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4.1 Air Quality

4.1.1 Introduction

This section presents the methodology and results of an analysis performed to assess potential impacts of airborne emissions from the construction and operation of the Compass Energy Storage Project (project) and the project's compliance with applicable air quality requirements. The analysis was prepared following the South Coast Air Quality Management District's (SCAQMD) California Environmental Quality Act (CEQA) Air Quality Handbook (SCAQMD 1993).

Section 4.1.1 presents the introduction to the project. Section 4.1.2 presents the regulatory items affecting new source review. Section 4.1.3 presents data on the emissions of criteria, greenhouse gases and air toxic pollutants from the project. Section 4.1.4 discusses the best available control technology (BACT) evaluations for the project. Section 4.1.5 presents the air quality impact analysis for the project. Section 4.1.6 discusses the meteorological data selection process required to analyze the impacts of the project. Section 4.1.7 presents applicable laws, ordinances, regulations, and standards. Section 4.1.8 contains references cited or consulted in preparing this section. Appendices 4.1A through 4.1C contain the emissions calculations, air quality impact analysis for construction and operation phases, air dispersion modeling information, list of receptors, and regional emissions inventory data. Potential air emissions from an emergency BESS scenario are addressed in this application in Section 4.17 and in the Hazardous Mitigation Analysis provided to the CEC as Attachment 2 to Data Request #4 on 11/27/24 (TN 260326), the Community Risk Assessment (TN 262150 and 262154 on 3/11/25) and the Hazard Consequence Analysis (TN 264482 and 262483 on 6/27/25).

4.1.2 Regulatory Items Affecting New Source Review

Regulated air emissions from project operations will not exceed federal major source thresholds under nonattainment New Source Review (NSR) or Prevention of Significant Deterioration (PSD) and, therefore, federal NSR will not apply to this project. Because nonattainment NSR does not apply, emission offsets are not required. The project site is located in an area that is considered extreme nonattainment (National Ambient Air Quality Standards [NAAQS] and California Ambient Air Quality Standards [CAAQS]) for 8-hour ozone (1997, 2008, and 2015), extreme nonattainment (NAAQS and CAAQS) for 1-hour ozone (1979), nonattainment for CAAQS particulate matter less than 10 microns (PM_{10}), and serious nonattainment (NAAQS and CAAQS) for particulate matter less than 2.5 microns ($PM_{2.5}$) (2006 and 2012) (SCAQMD 2016).

SCAQMD has an NSR process that is organized into under Regulation XIII – New Source Review, Rules 1300 through 1325. The NSR process requires the following considerations:

- Emission units must meet Best Available Control Technology (BACT). BACT will be met by purchasing engines that conform to the United States Environmental Protection Agency (EPA) Tier 4 emission standards and combust diesel fuel that contains no more than 15 parts per million ppm sulfur.

The project will generate emissions of criteria air pollutants during construction and operation. NSR is concerned with the operational emissions associated with the project. The proposed project would not include any permitted sources such as an emergency generator or other emissions unit. Therefore, BACT requirements would not apply to the proposed project.

The direct construction and operation emissions impacts associated with the project are analyzed according to SCAQMD and California Energy Commission (CEC) modeling requirements. An air quality analysis was conducted to demonstrate that impacts from nitrogen oxides (NO_x), carbon monoxide (CO), sulfur dioxide (SO_2), and particulate matter (PM_{10} and $PM_{2.5}$) will comply with the CAAQS and NAAQS for the applicable averaging periods. Impacts from nearby sources are not anticipated to be significant but will be assessed for criteria pollutants under separate cover if requested by SCAQMD or the CEC. The need for a cumulative source analysis will be assessed after the CEC data adequacy review. A search of the California Air Resources Board (CARB) Pollution Mapping Tool shows that the closest tracked source is an inactive electrical generating facility located approximately 4.5 miles to the southeast of the project. There are no active generating units inside of the CEC's suggested radius of 6 miles to consider nearby sources, therefore, no cumulative air quality modeling protocol is provided in this study. Worst-case annual emissions for operation are summarized in Table 4.1-1.

Table 4.1-1. Facility Potential to Emit Summary and Major Source/Attainment Status for Operation

Pollutant	Project PTE (tpy)	Federal Attainment	State Attainment	Federal NSR Major Source Threshold (tpy)	Federal PSD Major Source Threshold (tpy)
NO_2	0.004	Y	Y	10	250
CO	0.01	Y	Y	50	250
VOC	0.01	N/A	N/A	10	250
SO_2	0.00003	Y	Y	70	250
PM_{10}	0.002	Y	N	70	250
$PM_{2.5}$	0.001	N-serious	N	70	250
GHG (CO_2e)	491	N/A	N/A	N/A	75,000
Ozone	N/A	N-extreme	N	N/A	N/A

Notes: tpy = tons per year; N/A = not applicable; NSR = new source review; PSD = prevention of significant deterioration; NO_2 = nitrogen dioxide; CO = carbon monoxide; VOC = volatile organic compounds; SO_2 = sulfur dioxide; PM_{10} = particulate matter less than 10 microns; $PM_{2.5}$ = particulate matter less than 2.5 microns; GHG = greenhouse gases; CO_2e = carbon dioxide equivalent. Greenhouse gas (GHG) can only be a major source under PSD if another regulated pollutant is a major source for PSD. **Source:** EPA 2023a.

4.1.3 Emissions Evaluation

4.1.3.1 Facility Emissions

As shown in Table 4.1-1, the proposed project would not result in emissions that exceed the major source screening threshold of 250 tons per year. Therefore, the proposed project would be considered a NSR minor source for all criteria air pollutants under federal regulations. As such, the project will not be required to implement the requirements of the federal PSD program. The SCAQMD's NSR rules requires that all emission units meet BACT standards. BACT requires utilizing engines that conform to the EPA Tier 4 emission standards and combust diesel fuel that contains no more than 15 parts per million (ppm) sulfur. The proposed project would not include any permitted sources such as an emergency generator or boiler. Therefore, BACT requirements would not apply to the proposed project. However, off-road equipment during construction would meet the Tier Final 4 emissions standard although not it is not required by SCAQMD's NSR rules. Criteria air pollutant emissions from the project are discussed in the following sections. Emissions related to hazardous air pollutants (HAPs) are discussed in

Section 4.9, Public Health, of this application. Detailed emissions calculations for all air criteria pollutants are provided in Appendix 4.1A. Peak hourly, daily, and annual emissions of criteria air pollutants are based on the anticipated construction schedule and hours of use for the off-road equipment.

4.1.3.2 Normal Operations

Construction and operation of the proposed project would include activities that would require the use of off-road diesel-fueled equipment. Use of the off-road equipment during construction activities would result in criteria air pollutant and toxic air pollutant emissions to the South Coast Air Basin (SCAB). Specifically, criteria air pollutant emissions would include emissions of volatile organic compounds (VOCs), NO_x, CO, sulfur oxides (SO_x), PM_{10}, $PM_{2.5}$, carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). Air Toxic pollutants would consist of a combination of HAPs and other compound which are commonly generated from the combustion of diesel fuel. Table 4.1-2 lists the pollutants that may potentially be emitted by the project during regular maintenance activities. There are no other significant sources of criteria air pollutant or HAPs resulting from the operation of the project. Commissiong of the project is not anticipated to require significant time or result in emissions that are beyond the scope of normal operation captured in this analysis. As such, no air emission testing is anticipated for commissioning of the project.

Table 4.1-2. Air Pollutants Emitted by the Project

Criteria Air Pollutants	Greenhouse Gases	Toxic Air Contaminants
Volatile Organic Compounds	Carbon Dioxide	Diesel Particulate Matter
Nitrogen Oxides	Methane	—
Carbon Monoxide	Nitrous Oxide	
Particulate Matter Less than 10 microns	—	
Particulate Matter Less than 2.5 microns		

4.1.3.3 Criteria Pollutant Emissions

Criteria air pollutant emissions would be released from the use of diesel fueled off-road equipment during construction and from periodic maintenance during operation. Table 4.1-3 shows the maximum short term (pounds per hour [lb/hr]) and annual criteria pollutant emissions for the worst-case scenario during operation. See Appendix 4.1A for detailed calculations for criteria air pollutant emissions.

Table 4.1-3. Facility Maximum Emissions Rate and PTE Summary for Operation

Criteria Air Pollutants	Maximum Emissions Rate (lb/hr)	Potential to Emit (tpy)
NO_2	~~0.4422~~ 0.39	0.004
CO	~~0.4131~~ 0.41	0.01
VOC	~~0.0514~~ 0.05	0.01
SO_2	~~0.0012~~ 0.001	0.00003
PM_{10}	~~0.0253~~ 0.02	0.002
$PM_{2.5}$	~~0.0183~~ 0.02	0.001
CO_2e	~~315.75~~ 382.76	491

Source: Appendix 4.1A.
Notes: lb/hr = pounds per hour; tpy = tons per year; NO_x = nitrogen oxides; CO = carbon monoxide; VOC = volatile organic compounds; SO_2 = sulfur dioxide; $PM_{10}/PM_{2.5}$ = particulate matter less than 10 or less than 2.5 microns; CO_2e = carbon dioxide equivalent.

