346	(21012708)	436315.03
3710563.34	308.44834	(21012708)		
436340.03	3710563.34	317.29271	(21012708)	436365.03
3710563.34	326.52533	(21012708)		
436390.03	3710563.34	336.19322	(21012708)	436415.03
3710563.34	346.20470	(21012708)		
436440.03	3710563.34	356.60164	(21012708)	436465.03
3710563.34	367.42202	(21012708)		
436490.03	3710563.34	378.62824	(21012708)	436515.03
3710563.34	390.22911	(21012708)		
436540.03	3710563.34	402.21295	(21012708)	436215.03
3710588.34	292.32650	(21012708)		
436240.03	3710588.34	301.39896	(21012708)	436265.03
3710588.34	310.95246	(21012708)		
436290.03	3710588.34	321.01802	(21012708)	436315.03
3710588.34	331.53055	(21012708)		
436340.03	3710588.34	342.72148	(21012708)	436365.03
3710588.34	354.57181	(21012708)		
436390.03	3710588.34	367.19954	(21012708)	436415.03
3710588.34	380.47998	(21012708)		
436440.03	3710588.34	394.55738	(21012708)	436465.03
3710588.34	409.52760	(21012708)		
436490.03	3710588.34	425.42359	(21012708)	436515.03
3710588.34	442.33560	(21012708)		
436540.03	3710588.34	460.35632	(21012708)	436565.03
3710588.34	479.56271	(21012708)		
436215.03	3710613.34	293.40359	(21012708)	436240.03
3710613.34	303.06539	(21012708)		
436265.03	3710613.34	313.29179	(21012708)	436290.03
3710613.34	324.12344	(21012708)		
436315.03	3710613.34	335.61403	(21012708)	436340.03
3710613.34	347.82010	(21012708)		
436365.03	3710613.34	360.80140	(21012708)	436390.03
3710613.34	374.62637	(21012708)		
436415.03	3710613.34	389.38381	(21012708)	436440.03
3710613.34	405.16500	(21012708)		
436465.03	3710613.34	422.10350	(21012708)	436490.03
3710613.34	440.27372	(21012708)		
436515.03	3710613.34	459.82600	(21012708)	436540.03
3710613.34	480.92243	(21012708)		
436565.03	3710613.34	503.72742	(21012708)	436215.03
3710638.34	279.71327	(21012708)		
436240.03	3710638.34	288.91779	(21012708)	436265.03
3710638.34	298.66135	(21012708)		
436290.03	3710638.34	308.97606	(21012708)	436315.03
3710638.34	319.92221	(21012708)		

436340.03	3710638.34	331.56121	(21012708)	436365.03
3710638.34	343.94720	(21012708)		
436390.03	3710638.34	357.14920	(21012708)	436415.03
3710638.34	371.23818	(21012708)		
436440.03	3710638.34	386.29803	(21012708)	436465.03
3710638.34	402.47245	(21012708)		
436490.03	3710638.34	419.82332	(21012708)	436515.03
3710638.34	438.51070	(21012708)		
436540.03	3710638.34	458.69287	(21012708)	436565.03
3710638.34	480.51852	(21012708)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

436215.03	3710663.34	253.51470	(21012708)	436240.03
3710663.34	261.36669	(21012708)		
436265.03	3710663.34	269.64376	(21012708)	436290.03
3710663.34	278.36009	(21012708)		
436315.03	3710663.34	287.56321	(21012708)	436340.03
3710663.34	297.30146	(21012708)		
436365.03	3710663.34	307.60439	(21012708)	436390.03
3710663.34	318.52896	(21012708)		
436415.03	3710663.34	330.10250	(21012708)	436440.03
3710663.34	342.37180	(21012708)		
436465.03	3710663.34	355.44958	(21012708)	436490.03
3710663.34	369.28160	(21012708)		
436515.03	3710663.34	384.10310	(21012708)	436540.03
3710663.34	399.91427	(21012708)		
436565.03	3710663.34	416.71846	(21012708)	436215.03
3710688.34	233.83831	(18122708)		
436240.03	3710688.34	241.98358	(18122708)	436265.03
3710688.34	250.55223	(18122708)		

436290.03	3710688.34	259.55527	(18122708)	436315.03
3710688.34	269.03243	(18122708)		
436340.03	3710688.34	279.02706	(18122708)	436365.03
3710688.34	289.56111	(18122708)		
436390.03	3710688.34	300.68737	(18122708)	436415.03
3710688.34	312.41190	(18122708)		
436440.03	3710688.34	324.76663	(18122708)	436465.03
3710688.34	337.83450	(18122708)		
436490.03	3710688.34	351.50632	(18122708)	436515.03
3710688.34	366.05863	(18122708)		
436540.03	3710688.34	381.42361	(18122708)	436565.03
3710688.34	397.87613	(20021208)		
436215.03	3710713.34	235.13575	(18122708)	436240.03
3710713.34	242.40206	(18122708)		
436265.03	3710713.34	249.95467	(18122708)	436290.03
3710713.34	257.78563	(18122708)		
436315.03	3710713.34	265.91271	(18122708)	436340.03
3710713.34	275.49553	(20021208)		
436365.03	3710713.34	285.89031	(20021208)	436390.03
3710713.34	296.84436	(20021208)		
436415.03	3710713.34	308.29283	(20021208)	436440.03
3710713.34	320.21182	(20021208)		
436465.03	3710713.34	332.75154	(20021208)	436490.03
3710713.34	345.75865	(20021208)		
436515.03	3710713.34	359.27645	(20021208)	436540.03
3710713.34	373.29152	(20021208)		
436565.03	3710713.34	387.74283	(20021208)	436215.03
3710738.34	231.25547	(20021208)		
436240.03	3710738.34	238.61371	(20021208)	436265.03
3710738.34	246.25252	(20021208)		
436290.03	3710738.34	254.14151	(20021208)	436315.03
3710738.34	262.30161	(20021208)		
436340.03	3710738.34	270.75396	(20021208)	436365.03
3710738.34	279.46836	(20021208)		
436390.03	3710738.34	288.46992	(20021208)	436415.03
3710738.34	297.77412	(20021208)		
436440.03	3710738.34	307.16332	(20021208)	436465.03
3710738.34	316.71754	(20021208)		
436490.03	3710738.34	326.28430	(20021208)	436515.03
3710738.34	335.85893	(20021208)		
436540.03	3710738.34	345.33181	(20021208)	436215.03
3710763.34	224.72427	(20021208)		
436240.03	3710763.34	230.78170	(20021208)	436265.03
3710763.34	236.95514	(20021208)		
436290.03	3710763.34	243.21954	(20021208)	436315.03
3710763.34	249.55825	(20021208)		
436340.03	3710763.34	255.96124	(20021208)	436365.03
3710763.34	262.39785	(20021208)		
436390.03	3710763.34	268.80876	(20021208)	436415.03
3710763.34	275.13856	(20021208)		

436440.03	3710763.34	281.41674	(20021208)	436465.03
3710763.34	289.34123	(17012208)		
436490.03	3710763.34	311.07512	(17012208)	436515.03
3710763.34	334.34253	(17012208)		
436540.03	3710763.34	359.08259	(17012208)	436215.03
3710788.34	211.81385	(20021208)		
436240.03	3710788.34	216.30420	(20021208)	436265.03
3710788.34	220.75578	(20021208)		
436290.03	3710788.34	225.06194	(20021208)	436315.03
3710788.34	229.29393	(20021208)		
436340.03	3710788.34	233.38366	(20021208)	436365.03
3710788.34	246.17834	(17012208)		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

436390.03	3710788.34	262.60009	(17012208)	436415.03
3710788.34	280.00207	(17012208)		
436440.03	3710788.34	298.46067	(17012208)	436465.03
3710788.34	317.68985	(17012208)		
436490.03	3710788.34	337.57522	(17012208)	436515.03
3710788.34	358.21869	(17012208)		
436540.03	3710788.34	379.30709	(17012208)	436215.03
3710813.34	194.13369	(20021208)		
436240.03	3710813.34	200.54155	(17012208)	436265.03
3710813.34	212.63951	(17012208)		
436290.03	3710813.34	225.39384	(17012208)	436315.03
3710813.34	238.79567	(17012208)		
436340.03	3710813.34	252.82769	(17012208)	436365.03
3710813.34	267.45667	(17012208)		
436390.03	3710813.34	282.61392	(17012208)	436415.03
3710813.34	298.22570	(17012208)		

436440.03	3710813.34	314.31854	(17012208)	436465.03
3710813.34	330.42551	(17012208)		
436490.03	3710813.34	346.48287	(17012208)	436515.03
3710813.34	362.20238	(17012208)		
436540.03	3710813.34	380.14181	(18123108)	436240.03
3710838.34	217.80342	(17012208)		
436265.03	3710838.34	229.26668	(17012208)	436290.03
3710838.34	241.09068	(17012208)		
436315.03	3710838.34	253.22282	(17012208)	436340.03
3710838.34	265.59667	(17012208)		
436365.03	3710838.34	278.12042	(17012208)	436240.03
3710863.34	228.23246	(17012208)		
436265.03	3710863.34	238.20293	(17012208)	436290.03
3710863.34	248.24469	(17012208)		
436315.03	3710863.34	258.21932	(17012208)	436340.03
3710863.34	268.00118	(17012208)		
436240.03	3710888.34	231.06244	(17012208)	436265.03
3710888.34	238.98663	(17012208)		
436290.03	3710888.34	246.68288	(18123108)	436315.03
3710888.34	260.44864	(18123108)		
436340.03	3710888.34	274.33286	(18123108)	436240.03
3710913.34	233.95226	(18123108)		
436265.03	3710913.34	245.63062	(18123108)	436290.03
3710913.34	257.13925	(18123108)		
436315.03	3710913.34	268.41969	(18123108)	436340.03
3710913.34	279.38362	(18123108)		
436240.03	3710938.34	240.38223	(18123108)	436265.03
3710938.34	249.79547	(18123108)		
436290.03	3710938.34	258.76172	(18123108)	436315.03
3710938.34	267.04876	(18123108)		
436340.03	3710938.34	274.52812	(18123108)	436265.03
3710963.34	246.51908	(18123108)		
436290.03	3710963.34	252.45184	(18123108)	436315.03
3710963.34	257.45940	(18123108)		
436340.03	3710963.34	261.31917	(18123108)	436365.03
3710963.34	264.06939	(18123108)		
436265.03	3710988.34	236.84641	(18123108)	436290.03
3710988.34	239.86085	(18123108)		
436315.03	3710988.34	241.75956	(18123108)	436340.03
3710988.34	242.31836	(18123108)		
436365.03	3710988.34	244.63119	(19112024)	436390.03
3710988.34	245.38460	(19112024)		
436415.03	3710988.34	243.51948	(19112024)	436440.03
3710988.34	239.44978	(19112024)		
436265.03	3711013.34	222.45164	(18123108)	436290.03
3711013.34	223.01986	(18123108)		
436315.03	3711013.34	224.96263	(19112024)	436340.03
3711013.34	225.54169	(19112024)		
436365.03	3711013.34	224.30400	(19112024)	436390.03
3711013.34	220.89927	(19112024)		

436415.03	3711013.34	224.63373	(20010908)	436440.03
3711013.34	240.53561	(20010908)		
436265.03	3711038.34	207.83257	(19112024)	436290.03
3711038.34	208.19472	(19112024)		
436315.03	3711038.34	207.04222	(19112024)	436340.03
3711038.34	204.24030	(19112024)		
436365.03	3711038.34	204.85430	(20010908)	436390.03
3711038.34	219.24542	(20010908)		
436415.03	3711038.34	233.11765	(20010908)	436440.03
3711038.34	247.16844	(21122924)		
436465.03	3711038.34	265.64413	(21122924)	436265.03
3711063.34	192.33494	(19112024)		
436290.03	3711063.34	189.98623	(19112024)	436315.03
3711063.34	190.96118	(18120108)		