Greenhouse Gas Emissions

GHG emissions would be released from the use of diesel fueled off-road equipment during construction and from periodic maintenance during operation. Greenhouse gas (GHG) emissions have been estimated for both construction and operation of the project. Table 4.1-3 shows the GHG emissions from operation of the project. Appendix 4.1A provides GHG emissions details for all phases of construction.

4.1.3.4 Hazardous Air Pollutants

Section 4.9, Public Health, provides a detailed quantitative analysis on HAPs emissions from operation of the project and a health risk assessment.

4.1.3.5 Construction Emissions

Construction of the proposed project is estimated to require 15 months to complete. Construction activity and the resulting emissions at the project site would be in line with emissions at most construction sites. Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (e.g., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement. Specifically, entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. Internal combustion engines used by construction equipment, haul trucks, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOC, NO_x, CO, PM_{10}, and $PM_{2.5}$. Construction emissions can vary substantially from day to day depending on the level of activity, the specific type of operation, and, for dust, the prevailing weather conditions. Emissions estimates resulting from construction of the project can be found in Appendix 4.1A.

The proposed project would be required to incorporate reduction measures as required by SCAQMD Rule 403 and Rule 1113. SCAQMD Rule 403, Fugitive Dust, requires the implementation of measures to control the emission of visible fugitive/nuisance dust, such as wetting soils that would be disturbed. It was assumed that the active sites would be watered at least twice daily. Rule 1113, Architectural Coatings, requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

The SCAQMD CEQA Air Quality Significance Thresholds, as revised in March 2023, set forth quantitative emission significance thresholds for criteria air pollutants, which, if exceeded, would indicate the potential for a project to contribute to violations of the NAAQS or CAAQS. Table 4.1-4 lists the revised SCAQMD Air Quality Significance Thresholds (SCAQMD 2023).

Table 4.1-4. South Coast Air Quality Management District Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds		
Pollutant	**Construction (Pounds per Day)**	**Operation (Pounds per Day)**
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
TACs and Odor Thresholds		
TACs[b]	Maximum incremental cancer risk ≥10 in 1 million Cancer Burden >0.5 excess cancer cases (in areas ≥1 in 1 million) Chronic and acute hazard index ≥1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	

Source: SCAQMD 2023.
Notes: VOCs = volatile organic compounds; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; SCAQMD = South Coast Air Quality Management District.
[a] The phase-out of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.
[b] TACs include carcinogens and noncarcinogens.

Table 4.1-5 shows the estimated maximum daily construction emissions associated with the construction phase of the project.

Table 4.1-5. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds Per Day					
~~2025~~ 2026	~~4.19~~ 2.07	~~60.15~~ 18.74	~~191.88~~ 99.21	~~0.38~~ 0.16	~~20.57~~ 10.81	~~7.42~~ 4.19
~~2026~~ 2027	~~1.15~~ 3.56	~~31.22~~ 72.66	~~53.64~~ 174.80	~~0.19~~ 0.40	~~5.62~~ 12.86	~~1.76~~ 4.75
2028	0.47	0.69	9.27	0.00	3.22	0.76
2060	1.87	11.26	19.47	0.06	1.49	0.55
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix 4-1A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
The values shown are the maximum summer or winter daily emissions results from the California Emissions Estimator Model (CalEEMod). These estimates reflect control of fugitive dust required by SCAQMD Rule 403.

As shown in Table 4.1-5 daily construction emissions would not exceed the SCAQMD significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during project construction, and short-term construction impacts would be less than significant.

Localized Significance Thresholds Analysis

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. A localized significance threshold (LST) analysis has been prepared to determine potential impacts to nearby sensitive receptors during construction of the project. As indicated in the discussion of the thresholds of significance, SCAQMD recommends the evaluation of localized NO_2, CO, PM_{10}, and $PM_{2.5}$ impacts as a result of construction activities to sensitive receptors in the immediate vicinity of the project site. The impacts were analyzed using methods consistent with those in SCAQMD's Final Localized Significance Threshold Methodology (2008). According to the Final Localized Significance Threshold Methodology, "off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2008). Trucks and worker trips associated with the project are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways since emissions would be relatively brief in nature and would cease once the vehicles pass through the main streets. Nonetheless, if effort to conservatively capture potential vehicle activity within the project boundary (i.e., fence line), a small portion (i.e., 1,000 feet [0.19 miles]) of the off-site vehicle travel for worker vehicles, vendor trucks, and haul trucks were conservatively assumed as on-site emissions for the LST analysis. The allowable emission rates depend on the following parameters:

1. Source-Receptor Area (SRA) in which the project is located
2. Size of the project site
3. Distance between the project site and the nearest sensitive receptor (e.g., residences, schools, hospitals)

The project site is located in SRA 21 (Capistrano Valley). LST pollutant screening level concentration data is currently published for 1-, 2-, and 5-acre sites for varying distances (25, 50, 100, 200, and 500 meters). The SCAQMD "Fact Sheet for Applying CalEEMod to Localized Significance Thresholds" (SCAQMD 2011) provides estimated acres per 8-hour day for crawler tractors, graders, rubber-tired dozers, and scrapers to assist in estimating the maximum number of acres disturbed on the peak day. Because these earth-moving pieces of equipment are anticipated to be used, the estimated maximum acres per day using this approach would be 2 acres. Therefore 2-acre site was assumed for the look-up tables. The nearest sensitive-receptor land use is located approximately 750 feet southeast of the project site. Accordingly, the distance in the LST look-up table of 200 meters is assumed to conduct a conservative analysis. The estimated maximum daily on-site construction emissions generated by the project are presented in Table 4.1-6 and compared to the applicable SCAQMD LSTs.

Table 4.1-6. Localized Significance Thresholds Analysis for Project Construction

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Summer				
~~2025~~ 2026	~~30.49~~ 13.62	~~96.52~~ 82.42	~~0.30~~ 5.78	~~0.29~~ 2.93
~~2026~~ 2027	~~N~~ /~~A~~ 45.13	~~N/A~~ 151.55	~~N/A~~ 2.45	~~N/A~~ 1.36
2028	N/A	N/A	N/A	N/A
2060	11.06	17.36	0.29	0.27
Maximum Daily Emissions	~~30.49~~ 45.13	~~96.52~~ 151.55	~~0.30~~ 5.78	~~0.29~~ 2.93

Table 4.1-6. Localized Significance Thresholds Analysis for Project Construction

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Winter				
2026 ~~2025~~	~~34.46~~ 5.35	~~160.43~~ 28.01	~~8.30~~ 1.80	~~4.09~~ 0.97
2027 ~~2026~~	~~14.98~~ 42.14	~~44.20~~ 125.66	~~0.13~~ 5.64	~~0.13~~ 2.89
2028	N/A	N/A	N/A	N/A
2060	11.06	17.36	0.29	0.27
Maximum Daily Emissions	~~34.46~~ 42.14	~~160.43~~ 125.66	~~8.30~~ 5.64	~~4.09~~ 2.89
SCAQMD LST	*165*	*2,615*	*55*	*22*
LST Exceeded?	No	No	No	No

Source: SCAQMD 2008.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; N/A = not applicable or available; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
Localized significance thresholds are shown for a 2-acre project site corresponding to a distance to a sensitive receptor of 200 meters.

As shown in Table 4.1-6, proposed construction activities would not generate emissions in excess of site-specific LSTs for NO_x, CO, PM_{10}, and $PM_{2.5}$.

Construction GHG emissions

Construction of the Project would result in emissions of GHG emissions primarily associated with use of off-road construction equipment, on-road haul and vendor (material delivery) truck trips, and worker vehicle trips. A detailed depiction of the construction schedule—including information regarding phasing, equipment used during each phase, haul trucks, vendor trucks, and worker vehicles—is included in Appendix 4.1A. Table 4.1-7 shows the estimated annual GHG construction emissions associated with the Project. Complete details of the construction emissions calculations are provided in Appendix 4.1A.

Table 4.1-7. Estimated Annual Construction GHG Emissions

Year	CO2	CH4	N2O	CO2e
	Metric Tons			
~~2024~~2026	~~3,894.52~~ 342.15	~~0.20~~ 0.01	~~0.32~~ 0.01	~~3,998.85~~ 345.32
~~2025~~2027	~~576.76~~ 3,047.90	~~0.03~~ 0.15	~~0.06~~ 0.21	~~596.54~~ 3,117.03
~~2060~~2028	~~307.98~~ 16.39	<0.01	<0.01	~~309.26~~ 16.60
2060	485.77	0.02	<0.01	487.67
Total	~~4,779.26~~ 3,892.21	~~0.24~~ 0.18	~~0.39~~ 0.22	~~4,950.65~~ 3,966.62
			Amortized Emissions (30 years)	~~*163.45*~~ *132.22*

Source: CalEEMod Version 2022.1.
Notes: GHG = greenhouse gas; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent. See Appendix 4.1A for complete results. <0.01 = reported value is less than 0.01.

As shown in Table 4.1-7, the estimated total GHG emissions from construction of the Project would be approximately ~~2,832~~3,967 MT CO_2e. When amortized over 30 years, the estimated annual GHG emissions from construction of the Project would be approximately ~~163~~ 132 MT CO_2e per year.

4.1.3.6 Operational Emissions

Operation of the proposed project would generate VOC, NO_x, CO, SO_x, PM_{10}, $PM_{2.5}$ and GHG emissions from area sources, energy sources mobile sources and off-road equipment, which are discussed below. Emissions from these sources were estimated based on California Emissions Estimator Model (CalEEMod) default assumptions for operations of the proposed project land uses. It was assumed that the project would be operational following the completion of construction, which would occur in 2026.

Area Sources

The area source category calculates direct sources of air pollutant emissions located at the project site, including consumer product use and landscape maintenance equipment. CalEEMod defaults were used to estimate emissions from area sources during operation of the project.

Consumer products are various solvents used in non-industrial applications that emit VOCs during their product use, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Consumer product VOC emissions are estimated in CalEEMod based on the floor area of buildings and on the default factor of pounds of VOC per building square foot per day. The CalEEMod default utilization rates and emission factors were assumed.

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chainsaws, and hedge trimmers, as well as air compressors and pumps. The emissions associated from landscape equipment use were estimated using CalEEMod. The emission factors are multiplied by the number of summer days that represent the number of operational days.

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site. The project does not include the use of natural gas during operation. Therefore, no emissions associated with energy sources were quantified for the air quality analysis. The estimated annual electricity consumption from the project was provided by the applicant and assumed to be 10,950 megawatt-hours per year. This estimate includes all energy demand to power HVAC equipment associated with BESS cooling and energy loss from charging and discharging the BESS.

Mobile Sources

Following the completion of construction activities, the project would generate criteria pollutant emissions from mobile sources (vehicular traffic) as a result of the periodic maintenance of the project. The project was assumed to require up to 2 employees visiting the BESS facility sites 1 day a week for maintenance. The estimated trip lengths and trip modes were based on data provided by the project applicant. CalEEMod was used to estimate emissions from proposed vehicular sources (refer to Appendix 4.1A). CalEEMod default data, including temperature, trip characteristics, variable start information, and emissions factors, were conservatively used for the model inputs. Project-related traffic was assumed to include a mixture of vehicles in accordance with the associated use, as modeled within CalEEMod, which is based on the CARB EMFAC2021 model. Emission factors representing the vehicle mix and emissions for 2026 were used to estimate emissions associated with vehicular sources.

Off-Road Sources

During irregular maintenance, the project may require the movement or replacement of battery enclosures during the lifetime of the project. As such, the use of one crane was assumed to assist the lifting and movement of the BESS containers. CalEEMod was used to estimate criteria air pollutant emissions of the crane assuming 8 hours of operation on 1 day every year.

Solid Waste

The Project would generate solid waste from the on-site employees, and therefore, result in CO_2e emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste.

Water and Wastewater

Water consumption estimates for the operations and maintenance building for both indoor and outdoor water use were estimated using CalEEMod default values. Electricity use for water supply is based on the electric pump rating, pump flow rate, electricity intensity factors from CalEEMod for the County, and the indoor and outdoor water use default values in CalEEMod.

Criteria Air Pollutant Operational Emissions

Table 4.1-8 presents the unmitigated maximum daily emissions associated with the operation of the project in 2026 after all phases of construction have been completed. Complete details of the emissions calculations are provided in Appendix 4.1A. Emissions represent maximum of summer and winter. “Summer” emissions are representative of the conditions that may occur during the ozone (O_3) season (May 1 to October 31), and “winter” emissions are representative of the conditions that may occur during the balance of the year (November 1 to April 30).

Table 4.1-8. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions

Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
Mobile	0.01	~~0.09~~ 0.08	~~0.19~~ 0.17	<0.01	0.06	0.02

Table 4.1-8. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions

Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Area	0.03	<0.01	0.04	<0.01	<0.01	<0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	~~0.37~~ 0.35	~~3.45~~ 3.01	~~3.07~~ 3.06	<0.01	~~0.14~~ 0.12	~~0.13~~ 0.11
Total	~~0.41~~ 0.39	~~3.54~~ 3.09	~~3.30~~ 3.27	~~0.01~~ 0.01	~~0.20~~ 0.19	~~0.15~~ 0.13
Winter						
Mobile	0.01	0.09	~~0.17~~ 0.15	<0.01	0.06	0.02
Area	0.02	N/A	N/A	N/A	N/A	N/A
Energy	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	~~0.37~~ 0.35	~~3.45~~ 3.01	~~3.07~~ 3.06	0.01	~~0.14~~ 0.12	~~0.13~~ 0.11
Total	~~0.40~~ 0.38	~~3.54~~ 3.09	~~3.24~~ 3.21	~~0.01~~ 0.01	~~0.20~~ 0.19	~~0.15~~ 0.13
Maximum Daily Emissions						
Maximum	~~0.41~~ 0.39	~~3.54~~ 3.09	~~3.30~~ 3.27	0.01	~~0.20~~ 0.19	~~0.15~~ 0.13
SCAQMD threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; N/A = not applicable or available; SCAQMD = South Coast Air Quality Management District. <0.01 = reported value is less than 0.01.
See Appendix 4.1A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. Columns may not add due to rounding.

As shown in Table 4.1-8, daily operational emissions for the project would not exceed SCAQMD's significance thresholds for any criteria air pollutant. Therefore, the project would result in a **less-than-significant impact** related to emissions of criteria air pollutant emissions during operation.

GHG Operational Emissions

Table 4.1-9 shows the estimated annual GHG operational emissions associated with the Project. Total annual operational emissions were calculated in CalEEMod and combined with amortized (30 years) construction emissions.

Table 4.1-9. Estimated Annual Operational GHG Emissions

Emissions Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Area	0.02	<0.01	<0.01	0.02
Energy	224.00	0.16	0.02	234.02
Mobile	~~2.57~~ 2.46	<0.01	<0.01	~~2.66~~ 2.55
Waste	0.11	0.01	0.00	0.39
Water	0.19	0.01	<0.01	0.44
Off-Road	0.45	<0.01	<0.01	0.45
Refrigerants	-	-	-	89.42
			Amortized Construction Emissions (30 years)	~~*163.45*~~ *132.22*

Table 4.1-9. Estimated Annual Operational GHG Emissions

Emissions Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Total Project Emissions				~~490.84~~ 459.50

Source: See Appendix 4.1A for complete results.
Notes: GHG = greenhouse gas; MT = metric tons; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent. <0.01 = reported value is less than 0.01.
1 Includes sulfur hexafluoride (SF_6) gas emissions from leakage.

As shown in Table 4.1-9, implementation of the Project would result in approximately ~~491~~ 460 MT CO_2e per year including amortized construction emissions. Complete details of the construction emissions calculations are provided in Appendix 4.1A.

4.1.4 Best Available Control Technology Evaluation

4.1.4.1 Current Control Technologies

BACT will be met by purchasing engines certified to meet EPA Tier 4 emissions for the applicable size and type of engine. Based on the proposed engines for project operation, Table 4.1-10 shows emission limits must be met per SCAQMD BACT Guidelines for Non-Major Polluting Facilities.