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 *** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

436340.03	3711063.34	201.80047	(20010908)	436365.03
3711063.34	213.78872	(20010908)		
436390.03	3711063.34	225.34947	(20010908)	436415.03
3711063.34	238.30384	(21122924)		
436440.03	3711063.34	253.73558	(21122924)	436465.03
3711063.34	266.38214	(21122924)		
436490.03	3711063.34	275.94751	(21122924)	436290.03
3711088.34	186.94523	(20010908)		
436315.03	3711088.34	198.07171	(20010908)	436340.03
3711088.34	208.29297	(20010908)		
436365.03	3711088.34	217.53199	(20010908)	436390.03
3711088.34	228.58528	(21122924)		
436415.03	3711088.34	241.18526	(21122924)	436440.03
3711088.34	251.13330	(21122924)		

436465.03	3711088.34	257.75633	(21122924)	436490.03
3711088.34	261.32093	(21122924)		
436365.03	3711113.34	217.73139	(21122924)	436390.03
3711113.34	228.38317	(21122924)		
436415.03	3711113.34	236.15671	(21122924)	436440.03
3711113.34	240.62887	(21122924)		
436465.03	3711113.34	241.81710	(21122924)	436490.03
3711113.34	240.60410	(19011508)		
436515.03	3711113.34	242.19403	(19011508)	436415.03
3711138.34	224.50445	(21122924)		
436440.03	3711138.34	224.11227	(21122924)	436465.03
3711138.34	227.07820	(19011508)		
436490.03	3711138.34	228.41099	(19011508)	436515.03
3711138.34	233.85788	(19020308)		
436440.03	3711163.34	214.62896	(19011508)	436465.03
3711163.34	214.27859	(19011508)		
436490.03	3711163.34	222.73290	(19020308)	436515.03
3711163.34	226.63996	(19020308)		
436465.03	3711188.34	212.21329	(19020308)	436490.03
3711188.34	215.42219	(19020308)		
436515.03	3711188.34	214.04856	(19020308)	436540.03
3711188.34	207.79113	(19020308)		
436465.03	3711213.34	205.03733	(19020308)	436490.03
3711213.34	203.27947	(19020308)		
436515.03	3711213.34	197.10441	(19020308)	436540.03
3711213.34	195.26987	(19122524)		
436565.03	3711213.34	206.34961	(19122524)	436590.03
3711213.34	215.24411	(19122524)		
436615.03	3711213.34	221.02339	(19122524)	436465.03
3711238.34	193.27032	(19020308)		
436490.03	3711238.34	187.24110	(19020308)	436515.03
3711238.34	183.86993	(19122524)		
436540.03	3711238.34	194.02655	(19122524)	436565.03
3711238.34	202.33002	(19122524)		
436590.03	3711238.34	208.01254	(19122524)	436615.03
3711238.34	210.18860	(19122524)		
436640.03	3711238.34	215.86749	(17042808)	436490.03
3711263.34	175.00481	(20052208)		
436515.03	3711263.34	182.89713	(19122524)	436540.03
3711263.34	190.61316	(19122524)		
436565.03	3711263.34	196.12979	(19122524)	436590.03
3711263.34	198.69128	(19122524)		
436615.03	3711263.34	204.34214	(17042808)	436640.03
3711263.34	208.82160	(17042808)		
436490.03	3711288.34	172.82773	(20052208)	436515.03
3711288.34	179.98304	(19122524)		
436540.03	3711288.34	185.34508	(19122524)	436565.03
3711288.34	188.07902	(19122524)		
436590.03	3711288.34	193.62984	(17042808)	436615.03
3711288.34	198.65767	(17042808)		

436640.03	3711288.34	199.60543	(17042808)	436490.03
3711313.34	169.15068	(19122524)		
436515.03	3711313.34	174.35980	(19122524)	436540.03
3711313.34	177.83073	(19122524)		
436565.03	3711313.34	183.68304	(17042808)	436590.03
3711313.34	189.09983	(17042808)		
436615.03	3711313.34	190.87997	(17042808)	436640.03
3711313.34	188.89852	(17042808)		
436665.03	3711313.34	183.18775	(17042808)	436490.03
3711338.34	164.58265	(19122524)		
436515.03	3711338.34	167.42250	(19122524)	436540.03
3711338.34	174.22496	(17042808)		
436565.03	3711338.34	180.05776	(17042808)	436590.03
3711338.34	182.56103	(17042808)		
436615.03	3711338.34	181.59363	(17042808)	436640.03
3711338.34	177.27342	(17042808)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

436665.03	3711338.34	173.43531	(17042508)	436515.03
3711363.34	165.31652	(17042808)		
436540.03	3711363.34	171.33085	(17042808)	436565.03
3711363.34	174.47984	(17042808)		
436590.03	3711363.34	174.50973	(17042808)	436615.03
3711363.34	171.34691	(17042808)		
436640.03	3711363.34	165.26209	(17042808)	436665.03
3711363.34	171.12291m	(20031324)		
436515.03	3711388.34	163.25188	(17042808)	436540.03
3711388.34	166.83527	(17042808)		
436565.03	3711388.34	167.56068	(17042808)	436590.03
3711388.34	165.42625	(17042808)		

436615.03	3711388.34	160.59490	(17042808)	436640.03
3711388.34	159.11361	(17042508)		
436665.03	3711388.34	179.43815m	(20031324)	436690.03
3711388.34	201.99206m	(20031324)		
436515.03	3711413.34	159.60374	(17042808)	436540.03
3711413.34	161.04609	(17042808)		
436565.03	3711413.34	159.77856	(17042808)	436590.03
3711413.34	155.80651	(17042808)		
436615.03	3711413.34	149.70553	(17042808)	436640.03
3711413.34	162.75752m	(20031324)		
436665.03	3711413.34	185.69440m	(20031324)	436690.03
3711413.34	204.59824m	(20031324)		
436515.03	3711438.34	154.69629	(17042808)	436540.03
3711438.34	154.30460	(17042808)		
436565.03	3711438.34	151.43217	(17042808)	436590.03
3711438.34	146.00473	(17042808)		
436615.03	3711438.34	147.28902	(19020208)	436640.03
3711438.34	169.90908m	(20031324)		
436665.03	3711438.34	189.87509m	(20031324)	436690.03
3711438.34	205.03756m	(20031324)		
436515.03	3711463.34	148.87235	(17042808)	436540.03
3711463.34	146.85382	(17042808)		
436565.03	3711463.34	142.66143	(17042808)	436590.03
3711463.34	137.88489	(17042508)		
436615.03	3711463.34	154.89823m	(20031324)	436640.03
3711463.34	175.23219m	(20031324)		
436665.03	3711463.34	192.00614m	(20031324)	436690.03
3711463.34	203.40413m	(20031324)		
436515.03	3711488.34	142.28464	(17042808)	436540.03
3711488.34	138.91167	(17042808)		
436565.03	3711488.34	133.72136	(17042808)	436590.03
3711488.34	140.59410m	(20031324)		
436615.03	3711488.34	160.69552m	(20031324)	436640.03
3711488.34	178.49506m	(20031324)		
436665.03	3711488.34	192.05826m	(20031324)	436690.03
3711488.34	200.08363m	(20031324)		
436515.03	3711513.34	134.97241	(17042808)	436540.03
3711513.34	130.68124	(17042808)		
436565.03	3711513.34	128.45585	(19020208)	436590.03
3711513.34	147.06095m	(20031324)		
436615.03	3711513.34	165.05861m	(20031324)	436640.03
3711513.34	180.16412m	(20031324)		
436665.03	3711513.34	190.62819m	(20031324)	436515.03
3711538.34	127.26960	(17042808)		
436540.03	3711538.34	122.33914	(17042808)	436565.03
3711538.34	134.52285m	(20031324)		
436590.03	3711538.34	152.17941m	(20031324)	436615.03
3711538.34	167.88888m	(20031324)		
436640.03	3711538.34	180.24852m	(20031324)	436665.03
3711538.34	187.66856m	(20031324)		

436515.03	3711563.34	119.85136	(17042808)	436540.03
3711563.34	122.65575m	(20031324)		
436565.03	3711563.34	140.16937m	(20031324)	436590.03
3711563.34	155.94588m	(20031324)		
436615.03	3711563.34	169.23538m	(20031324)	436640.03
3711563.34	178.82563m	(20031324)		
436665.03	3711563.34	183.37587m	(20031324)	436515.03
3711588.34	113.80640	(19020208)		
436540.03	3711588.34	128.63801m	(20031324)	436565.03
3711588.34	144.63222m	(20031324)		
436590.03	3711588.34	158.37040m	(20031324)	436615.03
3711588.34	169.17937m	(20031324)		
436640.03	3711588.34	176.05660m	(20031324)	436665.03
3711588.34	177.97389m	(20031324)		
436515.03	3711613.34	117.81000m	(20031324)	436540.03
3711613.34	133.60494m	(20031324)		
436565.03	3711613.34	147.90070m	(20031324)	436590.03
3711613.34	159.50723m	(20031324)		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436615.03	3711613.34	167.88679m	(20031324)	436640.03
3711613.34	172.19225m	(20031324)		
436515.03	3711638.34	123.10170m	(20031324)	436540.03
3711638.34	137.50467m	(20031324)		
436565.03	3711638.34	149.97126m	(20031324)	436590.03
3711638.34	159.60736m	(20031324)		
436615.03	3711638.34	165.49993m	(20031324)	436640.03
3711638.34	167.44647m	(20031324)		
436665.03	3711638.34	164.87333m	(20031324)	436540.03
3711663.34	140.31513m	(20031324)		

436565.03	3711663.34	150.90346m (20031324)	436590.03
3711663.34	158.45216m (20031324)		
436615.03	3711663.34	162.17556m (20031324)	436640.03
3711663.34	162.02038m (20031324)		
436665.03	3711663.34	157.64939m (20031324)	436540.03
3711688.34	142.08863m (20031324)		
436565.03	3711688.34	150.79963m (20031324)	436590.03
3711688.34	156.33647m (20031324)		
436615.03	3711688.34	158.22301m (20031324)	436640.03
3711688.34	156.07757m (20031324)		
436665.03	3711688.34	150.21266m (20031324)	436540.03
3711713.34	142.82396m (20031324)		
436565.03	3711713.34	149.62208m (20031324)	436590.03
3711713.34	153.30909m (20031324)		
436615.03	3711713.34	153.45319m (20031324)	436640.03
3711713.34	149.89625m (20031324)		
436665.03	3711713.34	142.66450m (20031324)	436690.03
3711713.34	134.16968 (20020824)		
436565.03	3711738.34	147.27652m (20031324)	436590.03
3711738.34	149.28829m (20031324)		
436615.03	3711738.34	147.98243m (20031324)	436640.03
3711738.34	143.04469m (20031324)		
436665.03	3711738.34	135.16434m (20031324)	436690.03
3711738.34	132.60673 (21102924)		
436715.03	3711738.34	138.07835 (21102924)	436565.03
3711763.34	144.59465m (20031324)		
436590.03	3711763.34	145.00718m (20031324)	436615.03
3711763.34	142.24729m (20031324)		
436640.03	3711763.34	136.43835m (20031324)	436665.03
3711763.34	128.06627m (20031324)		
436690.03	3711763.34	131.73565 (21102924)	436715.03
3711763.34	136.21446 (21102924)		
436740.03	3711763.34	139.30152 (21102924)	436565.03
3711788.34	141.59507m (20031324)		
436590.03	3711788.34	140.64895m (20031324)	436615.03
3711788.34	136.76925m (20031324)		
436640.03	3711788.34	130.18845m (20031324)	436665.03
3711788.34	125.51396 (21102924)		
436690.03	3711788.34	130.45291 (21102924)	436715.03
3711788.34	134.11516 (21102924)		
436740.03	3711788.34	136.53735 (21102924)	436590.03
3711813.34	135.91131m (20031324)		
436615.03	3711813.34	131.07907m (20031324)	436640.03
3711813.34	123.81604m (20031324)		
436665.03	3711813.34	124.34040 (21102924)	436690.03
3711813.34	128.55893 (21102924)		
436715.03	3711813.34	131.71884 (21102924)	436740.03
3711813.34	133.70362 (21102924)		
436765.03	3711813.34	134.19749 (21102924)	436590.03
3711838.34	130.96232m (20031324)		

436615.03	3711838.34	125.18641m	(20031324)	436640.03
3711838.34	118.15930	(21102924)		
436665.03	3711838.34	122.70218	(21102924)	436690.03
3711838.34	126.37498	(21102924)		
436715.03	3711838.34	129.20349	(21102924)	436740.03
3711838.34	130.84445	(21102924)		
436765.03	3711838.34	130.81034	(21102924)	436790.03
3711838.34	128.96358	(21102924)		
436615.03	3711863.34	119.60267m	(20031324)	436640.03
3711863.34	117.86802	(21102924)		
436665.03	3711863.34	122.00705	(21102924)	436690.03
3711863.34	124.92344	(21102924)		
436715.03	3711863.34	126.87296	(21102924)	436740.03
3711863.34	127.77683	(21102924)		
436765.03	3711863.34	127.29324	(21102924)	436790.03
3711863.34	125.23747	(21102924)		
436615.03	3711888.34	114.53317m	(20031324)	436640.03
3711888.34	117.48408	(21102924)		
436665.03	3711888.34	120.99887	(21102924)	436690.03
3711888.34	123.35591	(21102924)		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** *** DISCRETE CARTESIAN RECEPTOR POINTS

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

436715.03	3711888.34	124.67122	(21102924)		436740.03
3711888.34	124.93771	(21102924)			
436765.03	3711888.34	123.93607	(21102924)		436790.03
3711888.34	121.59192	(21102924)			
436640.03	3711913.34	116.59431	(21102924)		436665.03
3711913.34	119.41217	(21102924)			
436690.03	3711913.34	121.32118	(21102924)		436715.03
3711913.34	122.20068	(21102924)			

436740.03	3711913.34	122.01091	(21102924)	436765.03
3711913.34	120.62391	(21102924)		
436790.03	3711913.34	118.01173	(21102924)	436640.03
3711938.34	115.41935	(21102924)		
436665.03	3711938.34	117.61232	(21102924)	436690.03
3711938.34	119.01720	(21102924)		
436715.03	3711938.34	119.49235	(21102924)	436740.03
3711938.34	118.95658	(21102924)		
436765.03	3711938.34	117.32786	(21102924)	436790.03
3711938.34	114.50132	(21102924)		
436665.03	3711963.34	116.15097	(21102924)	436690.03
3711963.34	117.34294	(21102924)		
436715.03	3711963.34	117.27717	(21102924)	436740.03
3711963.34	116.21865	(21102924)		
436765.03	3711963.34	114.25450	(21102924)	436790.03
3711963.34	111.16213	(21102924)		
436690.03	3711988.34	116.12014	(21102924)	436715.03
3711988.34	115.44117	(21102924)		
436740.03	3711988.34	113.67257	(21102924)	436765.03
3711988.34	111.05492	(21102924)		
436790.03	3711988.34	108.78839	(21071208)	436815.03
3711988.34	111.57849	(21071208)		
436690.03	3712013.34	113.64079	(21102924)	436715.03
3712013.34	112.78852	(21102924)		
436740.03	3712013.34	110.78976	(21102924)	436765.03
3712013.34	107.75499	(21102924)		
436790.03	3712013.34	106.95992	(21071208)	436815.03
3712013.34	109.12405	(21071208)		
436715.03	3712038.34	109.83761	(21102924)	436740.03
3712038.34	107.80517	(21102924)		
436765.03	3712038.34	104.57197	(21102924)	436790.03
3712038.34	105.13260	(21071208)		
436815.03	3712038.34	106.76899	(21071208)	436840.03
3712038.34	107.07508	(21071208)		
436715.03	3712063.34	106.92382	(21102924)	436740.03
3712063.34	104.77186	(21102924)		
436765.03	3712063.34	101.53144	(21102924)	436790.03
3712063.34	103.46501	(21071208)		
436815.03	3712063.34	104.57902	(21071208)	436840.03
3712063.34	104.49042	(21071208)		
436865.03	3712063.34	102.87790	(21071208)	436740.03
3712088.34	101.68732	(21102924)		
436765.03	3712088.34	100.07667	(21071208)	436790.03
3712088.34	102.02330	(21071208)		
436815.03	3712088.34	102.65477	(21071208)	436840.03
3712088.34	102.17863	(21071208)		
436865.03	3712088.34	100.44714	(21071208)	436890.03
3712088.34	97.26412	(21071208)		
436915.03	3712088.34	93.04298	(21071208)	436740.03
3712113.34	98.85082	(21102924)		

436765.03	3712113.34	98.67143	(21071208)	436790.03
3712113.34	100.63787	(21071208)		
436815.03	3712113.34	101.17229	(21071208)	436840.03
3712113.34	100.28896	(21071208)		
436865.03	3712113.34	98.14437	(21071208)	436890.03
3712113.34	94.78631	(21071208)		
436915.03	3712113.34	90.40037	(21071208)	436765.03
3712138.34	97.46005	(21071208)		
436790.03	3712138.34	99.03006	(21071208)	436815.03
3712138.34	99.52615	(21071208)		
436840.03	3712138.34	98.59578	(21071208)	436865.03
3712138.34	96.31492	(21071208)		
436890.03	3712138.34	92.82215	(21071208)	436915.03
3712138.34	88.34242	(21071208)		
436815.03	3712163.34	97.73815	(21071208)	436840.03
3712163.34	96.69356	(21071208)		
436865.03	3712163.34	94.35197	(21071208)	436890.03
3712163.34	90.78927	(21071208)		
436915.03	3712163.34	86.21841	(21071208)	436840.03
3712188.34	94.89828	(21071208)		
436865.03	3712188.34	92.30954	(21071208)	436890.03
3712188.34	88.64619	(21071208)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436915.03	3712188.34	84.01333	(21071208)	436890.03
3712213.34	86.86734	(21071208)		
436915.03	3712213.34	82.25005	(19011708)	436940.03
3712213.34	88.90426	(19011708)		
437683.43	3710179.48	138.08758	(17091224)	437708.43
3710179.48	121.13113	(17091224)		

437658.43	3710204.48	151.80681	(17091224)	437683.43
3710204.48	135.87968	(17091224)		
437708.43	3710204.48	127.02525	(17012024)	437633.43
3710229.48	166.82492	(17091224)		
437658.43	3710229.48	150.18617	(17091224)	437683.43
3710229.48	143.68068	(17012024)		
437708.43	3710229.48	139.19611	(17012024)	437733.43
3710229.48	132.86049	(17012024)		
437608.43	3710254.48	182.76665	(17091224)	437633.43
3710254.48	164.28556	(17091224)		
437658.43	3710254.48	158.35107	(17012024)	437683.43
3710254.48	153.70497	(17012024)		
437708.43	3710254.48	148.24689	(17012024)	437733.43
3710254.48	143.28584	(17012024)		
437758.43	3710254.48	138.11674	(17012024)	437583.43
3710279.48	198.13153	(17091224)		
437608.43	3710279.48	178.42872	(17012024)	437633.43
3710279.48	171.55418	(17012024)		
437658.43	3710279.48	165.16634	(17012024)	437683.43
3710279.48	158.82726	(17012024)		
437708.43	3710279.48	152.44830	(17012024)	437733.43
3710279.48	147.79112	(17012024)		
437758.43	3710279.48	143.40878	(17012024)	437583.43
3710304.48	195.75585	(17012024)		
437608.43	3710304.48	185.73482	(17012024)	437633.43
3710304.48	177.59549	(17012024)		
437658.43	3710304.48	169.05085	(17012024)	437683.43
3710304.48	161.19519	(17012024)		
437708.43	3710304.48	154.22014	(17012024)	437733.43
3710304.48	148.71015	(17012024)		
437758.43	3710304.48	144.47131	(19012108)	437783.43
3710304.48	138.60879	(19012108)		
437558.43	3710329.48	218.23489	(17012024)	437583.43
3710329.48	204.13340	(17012024)		
437608.43	3710329.48	191.52105	(17012024)	437633.43
3710329.48	180.46466	(17012024)		
437658.43	3710329.48	169.73570	(17012024)	437683.43
3710329.48	159.85451	(17012024)		
437708.43	3710329.48	154.37064	(19012108)	437733.43
3710329.48	149.14200	(19012108)		
437758.43	3710329.48	143.66461	(19012108)	437783.43
3710329.48	139.55566	(19012108)		
437808.43	3710329.48	137.47306	(19012108)	437533.43
3710354.48	245.23900	(17012024)		
437558.43	3710354.48	228.83079	(17012024)	437583.43
3710354.48	212.99035	(17012024)		
437608.43	3710354.48	195.83590	(17012024)	437633.43
3710354.48	177.78398	(19012108)		
437658.43	3710354.48	162.47232	(19012108)	437683.43
3710354.48	154.37009	(19012108)		

437708.43	3710354.48	147.59427	(19012108)	437733.43
3710354.48	141.07041	(19012108)		
437758.43	3710354.48	134.81174	(19012108)	437783.43
3710354.48	131.10773	(19012108)		
437808.43	3710354.48	139.03864	(19012108)	437833.43
3710354.48	137.35093	(19012108)		
437508.43	3710379.48	281.36321	(17012024)	437533.43
3710379.48	259.58693	(17012024)		
437558.43	3710379.48	241.01752	(17012024)	437583.43
3710379.48	225.07290	(17012024)		
437608.43	3710379.48	205.18997	(19012108)	437633.43
3710379.48	182.09667	(19012108)		
437658.43	3710379.48	169.10774	(19012108)	437683.43
3710379.48	160.90439	(19012108)		
437708.43	3710379.48	153.09027	(19012108)	437733.43
3710379.48	145.66772	(19012108)		
437758.43	3710379.48	138.63061	(19012108)	437783.43
3710379.48	139.95020	(19012108)		
437808.43	3710379.48	144.40085	(20110824)	437833.43
3710379.48	137.57051	(20110824)		
437508.43	3710404.48	297.18432	(17012024)	437533.43
3710404.48	273.21782	(17012024)		
437558.43	3710404.48	254.21348	(21012524)	437583.43
3710404.48	238.30530	(19012108)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437608.43	3710404.48	212.86410	(19012108)	437633.43
3710404.48	185.71882	(19012108)		
437658.43	3710404.48	175.77145	(19012108)	437683.43
3710404.48	170.65045	(19012108)		