Table 4.1-10. SCAQMD BACT Guidelines for Non-major Polluting Facilities – Portable Engines[a]

Subcategory	Rating Size (horsepower)	Criteria Air Pollutants (g/kW-hr)					
		VOCs	NO_x	NO_x + NMHC[b]	SO_x	CO	PM[c]
Compression Ignition[d]	50 <HP>75	NA	NA	4.7	Sulfur content no greater than 0.0015% by weight	5.0	0.03
	75<HP>175		0.40	0.19		5.0	0.02
	175<HP>750[e]		0.4	0.19		3.5	0.02
	>750 HP		3.5	0.4		3.5	0.10
Spark Ignition	All	1.5	1.5	NA	NA	.20	NA

Source: SCAQMD 2022b.
Notes: g/kW-hr = grams per kilowatt hour; VOCs = volatile organic compounds; NO_x = oxides of nitrogen; NMHC = non-methane hydrocarbons; SO_x = sulfur oxides; CO = carbon monoxide; PM = particulate matter; HP = horsepower; NA = not applicable.
a BACT for portable engines is determined by deemed complete date of permit application, not date of manufacture or installation.
b NMHC + NO_x means the sum of non-methane hydrocarbons and oxides of nitrogen emissions, unless specified as "NMHC only," which only includes NMHC emissions.
c The PM limits in the table only apply to filterable PM. [d] The engine must be certified by EPA or CARB to meet the Tier 4 emissions requirements of 40 CFR part 89 – Control of Emissions from New and In-use Nonroad Compression-Ignition Engines shown in the table or otherwise demonstrate that it meets the Tier 4 emissions limits. If, because of the averaging, banking, and trading program, there is no new engine from any manufacturer that meets the above standards, then the engine must meet the family emissions limits established by the manufacturer and approved by the EPA. Based on the model year, the CARB Airborne Toxic Control Measure for portable diesel engines requires in-use portable diesel engines to be certified to Tier 1, 2, 3, or 4 by their respective deadlines, all of which have passed.
e CARB has extended the Tier 4 Final requirements deadline "until further notice" for Portable, Compression-Ignition Engines for HP > 750.

4.1.4.2 Proposed Best Available Control Technology

No permitted stationary or portable emission sources are proposed as part of the project operation. Therefore, BACT requirements are not applicable to the operation of the project.

4.1.5 Air Quality Impact Analysis

This section discusses the methodology and analysis results. The spatial extent and magnitude of ground-level emissions concentrations resulting from construction of the project. The maximum-modeled concentrations were added to the maximum background concentrations to access against the applicable thresholds. Dispersion modeling methods follow the EPA approved methods established in 40CFR Part 51 Appendix W and SCAQMD Modeling Guidance for AERMOD (SCAQMD n.d.).

4.1.5.1 Climate and Meteorology

Air Quality

The SCAB is characterized as having a Mediterranean climate (typified as semiarid with mild winters, warm summers, and moderate rainfall). The general region lies in the semi-permanent high-pressure zone of the eastern Pacific; as a result, the climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds.

Moderate temperatures, comfortable humidity, and limited precipitation characterize the climate in the SCAB. The average annual temperature varies little throughout the SCAB, averaging 75°F. However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have recorded temperatures over 100° F in recent years. Although the SCAB has a semiarid climate, the air near the surface is moist because of the presence of a shallow marine layer. Except for infrequent periods when dry air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as “high fog,” are a characteristic climate feature. Annual average relative humidity is 70% at the coast and 57% in the eastern part of the SCAB. Precipitation in the SCAB is typically 9 to 14 inches annually and is rarely in the form of snow or hail because of typically warm weather. Most of the rainfall in Southern California occurs between late fall and early spring, with most rain typically occurring in the months of January and February (SCAQMD 2017).

GHGs

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet’s system. Many factors, both natural and human, can cause changes in Earth’s energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth’s atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth’s atmosphere (EPA 2023c).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth’s surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth; the Earth emits a portion of this energy in the form of long-wave radiation; and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and

toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes, such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-20th century and is the most significant driver of observed climate change (IPCC 2014; EPA 2023c). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2014). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2014). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.1.5, Potential Effects of Climate Change.

4.1.5.2 Dispersion Modeling Methodology

Construction Modeling Scenario

See Section 4.1.3.5 for a discussion of the construction modeling scenario.

Operational Modeling Scenario

The project will include the development of an approximately 250 MW BESS and associated infrastructure. A BESS is a stationary equipment that receives electrical energy and then utilizes batteries to store that energy to supply electrical energy at a future time. Power released or captured by the proposed project will be transferred to and from the SDG&E Trabuco to Capistrano 138 kV transmission line via a loop-in generation transmission line that will interconnect to an SDG&E switchyard to be constructed within the project site. The project will consist of lithium-ion batteries, installed in racks and contained inside non-habitable enclosures; inverters; MV transformers; an SDG&E switchyard; a project substation; and other associated equipment. The project site would be monitored remotely and would only require periodic maintenance. Therefore, the proposed project would not result in regular on-site emissions during normal operation, and emission concentrations are anticipated to be less than those from construction. Therefore, no operational modeling was conducted.

Emissions Inventory

As discussed in Section 4.1.3.5, construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (e.g., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement). Specifically, entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. Internal combustion engines used by construction equipment, haul trucks, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOC, NO_x, CO, PM_{10}, and $PM_{2.5}$. CalEEMod Version 2022.1 was used to estimate emissions from construction of the proposed project. Detailed emissions assumptions can be found in Appendix 4.1A.

4.1.5.3 Additional Model Selection

Additional models/programs described below were used to quantify pollutant impacts on the surrounding environment based on the emission sources operating parameters and their locations.

- CalEEMod is a statewide computer model developed in cooperation with air districts throughout the state to quantify criteria air pollutant and GHG emissions associated with construction activities and operation of a variety of land use projects, such as residential, commercial, and industrial facilities. CalEEMod input parameters, including the land use type used to represent the project and its size, construction schedule, and anticipated use of construction equipment, were based on information provided by the applicant or default model assumptions if project specifics were unavailable.
- HARP Air Dispersion Modeling and Risk Tool (version ~~21081~~22118) was used to estimate human health risks related to cancer, chronic non-cancer, and acute health effects. More discussion about HARP is provided in Section 4.9, Public Health.

4.1.5.4 Modeling Parameters

The dispersion modeling was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD), which is the model SCAQMD requires for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain (EPA 2023b). Principal parameters of this modeling are presented in Table 4.1-11.

Table 4.1-11. AERMOD Principal Parameters

Parameter	Details
Meteorological Data	The latest ~~3~~5-year meteorological data (~~2011~~2017 – 20~~14 and 2016~~21) for the Mission Viejo Station were obtained from SCAQMD as the recommended meteorological station and input to AERMOD.
Urban versus Rural Option	Urban areas typically have more surface roughness, as well as structures and low-albedo surfaces that absorb more sunlight—and thus more heat—relative to rural areas. Per the SCAQMD guidelines, the land use procedure from 4.4.1 of the OEHHA Guidance Manual indicated that urban dispersion was appropriate for the project site.
Terrain Characteristics	The elevation of the modeled site is 67 meters above sea level. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate.
Elevation Data	Digital elevation data were imported into AERMOD, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with a 30-meter resolution.
Emission Sources and Release Parameters	Air dispersion modeling from construction equipment was conducted using emissions estimated using CalEEMod, assuming emissions would occur 8 hours per day, 5 days per week. Vehicle trips were modified to account only for emissions occurring within 0.25 miles of the project site (SJVAPCD 2018). The proposed project area was modeled as a series of adjacent line-volume sources.
Source Release Characterizations	The modeled line of volume sources was placed to cover the site for exhaust emissions. A plume height dimension of 10 meters, a plume width dimension of 10 meters, and a release height of 5 meters was assumed for off-road equipment and diesel trucks (SCAQMD 2008).

Table 4.1-11. AERMOD Principal Parameters

Parameter	Details
Receptors	For the air quality impact assessment, ~~A~~ a cartesian plant boundary with 25-meter spacing was placed around the project site. A uniform cartesian grid of 50-meter spacing was placed out to 500 meters from the project site, and a uniform cartesian grid of 100-meter spacing was placed out to 1,000 meters from the project site (SCAQMD n.d.).
~~Variable Emissions~~	~~The variable emissions scenario was used to limit the emissions from construction in accordance with the noise ordinance of the City of San Juan Capistrano Municipal Code, Title 9, Chapter 3, Article 5, which limits construction from 6:00 p.m. to 7:00 a.m. on Monday through Friday, or from 4:30 p.m. to 8:30 a.m. on Saturday.~~

Notes: AERMOD = American Meteorological Society/EPA Regulatory Model; SCAQMD = South Coast Air Quality Management District; CalEEMod = California Emissions Estimator Model.
See Appendix 4.1B for additional information.

All NO_2 concentrations were estimated using the Ambient Ratio Method Version 2 (ARM2), which is a regulatory default option and commonly used in practice. The default minimum NO_2/NO_x conversion ratio of 0.5 and maximum conversion ratio of 0.9 were used for both 1-hour and annual averaging periods. There are no point sources associated with construction or operation of the project. Therefore, stack height analysis is not applicable. All pollutants were modeled in accordance with their respective ambient air quality standards (AAQS) averaging times.