437708.43	3710404.48	161.88805	(19012108)	437733.43
3710404.48	150.89099	(19012108)		
437758.43	3710404.48	146.57809	(19012108)	437783.43
3710404.48	148.95409	(20110824)		
437808.43	3710404.48	149.78304	(20110824)	437833.43
3710404.48	142.59607	(20110824)		
437858.43	3710404.48	137.55119	(20110824)	437483.43
3710429.48	348.45104	(21012524)		
437508.43	3710429.48	314.83280	(21012524)	437533.43
3710429.48	289.71109	(19012108)		
437558.43	3710429.48	272.75292	(19012108)	437583.43
3710429.48	254.86004	(20110824)		
437608.43	3710429.48	226.32738	(19012108)	437633.43
3710429.48	202.19518	(19012108)		
437658.43	3710429.48	196.01186	(19012108)	437683.43
3710429.48	190.97123	(20110824)		
437708.43	3710429.48	179.59100	(20110824)	437733.43
3710429.48	165.26318	(20110824)		
437758.43	3710429.48	158.33124	(20110824)	437783.43
3710429.48	159.90518	(20110824)		
437808.43	3710429.48	157.63648	(20110824)	437833.43
3710429.48	150.94469	(20110824)		
437858.43	3710429.48	142.37198	(20110824)	437883.43
3710429.48	137.87072	(20110824)		
437483.43	3710454.48	370.59814	(21012524)	437508.43
3710454.48	338.37166	(20110824)		
437533.43	3710454.48	313.58291	(20110824)	437558.43
3710454.48	294.47108	(20110824)		
437583.43	3710454.48	275.57138	(20110824)	437608.43
3710454.48	250.61772	(20110824)		
437633.43	3710454.48	231.34218	(20110824)	437658.43
3710454.48	224.34868	(20110824)		
437683.43	3710454.48	213.91654	(20110824)	437708.43
3710454.48	197.24142	(20110824)		
437733.43	3710454.48	178.72636	(20110824)	437758.43
3710454.48	167.37084	(20110824)		
437783.43	3710454.48	167.40686	(20110824)	437808.43
3710454.48	163.97086	(20110824)		
437833.43	3710454.48	156.46056	(20110824)	437858.43
3710454.48	146.52293	(20110824)		
437883.43	3710454.48	138.25293	(20110824)	437483.43
3710479.48	404.11527	(20110824)		
437508.43	3710479.48	363.99317	(20110824)	437533.43
3710479.48	334.19641	(20110824)		
437558.43	3710479.48	310.52349	(20110824)	437583.43
3710479.48	290.69877	(20110824)		
437608.43	3710479.48	271.34149	(20110824)	437633.43
3710479.48	253.21660	(20110824)		
437658.43	3710479.48	236.03512	(20110824)	437683.43
3710479.48	218.30180	(20110824)		

437708.43	3710479.48	200.62966	(20110824)	437733.43
3710479.48	184.16538	(20110824)		
437758.43	3710479.48	172.93136	(20110824)	437783.43
3710479.48	170.30361	(20110824)		
437808.43	3710479.48	164.51692	(20110824)	437833.43
3710479.48	155.29820	(20110824)		
437858.43	3710479.48	148.87525	(18122508)	437883.43
3710479.48	143.77554	(18122508)		
437908.43	3710479.48	139.66754	(18122508)	437483.43
3710504.48	447.55238	(20110824)		
437508.43	3710504.48	389.40619	(20110824)	437533.43
3710504.48	356.41379	(20110824)		
437558.43	3710504.48	327.93393	(20110824)	437583.43
3710504.48	300.65757	(20110824)		
437608.43	3710504.48	276.18840	(20110824)	437633.43
3710504.48	255.33649	(20110824)		
437658.43	3710504.48	235.91733	(20110824)	437683.43
3710504.48	218.19030	(20110824)		
437708.43	3710504.48	203.30513	(18122508)	437733.43
3710504.48	192.87876	(18122508)		
437758.43	3710504.48	184.69933	(18122508)	437783.43
3710504.48	178.69574	(18122508)		
437808.43	3710504.48	175.29871	(18122508)	437833.43
3710504.48	170.51420	(18122508)		
437858.43	3710504.48	164.56572	(18122508)	437883.43
3710504.48	157.26473	(18122508)		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

437908.43	3710504.48	148.77688	(18122508)	437483.43
3710529.48	513.34198	(20110824)		

437508.43	3710529.48	468.62226	(20110824)	437533.43
3710529.48	413.56956	(20110824)		
437558.43	3710529.48	353.70635	(20110824)	437583.43
3710529.48	312.88444	(20110824)		
437608.43	3710529.48	287.44933	(18122508)	437633.43
3710529.48	269.28130	(18122508)		
437658.43	3710529.48	252.39704	(18122508)	437683.43
3710529.48	237.95218	(18122508)		
437708.43	3710529.48	224.40280	(18122508)	437733.43
3710529.48	211.81267	(18122508)		
437758.43	3710529.48	200.78853	(18122508)	437783.43
3710529.48	194.12232	(18122508)		
437808.43	3710529.48	189.69156	(18122508)	437833.43
3710529.48	183.37395	(18122508)		
437858.43	3710529.48	174.60146	(18122508)	437883.43
3710529.48	166.26922	(18122508)		
437908.43	3710529.48	158.59045	(18122508)	437933.43
3710529.48	154.64962	(18122508)		
437508.43	3710554.48	510.60022	(20110824)	437533.43
3710554.48	471.18358	(18122508)		
437558.43	3710554.48	426.46929	(18122508)	437583.43
3710554.48	383.06182	(18122508)		
437608.43	3710554.48	341.45092	(18122508)	437633.43
3710554.48	309.92424	(18122508)		
437658.43	3710554.48	285.13747	(18122508)	437683.43
3710554.48	261.82259	(18122508)		
437708.43	3710554.48	243.70916	(18122508)	437733.43
3710554.48	229.35029	(18122508)		
437758.43	3710554.48	216.66270	(18122508)	437783.43
3710554.48	208.85569	(18122508)		
437808.43	3710554.48	202.02886	(18122508)	437833.43
3710554.48	194.30563	(18122508)		
437858.43	3710554.48	185.58380	(18122508)	437883.43
3710554.48	177.34285	(18122508)		
437908.43	3710554.48	169.27757	(18122508)	437933.43
3710554.48	161.11417	(18122508)		
437508.43	3710579.48	564.54723	(18122508)	437533.43
3710579.48	539.07560	(18122508)		
437558.43	3710579.48	507.21662	(18122508)	437583.43
3710579.48	465.07249	(18122508)		
437608.43	3710579.48	415.59617	(18122508)	437633.43
3710579.48	378.39351	(18122508)		
437658.43	3710579.48	344.31332	(18122508)	437683.43
3710579.48	298.83380	(18122508)		
437708.43	3710579.48	262.51078	(18122508)	437733.43
3710579.48	246.17009	(18122508)		
437758.43	3710579.48	233.92914	(18122508)	437783.43
3710579.48	224.22156	(18122508)		
437808.43	3710579.48	213.65180	(18122508)	437833.43
3710579.48	204.36016	(18122508)		

437858.43	3710579.48	196.47884	(18122508)	437883.43
3710579.48	186.67676	(18122508)		
437908.43	3710579.48	177.30079	(18122508)	437933.43
3710579.48	167.23312	(18122508)		
437508.43	3710604.48	604.87912	(18122508)	437533.43
3710604.48	574.60921	(18122508)		
437558.43	3710604.48	544.01704	(18122508)	437583.43
3710604.48	515.55057	(18122508)		
437608.43	3710604.48	479.46793	(18122508)	437633.43
3710604.48	447.69239	(18122508)		
437658.43	3710604.48	411.18267	(18122508)	437683.43
3710604.48	349.73596	(18122508)		
437708.43	3710604.48	283.94395	(18122508)	437733.43
3710604.48	262.25369	(18122508)		
437758.43	3710604.48	251.10025	(18122508)	437783.43
3710604.48	239.84637	(18122508)		
437808.43	3710604.48	225.96459	(18122508)	437833.43
3710604.48	213.32131	(18122508)		
437858.43	3710604.48	203.98721	(18122508)	437883.43
3710604.48	191.40691	(18122508)		
437908.43	3710604.48	181.49890	(18122508)	437933.43
3710604.48	174.05335	(18122508)		
437958.43	3710604.48	168.39828	(18122508)	437483.43
3710629.48	634.78771	(18122508)		
437508.43	3710629.48	615.93131	(18122508)	437533.43
3710629.48	590.53670	(18122508)		
437558.43	3710629.48	559.38130	(18122508)	437583.43
3710629.48	528.51302	(18122508)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

- - - - -
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437608.43	3710629.48	498.62347	(18122508)	437633.43
3710629.48	469.55032	(18122508)		
437658.43	3710629.48	434.91819	(18122508)	437683.43
3710629.48	378.74468	(18122508)		
437708.43	3710629.48	307.69344	(18122508)	437733.43
3710629.48	273.01078	(18122508)		
437758.43	3710629.48	260.55514	(18122508)	437783.43
3710629.48	248.04849	(18122508)		
437808.43	3710629.48	232.74867	(18122508)	437833.43
3710629.48	215.87898	(18122508)		
437858.43	3710629.48	205.35083	(18122508)	437883.43
3710629.48	196.05265	(18122508)		
437908.43	3710629.48	189.18440	(18122508)	437933.43
3710629.48	183.25078	(18122508)		
437958.43	3710629.48	174.47192	(18122508)	437458.43
3710654.48	609.71624	(18122508)		
437483.43	3710654.48	594.94257	(18122508)	437508.43
3710654.48	586.19037	(18122508)		
437533.43	3710654.48	570.90569	(18122508)	437558.43
3710654.48	545.24608	(18122508)		
437583.43	3710654.48	516.03444	(18122508)	437608.43
3710654.48	488.45009	(18122508)		
437633.43	3710654.48	462.35449	(18122508)	437658.43
3710654.48	434.23200	(18122508)		
437683.43	3710654.48	387.46421	(18122508)	437708.43
3710654.48	316.69262	(18122508)		
437733.43	3710654.48	277.27061	(18122508)	437758.43
3710654.48	261.25767	(18122508)		
437783.43	3710654.48	246.90558	(18122508)	437808.43
3710654.48	233.01855	(18122508)		
437833.43	3710654.48	218.64638	(18122508)	437858.43
3710654.48	210.84873	(18122508)		
437883.43	3710654.48	202.42146	(18122508)	437908.43
3710654.48	192.89391	(18122508)		
437933.43	3710654.48	183.68461	(18122508)	437958.43
3710654.48	174.39966	(18122508)		
437458.43	3710679.48	551.72596	(21042524)	437483.43
3710679.48	519.05710	(18122508)		
437508.43	3710679.48	523.54995	(18122508)	437533.43
3710679.48	519.65446	(18122508)		
437558.43	3710679.48	502.08861	(18122508)	437583.43
3710679.48	478.44673	(18122508)		
437608.43	3710679.48	455.73863	(18122508)	437633.43
3710679.48	434.62407	(18122508)		
437658.43	3710679.48	413.35467	(18122508)	437683.43
3710679.48	375.75115	(18122508)		
437708.43	3710679.48	307.81999	(18122508)	437733.43
3710679.48	272.47020	(18122508)		
437758.43	3710679.48	256.36869	(18122508)	437783.43
3710679.48	243.66718	(18122508)		

437808.43	3710679.48	230.78296	(18122508)	437833.43
3710679.48	217.32733	(18122508)		
437858.43	3710679.48	208.52892	(18122508)	437883.43
3710679.48	199.52744	(18122508)		
437908.43	3710679.48	190.24114	(18122508)	437933.43
3710679.48	182.27436	(18122508)		
437958.43	3710679.48	174.52254	(18122508)	437983.43
3710679.48	168.32833	(18122508)		
437458.43	3710704.48	590.48944	(21042524)	437483.43
3710704.48	552.19638	(21042524)		
437508.43	3710704.48	524.78949	(17032224)	437533.43
3710704.48	505.01920	(17032224)		
437558.43	3710704.48	473.79402	(17032224)	437583.43
3710704.48	439.06965	(17032224)		
437608.43	3710704.48	407.24739	(17032224)	437633.43
3710704.48	390.41865	(18122508)		
437658.43	3710704.48	377.04924	(18122508)	437683.43
3710704.48	348.33856	(18122508)		
437708.43	3710704.48	288.63816	(18122508)	437733.43
3710704.48	261.70216	(18122508)		
437758.43	3710704.48	247.26436	(18122508)	437783.43
3710704.48	236.18536	(18122508)		
437808.43	3710704.48	224.39288	(18122508)	437833.43
3710704.48	211.45284	(18122508)		
437858.43	3710704.48	202.28714	(18122508)	437883.43
3710704.48	194.21078	(18122508)		
437908.43	3710704.48	186.47387	(18122508)	437933.43
3710704.48	179.66358	(18122508)		
437958.43	3710704.48	172.10635	(18122508)	437983.43
3710704.48	163.76095	(18122508)		

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

437458.43	3710729.48	601.90173	(21042524)	437483.43
3710729.48	566.28833	(21042524)		
437508.43	3710729.48	551.82299	(17032224)	437533.43
3710729.48	532.25996	(17032224)		
437558.43	3710729.48	500.70987	(17032224)	437583.43
3710729.48	465.47159	(17032224)		
437608.43	3710729.48	432.63117	(17032224)	437633.43
3710729.48	403.48696	(17032224)		
437658.43	3710729.48	379.59182	(17032224)	437683.43
3710729.48	338.81374	(17032224)		
437708.43	3710729.48	278.37907	(17032224)	437733.43
3710729.48	253.20941	(17032224)		
437758.43	3710729.48	236.17293	(17032224)	437783.43
3710729.48	224.95433	(18122508)		
437808.43	3710729.48	214.31429	(18122508)	437833.43
3710729.48	202.11213	(18122508)		
437858.43	3710729.48	194.42302	(18122508)	437883.43
3710729.48	188.01754	(18122508)		
437908.43	3710729.48	181.08698	(18122508)	437933.43
3710729.48	173.87181	(18122508)		
437958.43	3710729.48	166.11977	(18122508)	437983.43
3710729.48	158.18971	(18122508)		
437458.43	3710754.48	595.10263	(17032224)	437483.43
3710754.48	567.69769	(17032224)		
437508.43	3710754.48	555.93339	(17032224)	437533.43
3710754.48	540.15850	(17032224)		
437558.43	3710754.48	513.56112	(17032224)	437583.43
3710754.48	481.81579	(17032224)		
437608.43	3710754.48	450.56007	(17032224)	437633.43
3710754.48	423.00162	(17032224)		
437658.43	3710754.48	396.87759	(17032224)	437683.43
3710754.48	347.01093	(17032224)		
437708.43	3710754.48	290.23288	(17032224)	437733.43
3710754.48	266.70143	(17032224)		
437758.43	3710754.48	250.75623	(17032224)	437783.43
3710754.48	234.88845	(17032224)		
437808.43	3710754.48	218.15280	(17032224)	437833.43
3710754.48	201.29709	(17032224)		
437858.43	3710754.48	191.43497	(17032224)	437883.43
3710754.48	180.95485	(17032224)		
437908.43	3710754.48	170.22382	(18122508)	437933.43
3710754.48	163.10477	(18122508)		
437958.43	3710754.48	157.56874	(18122508)	437983.43
3710754.48	152.34788	(18122508)		
438008.43	3710754.48	147.41811	(18122508)	437458.43
3710779.48	583.47034	(17032224)		
437483.43	3710779.48	543.78285	(17032224)	437508.43
3710779.48	531.98807	(17032224)		

437533.43	3710779.48	525.23654	(17032224)	437558.43
3710779.48	509.14683	(17032224)		
437583.43	3710779.48	484.90272	(17032224)	437608.43
3710779.48	459.35929	(17032224)		
437633.43	3710779.48	435.01247	(17032224)	437658.43
3710779.48	391.68480	(17032224)		
437683.43	3710779.48	337.22961	(17032224)	437708.43
3710779.48	299.98242	(17032224)		
437733.43	3710779.48	278.07789	(17032224)	437758.43
3710779.48	258.64400	(17032224)		
437783.43	3710779.48	240.90236	(17032224)	437808.43
3710779.48	224.59314	(17032224)		
437833.43	3710779.48	209.16168	(17032224)	437858.43
3710779.48	197.49163	(17032224)		
437883.43	3710779.48	186.23361	(17032224)	437908.43
3710779.48	176.91109	(17032224)		
437933.43	3710779.48	168.49627	(17032224)	437958.43
3710779.48	160.33892	(17032224)		
437983.43	3710779.48	151.48202	(17032224)	438008.43
3710779.48	142.38754	(17032224)		
437458.43	3710804.48	588.01209	(19020524)	437483.43
3710804.48	533.12607	(19020524)		
437508.43	3710804.48	495.59737	(19020524)	437533.43
3710804.48	489.25816	(17032224)		
437558.43	3710804.48	486.87486	(17032224)	437583.43
3710804.48	472.92668	(17032224)		
437608.43	3710804.48	455.51899	(17032224)	437633.43
3710804.48	431.94433	(17032224)		
437658.43	3710804.48	376.87823	(17032224)	437683.43
3710804.48	330.25577	(17032224)		
437708.43	3710804.48	303.16552	(17032224)	437733.43
3710804.48	284.85199	(17032224)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

	437758.43	3710804.48	266.68226	(17032224)	437783.43
3710804.48	249.37754	(17032224)			
	437808.43	3710804.48	233.65527	(17032224)	437833.43
3710804.48	217.17705	(17032224)			
	437858.43	3710804.48	203.31796	(17032224)	437883.43
3710804.48	193.53024	(17032224)			
	437908.43	3710804.48	183.83173	(17032224)	437933.43
3710804.48	174.18499	(17032224)			
	437958.43	3710804.48	164.79398	(17032224)	437983.43
3710804.48	156.05549	(17032224)			
	438008.43	3710804.48	148.14551	(17032224)	438033.43
3710804.48	142.12896	(17032224)			
	437458.43	3710829.48	556.78887	(19030724)	437483.43
3710829.48	518.99650	(19020524)			
	437508.43	3710829.48	488.45910	(19020524)	437533.43
3710829.48	471.32999	(19020524)			
	437558.43	3710829.48	454.48477	(19020524)	437583.43
3710829.48	446.74512	(17032224)			
	437608.43	3710829.48	438.45656	(17032224)	437633.43
3710829.48	419.64002	(17032224)			
	437658.43	3710829.48	374.26110	(17032224)	437683.43
3710829.48	331.24097	(17032224)			
	437708.43	3710829.48	302.48892	(17032224)	437733.43
3710829.48	286.19321	(17032224)			
	437758.43	3710829.48	270.91008	(17032224)	437783.43
3710829.48	254.01402	(17032224)			
	437808.43	3710829.48	238.15235	(17032224)	437833.43
3710829.48	222.00864	(17032224)			
	437858.43	3710829.48	207.81291	(17032224)	437883.43
3710829.48	198.57476	(17032224)			
	437908.43	3710829.48	187.61213	(17032224)	437933.43
3710829.48	177.91593	(17032224)			
	437958.43	3710829.48	169.53564	(17032224)	437983.43
3710829.48	162.23688	(17032224)			
	438008.43	3710829.48	155.28104	(17032224)	438033.43
3710829.48	147.21819	(17032224)			
	437458.43	3710854.48	555.42118	(19030724)	437483.43
3710854.48	506.88414	(19030724)			
	437508.43	3710854.48	462.98244	(19020524)	437533.43
3710854.48	454.57083	(19020524)			
	437558.43	3710854.48	446.63672	(19020524)	437583.43
3710854.48	430.38520	(19020524)			
	437608.43	3710854.48	409.49072	(19020524)	437633.43
3710854.48	400.58954	(17032224)			
	437658.43	3710854.48	378.04081	(17032224)	437683.43
3710854.48	337.71410	(17032224)			

437708.43	3710854.48	300.24477	(17032224)	437733.43
3710854.48	282.41321	(17032224)		
437758.43	3710854.48	269.36801	(17032224)	437783.43
3710854.48	253.85759	(17032224)		
437808.43	3710854.48	238.75745	(17032224)	437833.43
3710854.48	224.73794	(17032224)		
437858.43	3710854.48	211.57731	(17032224)	437883.43
3710854.48	200.87155	(17032224)		
437908.43	3710854.48	190.29486	(17032224)	437933.43
3710854.48	182.45112	(17032224)		
437958.43	3710854.48	175.16411	(17032224)	437983.43
3710854.48	168.22736	(17032224)		
438008.43	3710854.48	161.62686	(17032224)	438033.43
3710854.48	153.94343	(17032224)		
438058.43	3710854.48	151.89301	(17032224)	437458.43
3710879.48	528.69147	(19030724)		
437483.43	3710879.48	500.56423	(19030724)	437508.43
3710879.48	466.03957	(19030724)		
437533.43	3710879.48	435.14698	(19030724)	437558.43
3710879.48	422.21389	(19020524)		
437583.43	3710879.48	414.20633	(19020524)	437608.43
3710879.48	401.53854	(19020524)		
437633.43	3710879.48	384.77046	(19020524)	437658.43
3710879.48	362.63024	(17032224)		
437683.43	3710879.48	342.41228	(17032224)	437708.43
3710879.48	297.26145	(17032224)		
437733.43	3710879.48	274.68825	(17032224)	437758.43
3710879.48	262.49695	(17032224)		
437783.43	3710879.48	251.61475	(17032224)	437808.43
3710879.48	239.51874	(17032224)		
437833.43	3710879.48	228.34785	(17032224)	437858.43
3710879.48	215.20502	(17032224)		
437883.43	3710879.48	202.31281	(17032224)	437908.43
3710879.48	195.22232	(17032224)		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
437933.43	3710879.48	189.02744	(17032224)	437958.43
3710879.48	179.90738	(17032224)		
437983.43	3710879.48	170.86024	(17032224)	438008.43
3710879.48	165.41004	(17032224)		
438033.43	3710879.48	161.24892	(17032224)	438058.43
3710879.48	156.05816	(17032224)		
438083.43	3710879.48	151.06838	(17032224)	437483.43
3710904.48	482.44040	(19030724)		
437508.43	3710904.48	457.86313	(19030724)	437533.43
3710904.48	434.80149	(19030724)		
437558.43	3710904.48	413.19840	(19030724)	437583.43
3710904.48	387.65159	(19030724)		
437608.43	3710904.48	380.22541	(19020524)	437633.43
3710904.48	371.44423	(19020524)		
437658.43	3710904.48	359.77727	(19020524)	437683.43
3710904.48	334.76456	(19020524)		
437708.43	3710904.48	296.50309	(19051924)	437733.43
3710904.48	268.75934	(19051924)		
437758.43	3710904.48	255.26282	(17032224)	437783.43
3710904.48	247.38290	(17032224)		
437808.43	3710904.48	236.89557	(17032224)	437833.43
3710904.48	225.36153	(17032224)		
437858.43	3710904.48	212.74644	(17032224)	437883.43
3710904.48	201.67543	(17032224)		
437908.43	3710904.48	195.76039	(17032224)	437933.43
3710904.48	189.05977	(17032224)		
437958.43	3710904.48	180.11556	(17032224)	437983.43
3710904.48	172.91216	(17032224)		
438008.43	3710904.48	170.15430	(17032224)	438033.43
3710904.48	166.27740	(17032224)		
438058.43	3710904.48	160.60489	(17032224)	438083.43
3710904.48	153.90924	(17032224)		
438108.43	3710904.48	148.28169	(17032224)	437508.43
3710929.48	434.78153	(19030724)		
437533.43	3710929.48	418.86571	(19030724)	437558.43
3710929.48	405.03372	(19030724)		
437583.43	3710929.48	387.33095	(19030724)	437608.43
3710929.48	366.01636	(19030724)		
437633.43	3710929.48	347.69107	(19020524)	437658.43
3710929.48	344.21709	(19020524)		
437683.43	3710929.48	330.38343	(19020524)	437708.43
3710929.48	295.75513	(19051924)		
437733.43	3710929.48	267.64327	(19051924)	437758.43
3710929.48	251.48130	(19051924)		