Monitoring data for the SCAB were obtained via the SCAQMD's Historical Data by Year for comparison to applicable AAQSs. Modeled maximum 24-hour and annual concentrations of PM_{10} and $PM_{2.5}$ were compared directly to the significant change thresholds of 2.5 and 1.0 micrograms/cubic meter, respectively.

The most recent 3 years of available monitoring data were used to develop background concentration values. For all CAAQS and most NAAQS pollutants, the maximum value from the most recent 3 years were used except for the NAAQS pollutants with special design values including the 1-hour NO_2 (3-year average of the 98th percentile of the daily maximum 1-hour average) and 1-hour SO_2 (3-year average of the 99th percentile of the daily maximum 1-hour average) (SCAQMD n.d.).

4.1.5.5 Background Air Quality

Ambient Air Quality Standards

Criteria air pollutants are defined as pollutants for which the federal and state governments have established AAQS, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, NO_2, CO, SO_2, PM_{10}, $PM_{2.5}$, and lead. The federal government and state government have established NAAQS and CAAQS, respectively, for each of these pollutants. The CAAQS are generally more restrictive than the NAAQS. The NAAQS and CAAQS are presented in Table 4.1-12, Ambient Air Quality Standards.

Table 4.1-12. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
Ozone (O_3)	1 hour	0.09 ppm (180 µg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
Nitrogen dioxide (NO_2)[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
Carbon monoxide (CO)	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
Sulfur dioxide (SO_2)[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
Course Particulate Matter (PM_{10})[i]	24 hours	50 µg/m³	150 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m³	—	
Fine Particulate Matter ($PM_{2.5}$)[i]	24 hours	—	35 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m³	9µg/m³	15.0 µg/m³
Lead[j,k]	30-day Average	1.5 µg/m³	—	—
	Calendar Quarter	—	1.5 mg/m³ (for certain areas)k	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 mg/m3	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m3)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 µg/m3)	—	—
Sulfates	24 hours	25 µg/m3	—	—
Visibility-reducing particles	8 hour (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to particles when the relative humidity is less than 70%	—	—

Source: CARB 2016.

Notes: ppm = parts per million by volume; µg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; PST = Pacific Standard Time.

[a] California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter—PM_{10}, $PM_{2.5}$, and visibility-reducing particles—are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 μg/m³ is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C) and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

[e] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the primary and secondary NAAAQS for O_3 were lowered from 0.075 ppm to 0.070 ppm.

[g] To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 μg/m³ to 12.0 μg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 μg/m³, as was the annual secondary standard of 15 μg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 μg/m³ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as toxic air contaminants (TACs) with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 μg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

Criteria Air Pollutant Health Effects

Criteria air pollutants and their health effects are discussed in the following paragraphs.[1]

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly NO_x and VOCs. The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the troposphere (ground-level O_3).2 The O_3 that EPA and CARB regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the

[1] The descriptions of the criteria air pollutants and associated health effects are based on EPA's "Criteria Air Pollutants" (EPA 2023c), as well as CARB's "Glossary" (CARB 2023a).

[2] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2023b).

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in, thereby causing shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies on the effects of O_3 on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents, and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2023b).

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide, which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers.

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher levels of exposure compared to children with lower exposure levels. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2023c).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships,

aircraft, and trains. In urban areas, such as the project location, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2023d).

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 part ppm) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. Older people and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2023e.

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in particulate matter (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in airflow resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and

industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as SO_x, NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the bloodstream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas PM_{10} tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hour duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and worldwide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017).

Long-term exposure (months to years) to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer (CARB 2017).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient (IQ) performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Greenhouses and other Climate Forcing Substances

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. GHGs include, but are not limited to, carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), ozone (O_3), water vapor, hydrofluorocarbons (HFCs), hydrochlorofluorocarbons (HCFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3) (see also 14 CCR 15364.5).[3] Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted to the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption potential than CO_2, include fluorinated gases, such as HFCs, HCFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[4]

Carbon Dioxide (CO_2). CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are from the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane (CH_4). CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide (N_2O). N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (such as in rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric ozone-depleting substances (e.g., CFCs, HCFCs, and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.

[3] Climate forcing substances include GHGs and other substances such as black carbon and aerosols.

[4] The descriptions of GHGs are summarized from the IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2018), and EPA's "Climate Change" (2022).

- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

Chlorofluorocarbons (CFCs). CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

Hydrochlorofluorocarbons (HCFCs). HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of fine particulate matter, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential. Diesel particulate matter emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining diesel particulate matter from the California Air Resources Board's (CARB's) regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone (O_3). Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

Ambient Air Quality Monitoring Data

The SCAQMD operates a network of ambient air monitoring stations throughout the SCAB, which measure ambient concentrations of pollutants and determine whether the ambient air quality meets the CAAQS and the NAAQS. The Mission Viejo monitoring station represents the closest monitoring station to the project for O_3, CO, PM_{10}, and $PM_{2.5}$.

The Anaheim monitoring station represents the closest monitoring station to the project for NO_2; and the Los Angeles monitoring station represents the closest station to the project for SO_2. Ambient concentrations of pollutants from 2020 through 2022 are presented in Table 4.1-13.

Table 4.1-13. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	AAQS	Measured Concentration by Year			Exceedances by Year		
					~~2020~~ 2022	~~2021~~ 2023	~~2022~~ 2024	~~2020~~ 2022	~~2021~~ 2023	~~2022~~ 2024
Ozone (O_3)										
~~Mission Viejo~~ Anaheim	ppm	Maximum 1-hour concentration	State	0.09	0.102 ~~0.171~~	~~0.105~~ 0.089	~~0.110~~ 0.104	~~20~~ 1	~~2~~ 0	~~1~~ 3
	ppm	Maximum 8-hour concentration	State	0.070	0.077 ~~0.123~~	~~0.082~~ 0.077	~~0.089~~ 0.079	~~34~~ 1	~~8~~ 2	~~6~~ 3
			Federal	0.070	0.076 ~~0.122~~	~~0.081~~ 0.076	~~0.088~~ 0.079	~~32~~ 1	~~8~~ 2	~~5~~ 3
Nitrogen Dioxide (NO_2)										
Anaheim	ppm	Maximum 1-hour concentration	State	0.18	0.053 ~~0.069~~	~~0.072~~ 0.050	~~0.062~~ 0.053	0	0	0
			Federal	0.100	0.053 ~~0.069~~	0.051 ~~0.072~~	~~0.062~~ 0.053	0	0	0
	ppm	Annual concentration	State	0.030	0.011 ~~0.018~~	~~0.019~~ 0.010	~~0.018~~ 0.010	N/A	N/A	N/A
			Federal	0.053	0.012 ~~0.019~~	~~0.019~~ 0.010	~~0.019~~ 0.011	N/A	N/A	N/A
Carbon Monoxide (CO)										
~~Mission Viejo~~ Anaheim	ppm	Maximum 1-hour concentration	State	20	2.6 ~~1.7~~	2.4 ~~1~~	3.3 ~~1~~	0	0	0
			Federal	35	2.6 ~~1.7~~	2.4 ~~1~~	3.3 ~~1~~	0	0	0
	ppm	Maximum 8-hour concentration	State	9.0	1.9 ~~0.8~~	1.9 ~~0.8~~	2.8 ~~1~~	N/A	N/A	N/A
			Federal	9	1.9 ~~0.8~~	1.9 ~~1.8~~	2.8 ~~1~~	N/A	N/A	N/A
Sulfur Dioxide (SO_2)										
~~Los Angeles~~ Signal Hill	ppm	Maximum 1-hour concentration	Federal	0.075	0.006 ~~0.006~~	0.023 ~~0.007~~	0.008 ~~0.006~~	0	0	0
	ppm	Maximum 24-hour concentration	State	0.04	0.002 ~~0.009~~	0.005 ~~0.001~~	0.002 ~~0.001~~	0	0	0
			Federal	0.140	0.002 ~~0.009~~	0.005 ~~0.001~~	0.002 ~~0.001~~	0	0	0

Table 4.1-13. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	AAQS	Measured Concentration by Year			Exceedances by Year		
					~~2020~~ 2022	~~2021~~ 2023	~~2022~~ 2024	~~2020~~ 2022	~~2021~~ 2023	~~2022~~ 2024
	ppm	Annual concentration	Federal	0.030	0.001 ~~0.001~~	0.000 3 ~~0.001~~	0.000 3 ~~0.000~~ 4	N/A	N/A	N/A
Coarse Particulate Matter (PM_{10})[a]										
~~Mission Viejo~~ Anaheim	µg/ m^3	Maximum 24-hour concentration	State	50	66.7 ~~55.1~~	~~34.6~~ 99.4	~~30.4~~ 42.7	ND ~~2~~	ND ~~0~~	ND
			Federal	150	67.0 ~~56.2~~	~~35.2~~ 97.8	~~31.0~~ 118.9	ND	ND ~~0~~	ND
	µg/ m^3	Annual concentration	State	20	20.9 ~~ND~~	~~15.8~~ 20.6	~~ND~~ 27.7	N/A	N/A	N/A
Fine Particulate Matter ($PM_{2.5}$)[a]										
~~Mission Viejo~~ Anaheim	µg/ m^3	Maximum 24-hour concentration	Federal	35	33.1 ~~46.6~~	~~32.6~~ 45.6	~~22.6~~ 49.7	0 ~~3~~	~~0~~ 1	~~0~~ 5
	µg/ m^3	Annual concentration	State	12	9.9 ~~ND~~	~~ND~~ND	~~ND~~ 10.5	N/A	N/A	N/A
			Federal	~~12~~ 9.0	9.8 ~~9.3~~	~~9.7~~ 9.1	~~9.0~~ 10.5	N/A	N/A	N/A

Sources: CARB 2023f, EPA 2023d.