437783.43	3710929.48	240.16767	(19051924)	437808.43
3710929.48	228.39541	(19051924)		
437833.43	3710929.48	219.25051	(17032224)	437858.43
3710929.48	209.98082	(17032224)		
437883.43	3710929.48	201.76511	(17032224)	437908.43
3710929.48	194.03196	(17032224)		
437933.43	3710929.48	187.04868	(17032224)	437958.43
3710929.48	181.95320	(17032224)		
437983.43	3710929.48	177.15893	(17032224)	438008.43
3710929.48	171.96136	(17032224)		
438033.43	3710929.48	166.27442	(17032224)	438058.43
3710929.48	161.39528	(17032224)		
438083.43	3710929.48	156.16188	(17032224)	438108.43
3710929.48	150.35375	(17032224)		
438133.43	3710929.48	145.32685	(17032224)	437558.43
3710954.48	384.52479	(19030724)		
437583.43	3710954.48	374.92108	(19030724)	437608.43
3710954.48	361.36928	(19030724)		
437633.43	3710954.48	344.47677	(19030724)	437658.43
3710954.48	326.50851	(19030724)		
437683.43	3710954.48	318.04705	(19020524)	437708.43
3710954.48	303.28223	(19020524)		
437733.43	3710954.48	271.90617	(19051924)	437758.43
3710954.48	247.14392	(19051924)		
437783.43	3710954.48	235.34557	(19051924)	437808.43
3710954.48	226.10668	(19051924)		
437833.43	3710954.48	216.17069	(19051924)	437858.43
3710954.48	205.93063	(19051924)		
437883.43	3710954.48	198.12011	(17032224)	437908.43
3710954.48	190.48499	(17032224)		
437933.43	3710954.48	184.29900	(17032224)	437958.43
3710954.48	180.38962	(17032224)		
437983.43	3710954.48	176.88860	(17032224)	438008.43
3710954.48	171.59327	(17032224)		
438033.43	3710954.48	165.33535	(17032224)	438058.43
3710954.48	160.02491	(17032224)		

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 *** AERMET - VERSION 22112 *** ***
 *** 14:12:41

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

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

	438083.43	3710954.48	155.62720	(17032224)	438108.43
3710954.48		150.70805	(17032224)		
	438133.43	3710954.48	146.70719	(17032224)	438158.43
3710954.48		143.08863	(17032224)		
	437583.43	3710979.48	352.79798	(19030724)	437608.43
3710979.48		346.58226	(19030724)		
	437633.43	3710979.48	336.33385	(19030724)	437658.43
3710979.48		322.73408	(19030724)		
	437683.43	3710979.48	308.03742	(19030724)	437708.43
3710979.48		293.42687	(19030724)		
	437733.43	3710979.48	279.35273	(19020524)	437758.43
3710979.48		242.19727	(19051924)		
	437783.43	3710979.48	228.10600	(19051924)	437808.43
3710979.48		220.79309	(19051924)		
	437833.43	3710979.48	213.01985	(19051924)	437858.43
3710979.48		204.19525	(19051924)		
	437883.43	3710979.48	195.52599	(19051924)	437908.43
3710979.48		187.00239	(19051924)		
	437933.43	3710979.48	181.04985	(17032224)	437958.43
3710979.48		175.97736	(17032224)		
	437983.43	3710979.48	172.32505	(17032224)	438008.43
3710979.48		168.06911	(17032224)		
	438033.43	3710979.48	162.59232	(17032224)	438058.43
3710979.48		157.54958	(17032224)		
	438083.43	3710979.48	153.71532	(17032224)	438108.43
3710979.48		149.77071	(17032224)		
	438133.43	3710979.48	146.96686	(17032224)	438158.43
3710979.48		144.01095	(17032224)		
	438183.43	3710979.48	140.50863	(17032224)	437583.43
3711004.48		339.11013	(21030924)		
	437608.43	3711004.48	323.74999	(19030724)	437633.43
3711004.48		319.59009	(19030724)		
	437658.43	3711004.48	311.29426	(19030724)	437683.43
3711004.48		299.04418	(19030724)		
	437708.43	3711004.48	288.55328	(19030724)	437733.43
3711004.48		279.22722	(19030724)		
	437758.43	3711004.48	240.04123	(19020524)	437783.43
3711004.48		218.81183	(19051924)		
	437808.43	3711004.48	211.21757	(19051924)	437833.43
3711004.48		205.57869	(19051924)		
	437858.43	3711004.48	199.40324	(19051924)	437883.43
3711004.48		192.79506	(19051924)		

437908.43	3711004.48	186.30355	(19051924)	437933.43
3711004.48	180.37670	(19051924)		
437958.43	3711004.48	171.71198	(19051924)	437983.43
3711004.48	165.75919	(17032224)		
438008.43	3711004.48	162.10787	(17032224)	438033.43
3711004.48	157.84443	(17032224)		
438058.43	3711004.48	154.31366	(17032224)	438083.43
3711004.48	151.48869	(17032224)		
438108.43	3711004.48	148.15102	(17032224)	438133.43
3711004.48	145.45563	(17032224)		
438158.43	3711004.48	143.42088	(17032224)	438183.43
3711004.48	140.50903	(17032224)		
438208.43	3711004.48	137.21517	(17032224)	437608.43
3711029.48	318.11382	(21030924)		
437633.43	3711029.48	297.29375	(21030924)	437658.43
3711029.48	294.08367	(19030724)		
437683.43	3711029.48	287.05194	(19030724)	437708.43
3711029.48	279.99326	(19030724)		
437733.43	3711029.48	277.32096	(19030724)	437758.43
3711029.48	254.39694	(19030724)		
437783.43	3711029.48	212.55179	(19020524)	437808.43
3711029.48	200.24969	(19051924)		
437833.43	3711029.48	196.53593	(19051924)	437858.43
3711029.48	193.41932	(19051924)		
437883.43	3711029.48	189.18239	(19051924)	437908.43
3711029.48	183.96729	(19051924)		
437933.43	3711029.48	177.60411	(19051924)	437958.43
3711029.48	170.16055	(19051924)		
437983.43	3711029.48	165.50714	(19051924)	438008.43
3711029.48	159.66484	(19051924)		
438033.43	3711029.48	153.00387	(17032224)	438058.43
3711029.48	150.19897	(17032224)		
438083.43	3711029.48	148.59136	(17032224)	438108.43
3711029.48	145.83259	(17032224)		
438133.43	3711029.48	142.64746	(17032224)	438158.43
3711029.48	140.63686	(17032224)		
438183.43	3711029.48	139.31357	(17032224)	438208.43
3711029.48	136.61119	(17032224)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

438233.43	3711029.48	133.39171	(17032224)	437608.43	
3711054.48	314.44808	(21030924)			
437633.43	3711054.48	299.39874	(21030924)	437658.43	
3711054.48	280.94982	(21030924)			
437683.43	3711054.48	271.28871	(19030724)	437708.43	
3711054.48	266.85497	(19030724)			
437733.43	3711054.48	264.17420	(19030724)	437758.43	
3711054.48	263.25603	(19030724)			
437783.43	3711054.48	233.15521	(19030724)	437808.43	
3711054.48	194.27060	(19020524)			
437833.43	3711054.48	185.86999	(19051924)	437858.43	
3711054.48	183.57888	(19051924)			
437883.43	3711054.48	180.89050	(19051924)	437908.43	
3711054.48	176.97199	(19051924)			
437933.43	3711054.48	172.00003	(19051924)	437958.43	
3711054.48	166.79470	(19051924)			
437983.43	3711054.48	163.28559	(19051924)	438008.43	
3711054.48	158.93228	(19051924)			
438033.43	3711054.48	153.19627	(19051924)	438058.43	
3711054.48	147.36653	(19051924)			
438083.43	3711054.48	143.10581	(19051924)	438108.43	
3711054.48	141.69759	(17032224)			
438133.43	3711054.48	139.59987	(17032224)	438158.43	
3711054.48	137.19997	(17032224)			
438183.43	3711054.48	135.71451	(17032224)	438208.43	
3711054.48	134.02864	(17032224)			
438233.43	3711054.48	131.65125	(17032224)	437633.43	
3711079.48	295.16687	(21030924)			
437658.43	3711079.48	281.34097	(21030924)	437683.43	
3711079.48	264.67734	(21030924)			
437708.43	3711079.48	249.41271	(19030724)	437733.43	
3711079.48	247.39419	(19030724)			
437758.43	3711079.48	250.80015	(19030724)	437783.43	
3711079.48	246.83320	(19030724)			
437808.43	3711079.48	213.74680	(19030724)	437833.43	
3711079.48	184.20701	(19030724)			
437858.43	3711079.48	175.02684	(19020524)	437883.43	
3711079.48	172.71700	(19051924)			
437908.43	3711079.48	170.12557	(19051924)	437933.43	
3711079.48	166.46431	(19051924)			

437958.43	3711079.48	162.39230	(19051924)	437983.43
3711079.48	158.89956	(19051924)		
438008.43	3711079.48	155.54949	(19051924)	438033.43
3711079.48	151.49913	(19051924)		
438058.43	3711079.48	146.32775	(19051924)	438083.43
3711079.48	141.66833	(19051924)		
438108.43	3711079.48	138.49517	(19051924)	438133.43
3711079.48	135.10784	(19051924)		
438158.43	3711079.48	132.85330	(17032224)	438183.43
3711079.48	131.74588	(17032224)		
437633.43	3711104.48	297.52555	(17060724)	437658.43
3711104.48	276.60969	(21030924)		
437683.43	3711104.48	264.44410	(21030924)	437708.43
3711104.48	249.25739	(21030924)		
437733.43	3711104.48	233.64706	(21030924)	437758.43
3711104.48	233.18512	(19030724)		
437783.43	3711104.48	239.53739	(19030724)	437808.43
3711104.48	229.29144	(19030724)		
437833.43	3711104.48	198.76996	(19030724)	437858.43
3711104.48	178.38818	(19030724)		
437883.43	3711104.48	167.43847	(19030724)	437908.43
3711104.48	162.95322	(19020524)		
437933.43	3711104.48	159.49714	(19051924)	437958.43
3711104.48	156.40587	(19051924)		
437983.43	3711104.48	153.21410	(19051924)	438008.43
3711104.48	150.37365	(19051924)		
438033.43	3711104.48	147.78562	(19051924)	438058.43
3711104.48	144.15100	(19051924)		
438083.43	3711104.48	139.76295	(19051924)	438108.43
3711104.48	136.30454	(19051924)		
438133.43	3711104.48	133.43757	(19051924)	438158.43
3711104.48	130.61807	(19051924)		
437633.43	3711129.48	301.93931	(17060724)	437658.43
3711129.48	282.61786	(17060724)		
437683.43	3711129.48	262.30858	(21030924)	437708.43
3711129.48	250.54186	(21030924)		
437733.43	3711129.48	237.32805	(21030924)	437758.43
3711129.48	224.72223	(21030924)		
437783.43	3711129.48	221.69570	(19030724)	437808.43
3711129.48	226.89305	(19030724)		