Notes: ppm = parts per million; N/A = not available or applicable; µg/m^3 = micrograms per cubic meter; ND = insufficient data available to determine the value.

Data taken from CARB iADAM (http://www.arb.ca.gov/adam) and EPA AirData (http://www.epa.gov/airdata/) represent the highest concentrations experienced over a given year.

Exceedances of federal and state standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed federal or state standards during the years shown. There is no federal standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a state 24-hour standard for $PM_{2.5}$.

The Mission Viejo monitoring station is located 26081 Via Pera, Mission Viejo, California 92691.

The Anaheim monitoring station is located at 812 W. Vermont Street, Anaheim, California 92802.

The ~~Los Angeles~~Signal Hill monitoring station is located at ~~7201 W. Westchester Parkway~~1710 E. 20th Street, ~~Los Angeles~~Signal Hill, California ~~90045~~90806.

[a] Measurements of PM_{10} and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored.

4.1.6 Air Quality Analyses

The following sections present the analyses for determining the changes to ambient air quality concentrations in the region of the proposed project. These analyses are comprised of a screening assessment to determine the worst-case emissions from construction of the proposed project (the most intensive period of air pollutant emissions). Cumulative multisource modeling assessments, which are used to analyze the proposed project plus nearby existing sources, is not proposed because the only air emission sources present are intended from construction.

4.1.6.1 Construction Impact Analysis

The screening analysis consists of evaluating modeled project emissions against the significant impact levels (SILs) established by the EPA to determine if a project's criteria air pollutant emissions are considered inconsequential in comparison to the NAAQS. If the SILs are not exceeded, then a project's impacts would be considered insignificant, and no further analysis would be required. For completeness, this analysis also evaluates project emissions to the CAAQS and NAAQS. Modeled concentrations are compared to the SILs in Table 4.1-14. All maximum facility impacts occurred at the ambient boundary, and the estimated concentrations are all below the applicable SILs.

Table 4.1-14. Air Quality Impact Results – Significant Impact levels

Pollutant	Averaging Time	Project Maximum Concentration (µg/m³)	Class II SIL (µg/m³)
Nitrogen dioxide (NO_2)	1 hour	~~80.03~~ 3.5	7.5
	Annual	~~7.05~~ 1.7	1
Carbon monoxide (CO)	1 hour	~~425.40~~ 19.1	2,000
	8 hours	~~119.01~~ 11.7	500
Sulfur dioxide (SO_2)	1 hour	~~0.47~~ 0.03	7.86
	3 hours	~~0.38~~ 0.02	25
	24 hours	~~0.10~~ 0.01	5
Course Particulate Matter (PM_{10})	24 hours	0.44~~0~~0.2	5
	Annual	0.1~~9~~1	1
Fine Particulate Matter ($PM_{2.5}$)	24 hours	0.2~~5~~1	1.2
	Annual	0.1~~2~~	0.13

Notes: CAAQS are not listed because the SIL does not apply to CAAQS. µg/m3 = micrograms per cubic meter; SIL = Significant Impact Level.

As shown in Table 4.1-14, the maximum concentrations related by the project would not exceed the SILs established by the EPA for NO_2, CO, SO_2, PM_{10}, and $PM_{2.5}$. ~~However, the SIL for NO_x would exceed during construction for both the 1-hour and annual averaging. Because the SIL was exceed for NO_x,~~The maximum combined concentrations (modeled + background) are evaluated in Table 4.1-15.

Table 4.1-15. Air Quality Impact Results – Ambient Air Quality Standards

Pollutant	Averaging Time	Project Maximum Concentration (µg/m³)	Background Concentration (µg/m³)	Total Concentration (µg/m³)	Ambient Air Quality Standard (µg/m³)	
					CAAQS	NAAQS
Nitrogen dioxide (NO_2)	1 hour	3.5 ~~80.03~~	107.4 ~~95.94~~	~~175.97~~ 110.9	339	N/A
	1 hour	3.5 ~~80.03~~	107.4 ~~95.94~~	~~175.97~~ 110.9	N/A	188
	Annual	1.7 ~~7.05~~	24.6 ~~25.00~~	~~32.05~~ 26.3	57	100
Carbon monoxide (CO)	1 hour	19.1 ~~425.40~~	3,780.5 ~~2,760~~	~~3,185.40~~ 3,799.6	23,000	40,000

Table 4.1-15. Air Quality Impact Results – Ambient Air Quality Standards

Pollutant	Averaging Time	Project Maximum Concentration (µg/m³)	Background Concentration (µg/m³)	Total Concentration (µg/m³)	Ambient Air Quality Standard (µg/m³)	
					CAAQS	NAAQS
	8 hours	11.7 ~~119.01~~	3,207.7~~1,955~~	~~2,074.01~~ 3,219.4	10,000	10,000
Sulfur dioxide (SO_2)[a]	1 hour	0.03 ~~0.47~~	32.3 ~~20.61~~	~~21.08~~ 32.33	655	N/A
	24 hours	0.01 ~~0.10~~	13.1 ~~3.14~~	~~3.24~~ 13.11	105	N/A
Course Particulate Matter (PM_{10})	24 hours	0.2 ~~0.44~~	118.9 ~~120.00~~	~~120.44~~ 119.1	50	N/A
	Annual	0.1 ~~0.19~~	27.7 ~~23.90~~	~~24.09~~ 27.8	20	N/A
Fine Particulate Matter ($PM_{2.5}$)	24 hours	0.1 ~~0.25~~	49.7 ~~54.40~~	~~54.65~~ 49.8	–	35
	Annual	0.1 ~~0.12~~	10.5 ~~11.44~~	~~11.56~~ 10.6	12	9
Sulfate	24 hour	0.01 ~~0.10~~	5.10	5.20	25	N/A
Lead	Rolling 3-month average	0.01 ~~0.002~~	0.012	0.~~014~~022	N/A	0.15
	30-day average	0.001 ~~0.002~~	0.016	0.~~018~~017	1.5	N/A

Notes: µg/m3 = micrograms per cubic meter; CAAQS = California Ambient Air Quality Standards; NAAQS = National Ambient Air Quality Standards; PM_{10} = particulate matter less than 10 microns; $PM_{2.5}$ = particulate matter less than 2.5 microns; N/A = not applicable or available.

[a] Results for SO_2 and CO are reported as the H1H even though the NAAQS allows other forms of compliance. Using the H1H is a more conservative approach.

As shown in Table 4.1-15, the proposed project would not exceed the CAAQS for NAAQS after accounting for background concentrations for all criteria air pollutants except for PM_{10} CAAQS and $PM_{2.5}$ NAAQS. The exceedances for PM_{10} and $PM_{2.5}$ are due to the high level of background concentrations that already exceed the CAAQS and NAAQS. As shown in Table 4.1-14, the project would not exceed the SIL for both the 24-hour and annual PM_{10} concentrations and $PM_{2.5}$ 24-hour and annual concentrations. Additionally, these emissions would be temporary and short-term construction-related emissions. Therefore, impacts would be **less than significant.**

4.1.6.2 Operational Impact Analysis

A BESS is a stationary equipment that receives electrical energy and then utilizes batteries to store that energy to supply electrical energy at a future time. Power released or captured by the proposed project will be transferred to and from the SDG&E Trabuco to Capistrano 138 kV transmission line via a loop-in generation transmission line that will interconnect to an SDG&E switchyard to be constructed within the project site. The project will consist of lithium-ion batteries, installed in racks and contained inside non-habitable enclosures; inverters; MV transformers; an SDG&E switchyard; a project substation; and other associated equipment. The project site would be monitored remotely and would only require periodic maintenance. Therefore, the proposed project would not result in regular on-site emissions during normal operation and emission concentrations are anticipated to be less than those from construction. Therefore, no operational modeling was conducted.