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

		** CONC OF CO		IN MICROGRAMS/M**3	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)			
437833.43	3711129.48	212.97552	(19030724)		437858.43
3711129.48	190.39765	(19030724)			
437883.43	3711129.48	173.81042	(19030724)		437908.43
3711129.48	159.84215	(19030724)			
437933.43	3711129.48	152.26251	(19020524)		437958.43
3711129.48	149.00120	(19020524)			
437983.43	3711129.48	146.51200	(19051924)		438008.43
3711129.48	144.36385	(19051924)			
438033.43	3711129.48	142.55463	(19051924)		438058.43
3711129.48	140.37789	(19051924)			
438083.43	3711129.48	136.92022	(19051924)		438108.43
3711129.48	133.60555	(19051924)			
438133.43	3711129.48	131.42878	(19051924)		438158.43
3711129.48	130.04334	(19051924)			
437633.43	3711154.48	312.44318	(17060724)		437658.43
3711154.48	296.38562	(17060724)			
437683.43	3711154.48	275.71094	(17060724)		437708.43
3711154.48	251.32663	(17060724)			
437733.43	3711154.48	238.62196	(21030924)		437758.43
3711154.48	226.71109	(21030924)			
437783.43	3711154.48	216.20670	(21030924)		437808.43
3711154.48	209.97432	(19030724)			
437833.43	3711154.48	213.99640	(19030724)		437858.43
3711154.48	202.17793	(19030724)			
437883.43	3711154.48	185.17414	(19030724)		437908.43
3711154.48	163.46821	(19030724)			
437933.43	3711154.48	148.56380	(19030724)		437958.43
3711154.48	141.12014	(19030724)			
437983.43	3711154.48	139.84488	(19020524)		438008.43
3711154.48	138.66480	(19020524)			
438033.43	3711154.48	136.55522	(19051924)		438058.43
3711154.48	134.78144	(19051924)			
438083.43	3711154.48	132.71323	(19051924)		438108.43
3711154.48	131.25597	(19051924)			
438133.43	3711154.48	130.71400	(19051924)		437633.43
3711179.48	310.88695	(17060724)			
437658.43	3711179.48	300.47906	(17060724)		437683.43
3711179.48	286.15643	(17060724)			

437708.43	3711179.48	265.72751	(17060724)	437733.43
3711179.48	239.11127	(17060724)		
437758.43	3711179.48	226.35371	(21030924)	437783.43
3711179.48	217.18491	(21030924)		
437808.43	3711179.48	208.39001	(21030924)	437833.43
3711179.48	201.64825	(21030924)		
437858.43	3711179.48	202.19866	(19030724)	437883.43
3711179.48	193.85780	(19030724)		
437908.43	3711179.48	172.01857	(19030724)	437933.43
3711179.48	149.76329	(19030724)		
437958.43	3711179.48	141.42751	(19030724)	437983.43
3711179.48	136.92137	(19030724)		
438008.43	3711179.48	132.62188	(19020524)	438033.43
3711179.48	130.57264	(19020524)		
438058.43	3711179.48	129.09247	(19020524)	438083.43
3711179.48	129.13714	(19051924)		
437633.43	3711204.48	297.51095	(17060724)	437658.43
3711204.48	293.15337	(17060724)		
437683.43	3711204.48	284.20420	(17060724)	437708.43
3711204.48	270.29289	(17060724)		
437733.43	3711204.48	249.34954	(17060724)	437758.43
3711204.48	224.60233	(17060724)		
437783.43	3711204.48	215.67975	(21030924)	437808.43
3711204.48	207.68277	(21030924)		
437833.43	3711204.48	199.92230	(21030924)	437858.43
3711204.48	194.23724	(21030924)		
437883.43	3711204.48	190.99679	(19030724)	437958.43
3711204.48	140.18420	(19030724)		
437983.43	3711204.48	134.86301	(19030724)	438008.43
3711204.48	130.25055	(19030724)		
438033.43	3711204.48	126.47818	(19030724)	438058.43
3711204.48	125.67102	(19020524)		
437633.43	3711229.48	286.22555	(17060724)	437658.43
3711229.48	284.18746	(17060724)		
437683.43	3711229.48	277.13221	(17060724)	437708.43
3711229.48	267.47571	(17060724)		
437733.43	3711229.48	253.75945	(17060724)	437758.43
3711229.48	232.59873	(17060724)		
437783.43	3711229.48	213.12656	(17060724)	437808.43
3711229.48	205.80635	(21030924)		
437833.43	3711229.48	198.70210	(21030924)	437858.43
3711229.48	192.47911	(21030924)		

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437883.43	3711229.48	190.17580	(21030924)	437958.43
3711229.48	137.06226	(19030724)		
437983.43	3711229.48	132.10738	(19030724)	438008.43
3711229.48	129.24078	(19030724)		
437633.43	3711254.48	270.36155	(17060724)	437658.43
3711254.48	268.70267	(17060724)		
437683.43	3711254.48	263.12527	(17060724)	437708.43
3711254.48	257.89687	(17060724)		
437733.43	3711254.48	251.34667	(17060724)	437758.43
3711254.48	236.14188	(17060724)		
437783.43	3711254.48	218.15063	(17060724)	437808.43
3711254.48	203.91512	(17060724)		
437833.43	3711254.48	196.89816	(21030924)	437858.43
3711254.48	191.60223	(21030924)		
437958.43	3711254.48	134.46478	(19030724)	437983.43
3711254.48	130.42273	(19030724)		
437633.43	3711279.48	249.23543	(17060724)	437658.43
3711279.48	250.29418	(17060724)		
437683.43	3711279.48	247.72968	(17060724)	437708.43
3711279.48	243.64835	(17060724)		
437733.43	3711279.48	239.84782	(17060724)	437758.43
3711279.48	232.33695	(17060724)		
437783.43	3711279.48	220.06862	(17060724)	437808.43
3711279.48	208.11179	(17060724)		
437833.43	3711279.48	195.36824	(17060724)	437858.43
3711279.48	189.09544	(21030924)		
437633.43	3711304.48	228.68838	(17060724)	437658.43
3711304.48	231.50290	(17060724)		
437683.43	3711304.48	232.66808	(17060724)	437708.43
3711304.48	232.07745	(17060724)		
437733.43	3711304.48	230.40252	(17060724)	437758.43
3711304.48	226.02709	(17060724)		
437783.43	3711304.48	218.87382	(17060724)	437808.43
3711304.48	209.59338	(17060724)		
437833.43	3711304.48	199.16652	(17060724)	437858.43
3711304.48	187.79799	(17060724)		

437633.43	3711329.48	220.95385	(19061924)	437658.43
3711329.48	212.19294	(17060724)		
437683.43	3711329.48	217.38173	(17060724)	437708.43
3711329.48	219.80267	(17060724)		
437733.43	3711329.48	220.23290	(17060724)	437758.43
3711329.48	218.55078	(17060724)		
437783.43	3711329.48	214.98307	(17060724)	437808.43
3711329.48	208.58038	(17060724)		
437833.43	3711329.48	200.63041	(17060724)	437733.43
3711354.48	209.19735	(17060724)		
437758.43	3711354.48	209.57487	(17060724)	437783.43
3711354.48	208.86124	(17060724)		
437808.43	3711354.48	205.68154	(17060724)	437833.43
3711354.48	200.26259	(17060724)		
437758.43	3711379.48	199.76744	(17060724)	437783.43
3711379.48	201.37635	(17060724)		
437808.43	3711379.48	201.12758	(17060724)	437783.43
3711404.48	193.20547	(17060724)		
437352.80	3710298.32	444.67812	(17091224)	437364.80
3710261.08	355.15291	(17020924)		
437370.47	3710234.58	320.86712	(17020924)	437383.73
3710196.71	277.83984	(17020924)		
437398.24	3710177.15	259.37601	(17020924)	437407.08
3710152.54	239.59786	(17020924)		
437413.39	3710127.30	220.27639	(17020924)	437414.65
3710097.64	193.21256	(17020924)		
437446.20	3710120.99	198.88658	(17020924)	437475.86
3710096.38	167.43010	(17020924)		
437442.42	3710073.66	173.07768	(17020924)	437427.27
3710057.25	171.94100	(17020924)		
437568.00	3710023.80	123.78216	(17020924)	436945.50
3712239.57	90.26295	(19011708)		
436912.81	3712076.12	94.78019	(21071208)	436855.61
3712046.16	105.55850	(21071208)		
436792.95	3711953.54	111.96898	(21102924)	436803.85
3711841.85	126.66702	(21102924)		
436727.57	3711741.05	139.92552	(21102924)	436683.98
3711680.65	146.03629m	(20031324)		
436659.80	3711610.97	172.81339m	(20031324)	436689.67
3711518.54	194.19271m	(20031324)		
436692.51	3711396.24	204.92669m	(20031324)	436671.18
3711309.50	183.34971	(17042808)		
436634.21	3711224.18	216.97012	(19122524)	436615.72
3711201.42	225.55196	(19122524)		
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*** AERMET - VERSION 22112 *** ***				
*** 14:12:41				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436551.73	3711198.58	200.99164	(19122524)	436540.35
3711180.09	214.10212	(19020308)		
436506.22	3711060.64	281.63072	(21122924)	436476.36
3711057.80	272.54412	(21122924)		
436439.92	3710984.24	244.36346	(19112024)	436348.21
3710946.05	273.10345	(18123108)		
436363.06	3710878.80	283.53883	(18123108)	436362.19
3710841.25	277.23344	(17012208)		
436445.15	3710823.78	319.48504	(17012208)	436466.11
3710828.15	330.77283	(17012208)		
436510.65	3710830.77	365.54579	(18123108)	436541.22
3710823.78	389.21402	(18123108)		
436555.19	3710789.72	392.33193	(17012208)	436555.19
3710739.07	349.82964	(20021208)		
436576.15	3710701.51	403.10724	(20021208)	436576.15
3710683.17	408.55812	(18122708)		
436581.39	3710640.38	491.70414	(21012708)	436563.93
3710581.86	465.28709	(21012708)		
436552.57	3710556.54	386.76015	(21012708)	436528.99
3710557.41	379.78393	(21012708)		
436509.78	3710508.50	337.59133	(20020608)	436505.41
3710470.95	335.97538	(20020608)		
436509.78	3710423.79	309.12651	(20122608)	436506.29
3710384.49	301.18267	(19012408)		
436566.55	3710354.80	372.03320	(18122008)	436597.11
3710359.16	401.35853	(18122008)		
436563.93	3710299.77	409.17207	(17010808)	436550.83
3710258.73	410.36240	(20010708)		
436507.79	3710262.91	369.91755	(17010808)	436485.08
3710219.37	360.18495	(20010708)		
436467.41	3710237.04	345.10740	(17010808)	436439.65
3710332.95	266.17402	(19121908)		
436361.24	3710342.88	241.80554	(19012408)	436296.40
3710356.78	222.44336	(20122608)		

436245.46	3710491.09	217.24042	(19121008)	436208.40
3710551.30	262.57754	(21012708)		
436196.82	3710648.57	264.23546	(21012708)	436201.46
3710771.30	218.25257	(20021208)		
436233.88	3710903.30	227.50031	(17012208)	436261.67
3711079.30	181.24013	(19112024)		
436384.40	3711120.98	225.02624	(21122924)	436446.93
3711171.93	210.53329	(19011508)		
436490.93	3711352.56	161.55547	(19122524)	436490.93
3711542.46	129.66511	(17042808)		
436521.03	3711690.67	133.97952m	(20031324)	436578.93
3711827.30	134.77698m	(20031324)		
436602.09	3711878.24	120.29399m	(20031324)	436648.40
3711959.30	115.08516	(21102924)		
436743.35	3712123.72	97.52824	(21102924)	436840.61
3712200.14	94.13690	(21071208)		
436893.87	3712225.61	86.09320	(21071208)	437700.99
3710157.48	128.98795	(17091224)		
437769.60	3710267.92	139.03626	(17012024)	437888.40
3710425.21	138.74608	(20110824)		
437945.29	3710542.34	159.01712	(18122508)	438018.92
3710764.89	143.42171	(18122508)		
438079.16	3710873.66	151.17643	(17032224)	438154.46
3710925.53	141.67356	(17032224)		
438259.88	3711047.68	129.23058	(17032224)	438181.23
3711084.49	130.92457	(17032224)		
438171.19	3711129.67	129.36015	(19051924)	437963.70
3711275.25	133.14642	(21030924)		
437920.19	3711156.45	156.87223	(19030724)	437839.88
3711363.94	198.23773	(17060724)		
437779.64	3711412.46	190.05947	(17060724)	437722.74
3711350.55	210.35650	(17060724)		
437622.35	3711352.22	218.60119	(19061924)	437622.35
3711174.85	317.02720	(17060724)		
437617.33	3711076.13	307.11872	(17060724)	437553.74
3710970.71	366.62193	(19030724)		
437444.96	3710875.33	546.53266	(19030724)	437438.65
3710817.89	608.70706	(19030724)		
437437.25	3710697.99	628.31980	(21042524)	437451.63
3710653.41	620.39271	(18122508)		
437468.04	3710613.02	654.40995	(18122508)	437509.70
3710613.65	612.45483	(18122508)		
437466.15	3710493.73	480.08448	(20110824)	437469.31
3710434.41	374.48153	(21012524)		
437489.50	3710397.80	313.01792	(17012024)	437500.23
3710374.45	285.09625	(17012024)		

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*** AERMET - VERSION 22112 *** ***

*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437538.10	3710344.79	237.64945	(17012024)	437561.45
3710310.70	208.84482	(17091224)		
437579.76	3710263.37	208.58615	(17091224)	437637.82
3710216.03	167.00998	(17091224)		
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*** AERMET - VERSION 22112 ***				
*** 14:12:41				

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF CO 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 1253.42012 ON 18021904: AT (437438.65,
3710817.89, 85.05, 205.14, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

ME W186	64	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50		
ME W187	64	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
CN W733	1168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017021816		
CN W733	10360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018030816		
CN W733	12400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018060116		
CN W733	19512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019032424		
CN W733	22840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019081016		
CN W733	28024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316		
CN W733	28048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416		
CN W733	28072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516		
CN W733	28096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616		
CN W733	28504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216		
CN W733	28528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316		
CN W733	28624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040716		
CN W733	28936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016		
CN W733	33016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716		
CN W733	33088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016		
CN W733	33264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101724		
CN W733	33880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216		
CN W733	34024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816		

CN W733	34072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016		
CN W733	34096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116		
CN W733	34120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112216		
CN W733	34144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112316		
CN W733	34168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416		
CN W733	34192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516		
CN W733	34672	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020121516		
CN W733	34816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116		
CN W733	35272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021010916		
CN W733	35296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011016		
CN W733	35320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011116		
CN W733	35344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011216		
CN W733	35608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012316		
CN W733	35632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012416		
CN W733	35656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012516		
CN W733	36808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031416		
CN W733	37192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021033016		
CN W733	37288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040316		
CN W733	37760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042308		
CN W733	37784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042408		
CN W733	38752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021060316		
CN W733	39888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072024		
CN W733	39896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072108		
CN W733	40088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072908		
CN W733	40912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021090116		

CN W733	41384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021092108		
CN W733	41800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100816		
CN W733	41824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100916		
CN W733	43272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021120824		
CN W733	43536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021121924		

*** AERMOD Finishes Successfully ***

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*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** 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 URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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: CO

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

**This Run Includes: 1 Source(s); 1 Source Group(s); and 1604
Receptor(s)

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

[illegible]

ALBEDO	REF	WS	WD	HT	REF	TA	HT						
17	01	01	1	01	-3.5	0.085	-9.000	-9.000	-999.	59.	15.7	0.20	1.20
1.00		0.86	69.	10.0	280.0	9.0							
17	01	01	1	02	-3.7	0.087	-9.000	-9.000	-999.	62.	15.9	0.20	1.20
1.00		0.90	61.	10.0	279.7	9.0							
17	01	01	1	03	-8.0	0.126	-9.000	-9.000	-999.	107.	22.3	0.20	1.20
1.00		1.34	69.	10.0	280.4	9.0							
17	01	01	1	04	-3.1	0.081	-9.000	-9.000	-999.	56.	15.5	0.20	1.20
1.00		0.80	67.	10.0	279.9	9.0							
17	01	01	1	05	-3.0	0.080	-9.000	-9.000	-999.	54.	14.8	0.15	1.20
1.00		0.86	113.	10.0	279.8	9.0							
17	01	01	1	06	-6.1	0.109	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.26	92.	10.0	279.9	9.0							
17	01	01	1	07	-5.8	0.107	-9.000	-9.000	-999.	84.	18.8	0.20	1.20
1.00		1.14	86.	10.0	279.8	9.0							
17	01	01	1	08	-3.2	0.087	-9.000	-9.000	-999.	61.	18.2	0.15	1.20
0.53		1.00	98.	10.0	280.2	9.0							
17	01	01	1	09	36.6	0.148	0.553	0.005	163.	136.	-7.8	0.15	1.20
0.31		1.12	106.	10.0	283.2	9.0							
17	01	01	1	10	89.0	0.203	1.161	0.005	624.	219.	-8.3	0.19	1.20
0.24		1.45	159.	10.0	285.0	9.0							
17	01	01	1	11	102.2	0.298	1.444	0.005	1044.	390.	-22.9	0.25	1.20
0.21		2.23	183.	10.0	285.5	9.0							
17	01	01	1	12	116.1	0.262	1.560	0.005	1160.	323.	-13.7	0.25	1.20
0.20		1.83	200.	10.0	286.2	9.0							
17	01	01	1	13	114.8	0.302	1.599	0.005	1265.	399.	-21.4	0.17	1.20
0.20		2.51	225.	10.0	286.6	9.0							
17	01	01	1	14	98.2	0.415	1.544	0.005	1330.	641.	-64.5	0.25	1.20
0.21		3.44	205.	10.0	286.5	9.0							
17	01	01	1	15	79.0	0.324	1.451	0.005	1370.	448.	-38.2	0.25	1.20
0.25		2.57	199.	10.0	286.4	9.0							
17	01	01	1	16	26.2	0.313	1.007	0.005	1383.	420.	-103.7	0.25	1.20
0.33		2.68	195.	10.0	286.5	9.0							
17	01	01	1	17	-20.5	0.246	-9.000	-9.000	-999.	295.	66.8	0.25	1.20
0.61		2.33	190.	10.0	285.5	9.0							
17	01	01	1	18	-7.1	0.119	-9.000	-9.000	-999.	109.	21.0	0.19	1.20
1.00		1.29	162.	10.0	284.2	9.0							
17	01	01	1	19	-6.0	0.108	-9.000	-9.000	-999.	86.	18.7	0.15	1.20
1.00		1.25	117.	10.0	283.5	9.0							
17	01	01	1	20	-8.2	0.127	-9.000	-9.000	-999.	108.	22.1	0.15	1.20
1.00		1.46	104.	10.0	283.4	9.0							
17	01	01	1	21	-8.0	0.125	-9.000	-9.000	-999.	106.	21.8	0.15	1.20
1.00		1.44	120.	10.0	284.0	9.0							
17	01	01	1	22	-7.3	0.120	-9.000	-9.000	-999.	100.	21.1	0.17	1.20
1.00		1.34	127.	10.0	284.3	9.0							
17	01	01	1	23	-5.7	0.106	-9.000	-9.000	-999.	83.	18.6	0.17	1.20
1.00		1.19	128.	10.0	284.0	9.0							
17	01	01	1	24	-9.5	0.137	-9.000	-9.000	-999.	122.	24.2	0.17	1.20

1.00 1.52 129. 10.0 283.9 9.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	9.0	0	-999.	-99.00	280.0	99.0	-99.00	-99.00
17	01	01	01	10.0	1	69.	0.86	-999.0	99.0	-99.00	-99.00

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

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BESS\Compass\Compass.isc *** 05/16/25
*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR

RESULTS ***

** CONC OF CO 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 1253.42012 ON 18021904: AT (437438.65,
3710817.89, 85.05, 205.14, 0.00) DC

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

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*** AERMET - VERSION 22112 *** ***
*** 14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR

RESULTS ***

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

ALL HIGH 1ST HIGH VALUE IS 654.40995 ON 18122508: AT (437468.04,
3710613.02, 89.00, 205.14, 0.00) DC

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

```

*** AERMOD - VERSION 24142 ***      *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc ***      05/16/25
*** AERMET - VERSION 22112 ***      ***
***      14:12:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

```
A Total of          0 Fatal Error Message(s)
A Total of          50 Warning Message(s)
A Total of         471 Informational Message(s)
```

A Total of 43824 Hours Were Processed

A Total of 92 Calm Hours Identified

A Total of 379 Missing Hours Identified (0.86 Percent)

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

```

***** WARNING MESSAGES *****
ME W186      64      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
           0.50
ME W187      64      MEOPEN: ADJ U* Option for Stable Low Winds used in AERMET

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CN W733	1168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017021816		
CN W733	10360	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018030816		
CN W733	12400	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2018060116		
CN W733	19512	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019032424		
CN W733	22840	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2019081016		
CN W733	28024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031316		
CN W733	28048	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031416		
CN W733	28072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031516		
CN W733	28096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020031616		
CN W733	28504	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040216		
CN W733	28528	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040316		
CN W733	28624	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020040716		
CN W733	28936	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020042016		
CN W733	33016	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020100716		
CN W733	33088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101016		
CN W733	33264	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020101724		
CN W733	33880	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111216		
CN W733	34024	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020111816		
CN W733	34072	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112016		
CN W733	34096	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112116		
CN W733	34120	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112216		
CN W733	34144	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112316		
CN W733	34168	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112416		
CN W733	34192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020112516		
CN W733	34672	AVER: 8-hr avg, < 6 hours of data, calms policy used.

2020121516		
CN W733	34816	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2020122116		
CN W733	35272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021010916		
CN W733	35296	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011016		
CN W733	35320	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011116		
CN W733	35344	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021011216		
CN W733	35608	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012316		
CN W733	35632	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012416		
CN W733	35656	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021012516		
CN W733	36808	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021031416		
CN W733	37192	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021033016		
CN W733	37288	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021040316		
CN W733	37760	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042308		
CN W733	37784	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021042408		
CN W733	38752	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021060316		
CN W733	39888	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072024		
CN W733	39896	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072108		
CN W733	40088	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021072908		
CN W733	40912	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021090116		
CN W733	41384	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021092108		
CN W733	41800	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100816		
CN W733	41824	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021100916		
CN W733	43272	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021120824		
CN W733	43536	AVER: 8-hr avg, < 6 hours of data, calms policy used.
2021121924		