4.1.6.3 BESS Commissioning Impact Analysis

Commissioning of the project is not anticipated to have any additional impacts beyond what has been considered for operation or result in greater intensity of activity than construction, so a separate commissioning impact analysis is not provided.

4.1.6.4 Fumigation Analysis

The project is located approximately 4.5 miles (7.2 kilometers) from the nearest large body of water (Pacific Ocean). Shoreline fumigation analysis is not relevant more than 3 kilometers from a large body of water, so shoreline fumigation was not run. Inversion break-up fumigation was considered; however, the AERSCREEN model will only consider fumigation for point sources with release heights 10 meters or more above ground level. Because the project was modeled as volume line sources, an inversion-break up fumigation model cannot be run.

4.1.7 Laws, Ordinances, Regulations, and Statutes

The project applicant would ensure compliance with laws, ordinances, regulations, and statutes of all applicable federal, state, local and administering agencies pertaining to air quality issues.

4.1.7.1 Federal

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the Clean Air Act, including setting NAAQS for major air pollutants; setting HAP standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the NAAQS within mandated time frames.

4.1.7.2 State

In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established CAAQS, which are generally more restrictive than the NAAQS. As stated previously, an AAQS defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor

air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered "in attainment" if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded.

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

4.1.7.3 Air Pollution Control District

While CARB is responsible for the regulation of mobile emissions sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. SCAQMD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SCAB, where the project is located. SCAQMD operates monitoring stations in the SCAB, develops rules and regulations for stationary sources and equipment, prepares emissions inventory and air quality management planning documents, and conducts source testing and inspections. SCAQMD's Air Quality Management Plan (AQMP) includes control measures and strategies to be implemented to attain the CAAQS and NAAQS in the SCAB. SCAQMD then implements these control measures as regulations to control or reduce criteria pollutant emissions from stationary sources or equipment.

The 2022 AQMP was adopted on December 2, 2022, and was developed to address the 2015 national ozone standard. The 2022 AQMP provides the regional path towards improving air quality and meeting federal standards for air pollutants. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_x technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other Clean Air Act measures to achieve the 2015 federal ozone standard (SCAQMD 2022a).

Applicable Rules

Emissions that would result from project construction may be subject to SCAQMD rules and regulations, which may include the following.

Rule 401 – Visible Emissions. This rule establishes the limit for visible emissions from stationary sources for a period or periods aggregating more than 3 minutes in any hour. This rule prohibits visible emissions dark or darker than Ringelmann No. 1 for periods greater than 3 minutes in any hour or such opacity which could obscure an observer's view to a degree equal or greater than does smoke.

Rule 402 – Nuisance. This rule prohibits the discharge of air pollutants from a facility that cause injury, detriment, nuisance, or annoyance to the public or damage to business or property.

Rule 403 – Fugitive Dust. This rule requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible particulate matter from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust.

Rule 431.2 – Sulfur Content of Liquid Fuels. The purpose of this rule is to limit the sulfur content in diesel and other liquid fuels for the purpose both of reducing the formation of SO_x and particulates during combustion and of enabling the use of add-on control devices for diesel-fueled internal combustion engines. The rule applies to all refiners, importers, and other fuel suppliers such as distributors, marketers, and retailers, as well as to users of diesel, low-sulfur diesel, and other liquid fuels for stationary-source applications in the SCAQMD. The rule also affects diesel fuel supplied for mobile source applications.

Rule 1113 – Architectural Coatings. This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

4.1.7.4 Agency Jurisdiction and Contacts

No agencies were contacted directly to specifically discuss air quality impacts related to the proposed project.

4.1.7.5 Permit Requirements and Schedules

See Section 4.1.2, Regulatory Items Affecting New Source Review for a description of the permitting requirements and schedules.

4.1.8 References

CARB (California Air Resources Board). 2016. "Ambient Air Quality Standards." May 5, 2016. Accessed October 2023. http://www.arb.ca.gov/research/aaqs/aaqs2.pdf.

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1.1. Basic Project Information

Data Field	Value
Project Name	Compass BESS
Construction Start Date	9/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.5
Precipitation (days)	14
Location	33.53869809751579, -117.67788147939777
County	Orange
City	San Juan Capistrano
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	6052
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	Southern California Gas
App Version	2022.1.1.33

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	1.00	1000sqft	0.02	1,000	60,000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-9	Use Dust Suppressants
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.4	3.6	73	175	0.40	0.77	12	13	0.77	3.9	4.3	—	52,135	52,135	2.7	4.2	59	53,528
Mit.	5.4	3.6	73	175	0.40	0.77	12	13	0.77	3.9	4.3	—	52,135	52,135	2.7	4.2	59	53,528
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.8	2.9	56	140	0.28	0.52	12	12	0.52	4.3	4.8	—	35,231	35,231	1.8	2.5	0.94	35,934
Mit.	3.8	2.9	56	140	0.28	0.52	12	12	0.52	4.3	4.8	—	35,231	35,231	1.8	2.5	0.94	35,934
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.0	1.4	27	67	0.14	0.27	4.5	4.7	0.27	1.4	1.6	—	18,409	18,409	0.89	1.3	8.7	18,827
Mit.	2.0	1.4	27	67	0.14	0.27	4.5	4.7	0.27	1.4	1.6	—	18,409	18,409	0.89	1.3	8.7	18,827
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.36	0.26	4.9	12	0.03	0.05	0.82	0.87	0.05	0.25	0.30	—	3,048	3,048	0.15	0.21	1.4	3,117
Mit.	0.36	0.26	4.9	12	0.03	0.05	0.82	0.87	0.05	0.25	0.30	—	3,048	3,048	0.15	0.21	1.4	3,117
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.4	2.1	19	99	0.16	0.30	11	11	0.30	3.9	4.2	—	21,572	21,572	0.84	0.84	22	21,865
2027	5.4	3.6	73	175	0.40	0.77	12	13	0.77	3.6	4.3	—	52,135	52,135	2.7	4.2	59	53,528
2028	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2050	2.2	1.9	11	19	0.06	0.29	1.2	1.5	0.27	0.28	0.55	—	6,854	6,854	0.24	0.07	0.13	6,880
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.63	0.62	5.7	30	0.05	0.10	2.3	2.4	0.10	1.0	1.1	—	5,976	5,976	0.23	0.10	0.07	6,010
2027	3.8	2.9	56	140	0.28	0.52	12	12	0.52	4.3	4.8	—	35,231	35,231	1.8	2.5	0.94	35,934
2028	0.59	0.47	0.69	9.3	0.00	0.00	3.2	3.2	0.00	0.76	0.76	—	2,936	2,936	0.02	0.11	0.23	2,970
2050	2.2	1.9	11	19	0.06	0.29	1.2	1.5	0.27	0.28	0.55	—	6,809	6,809	0.24	0.07	< 0.005	6,836
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.22	0.21	1.9	9.9	0.02	0.03	0.87	0.90	0.03	0.35	0.38	—	2,067	2,067	0.08	0.06	0.63	2,086
2027	2.0	1.4	27	67	0.14	0.27	4.5	4.7	0.27	1.4	1.6	—	18,409	18,409	0.89	1.3	8.7	18,827
2028	0.02	0.02	0.02	0.32	0.00	0.00	0.11	0.11	0.00	0.02	0.02	—	99	99	< 0.005	< 0.005	0.13	100
2050	0.96	0.80	4.8	8.3	0.02	0.13	0.51	0.64	0.12	0.12	0.24	—	2,934	2,934	0.10	0.03	0.02	2,946
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	0.04	0.04	0.35	1.8	< 0.005	0.01	0.16	0.16	0.01	0.06	0.07	—	342	342	0.01	0.01	0.10	345
2027	0.36	0.26	4.9	12	0.03	0.05	0.82	0.87	0.05	0.25	0.30	—	3,048	3,048	0.15	0.21	1.4	3,117
2028	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.02	17
2050	0.17	0.15	0.88	1.5	< 0.005	0.02	0.09	0.12	0.02	0.02	0.04	—	486	486	0.02	< 0.005	< 0.005	488

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.4	2.1	19	99	0.16	0.30	11	11	0.30	3.9	4.2	—	21,572	21,572	0.84	0.84	22	21,865
2027	5.4	3.6	73	175	0.40	0.77	12	13	0.77	3.6	4.3	—	52,135	52,135	2.7	4.2	59	53,528
2028	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2050	2.2	1.9	11	19	0.06	0.29	1.2	1.5	0.27	0.28	0.55	—	6,854	6,854	0.24	0.07	0.13	6,880
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.63	0.62	5.7	30	0.05	0.10	2.3	2.4	0.10	1.0	1.1	—	5,976	5,976	0.23	0.10	0.07	6,010
2027	3.8	2.9	56	140	0.28	0.52	12	12	0.52	4.3	4.8	—	35,231	35,231	1.8	2.5	0.94	35,934
2028	0.59	0.47	0.69	9.3	0.00	0.00	3.2	3.2	0.00	0.76	0.76	—	2,936	2,936	0.02	0.11	0.23	2,970
2050	2.2	1.9	11	19	0.06	0.29	1.2	1.5	0.27	0.28	0.55	—	6,809	6,809	0.24	0.07	< 0.005	6,836
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.22	0.21	1.9	9.9	0.02	0.03	0.87	0.90	0.03	0.35	0.38	—	2,067	2,067	0.08	0.06	0.63	2,086
2027	2.0	1.4	27	67	0.14	0.27	4.5	4.7	0.27	1.4	1.6	—	18,409	18,409	0.89	1.3	8.7	18,827
2028	0.02	0.02	0.02	0.32	0.00	0.00	0.11	0.11	0.00	0.02	0.02	—	99	99	< 0.005	< 0.005	0.13	100
2050	0.96	0.80	4.8	8.3	0.02	0.13	0.51	0.64	0.12	0.12	0.24	—	2,934	2,934	0.10	0.03	0.02	2,946
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04	0.04	0.35	1.8	< 0.005	0.01	0.16	0.16	0.01	0.06	0.07	—	342	342	0.01	0.01	0.10	345

2027	0.36	0.26	4.9	12	0.03	0.05	0.82	0.87	0.05	0.25	0.30	—	3,048	3,048	0.15	0.21	1.4	3,117
2028	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.02	17
2050	0.17	0.15	0.88	1.5	< 0.005	0.02	0.09	0.12	0.02	0.02	0.04	—	486	486	0.02	< 0.005	< 0.005	488

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.08	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	106	106	0.01	0.01	0.23	109
Area	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.09	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	104	104	0.01	0.01	0.01	107
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.01	15
Area	0.03	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.12	0.12	< 0.005	< 0.005	—	0.12
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.7	2.7	< 0.005	< 0.005	—	2.7
Total	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.5	2.5	< 0.005	< 0.005	< 0.005	2.5
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	224	224	0.16	0.02	—	234
Water	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Waste	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Off-Road	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.08	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	106	106	0.01	0.01	0.23	109
Area	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.09	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	104	104	0.01	0.01	0.01	107
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.01	15
Area	0.03	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.12	0.12	< 0.005	< 0.005	—	0.12
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.7	2.7	< 0.005	< 0.005	—	2.7
Total	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.5	2.5	< 0.005	< 0.005	< 0.005	2.5
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	224	224	0.16	0.02	—	234
Water	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Waste	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Off-Road	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

3. Construction Emissions Details

3.1. Decommissioning (2050) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	4.8	7.5	0.02	0.13	—	0.13	0.12	—	0.12	—	2,497	2,497	0.10	0.02	—	2,505

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.87	1.4	< 0.005	0.02	—	0.02	0.02	—	0.02	—	413	413	0.02	< 0.005	—	415
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.08	2.1	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	916	916	< 0.005	< 0.005	0.12	917
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	132	132	< 0.005	0.02	0.01	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.08	1.7	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	872	872	< 0.005	< 0.005	< 0.005	873
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	132	132	< 0.005	0.02	< 0.005	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.04	0.79	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	380	380	< 0.005	< 0.005	0.02	381
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	57	57	< 0.005	0.01	< 0.005	60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.14	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	63	63	< 0.005	< 0.005	< 0.005	63

Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.4	9.4	< 0.005	< 0.005	< 0.005	9.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Decommissioning (2050) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	4.8	7.5	0.02	0.13	—	0.13	0.12	—	0.12	—	2,497	2,497	0.10	0.02	—	2,505

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.87	1.4	< 0.005	0.02	—	0.02	0.02	—	0.02	—	413	413	0.02	< 0.005	—	415
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.08	2.1	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	916	916	< 0.005	< 0.005	0.12	917
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	132	132	< 0.005	0.02	0.01	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.08	1.7	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	872	872	< 0.005	< 0.005	< 0.005	873
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	132	132	< 0.005	0.02	< 0.005	138
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.04	0.79	0.00	0.00	0.48	0.48	0.00	0.11	0.11	—	380	380	< 0.005	< 0.005	0.02	381
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	57	57	< 0.005	0.01	< 0.005	60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.14	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	63	63	< 0.005	< 0.005	< 0.005	63

Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	9.4	9.4	< 0.005	< 0.005	< 0.005	9.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Access Road Site Preparation, Grading, and Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	2.8	14	0.02	0.04	—	0.04	0.04	—	0.04	—	2,062	2,062	0.08	0.02	—	2,069
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	—	125
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21	21	< 0.005	< 0.005	—	21
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.24	4.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,118	1,118	0.01	0.04	3.9	1,134
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.13	0.02	1.6	0.72	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	1,371	1,371	0.10	0.22	2.8	1,441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	65	65	< 0.005	< 0.005	0.10	66
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.02	15
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83	83	0.01	0.01	0.07	87
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11	11	< 0.005	< 0.005	0.02	11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.4	2.4	< 0.005	< 0.005	< 0.005	2.5
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.01	14

3.4. Access Road Site Preparation, Grading, and Paving (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	2.8	14	0.02	0.04	—	0.04	0.04	—	0.04	—	2,062	2,062	0.08	0.02	—	2,069
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	—	125
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21	21	< 0.005	< 0.005	—	21

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.24	4.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,118	1,118	0.01	0.04	3.9	1,134
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.13	0.02	1.6	0.72	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	1,371	1,371	0.10	0.22	2.8	1,441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.22	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	65	65	< 0.005	< 0.005	0.10	66
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.02	15
Hauling	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	83	83	0.01	0.01	0.07	87
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11	11	< 0.005	< 0.005	0.02	11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.4	2.4	< 0.005	< 0.005	< 0.005	2.5
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.01	14

3.5. BESS/Substation Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.34	3.9	22	0.03	0.06	—	0.06	0.06	—	0.06	—	3,209	3,209	0.13	0.03	—	3,220
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	106	106	< 0.005	< 0.005	—	106
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17	17	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.24	4.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,118	1,118	0.01	0.04	3.9	1,134
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.13	0.02	1.6	0.72	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	1,371	1,371	0.10	0.22	2.8	1,441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35	35	< 0.005	< 0.005	0.06	36
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.0	8.0	< 0.005	< 0.005	0.01	8.3
Hauling	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45	45	< 0.005	0.01	0.04	47
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.9	5.9	< 0.005	< 0.005	0.01	5.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.3	1.3	< 0.005	< 0.005	< 0.005	1.4
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.5	7.5	< 0.005	< 0.005	0.01	7.8

3.6. BESS/Substation Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.34	0.34	3.9	22	0.03	0.06	—	0.06	0.06	—	0.06	—	3,209	3,209	0.13	0.03	—	3,220
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	106	106	< 0.005	< 0.005	—	106
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17	17	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.24	4.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,118	1,118	0.01	0.04	3.9	1,134
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.13	0.02	1.6	0.72	0.01	0.02	0.36	0.38	0.02	0.10	0.12	—	1,371	1,371	0.10	0.22	2.8	1,441
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35	35	< 0.005	< 0.005	0.06	36
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.0	8.0	< 0.005	< 0.005	0.01	8.3
Hauling	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45	45	< 0.005	0.01	0.04	47
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.9	5.9	< 0.005	< 0.005	0.01	5.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.3	1.3	< 0.005	< 0.005	< 0.005	1.4
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.5	7.5	< 0.005	< 0.005	0.01	7.8

3.7. Switchyard Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.6	18	0.03	0.06	—	0.06	0.06	—	0.06	—	3,338	3,338	0.14	0.03	—	3,350

Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	110	110	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18	18	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.24	4.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,118	1,118	0.01	0.04	3.9	1,134

Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.01	< 0.005	0.16	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.28	144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35	35	< 0.005	< 0.005	0.06	36
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.0	8.0	< 0.005	< 0.005	0.01	8.3
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.5	4.5	< 0.005	< 0.005	< 0.005	4.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.9	5.9	< 0.005	< 0.005	0.01	5.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.3	1.3	< 0.005	< 0.005	< 0.005	1.4
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.75	0.75	< 0.005	< 0.005	< 0.005	0.78

3.8. Switchyard Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.6	18	0.03	0.06	—	0.06	0.06	—	0.06	—	3,338	3,338	0.14	0.03	—	3,350
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	110	110	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18	18	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.24	4.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,118	1,118	0.01	0.04	3.9	1,134
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.01	< 0.005	0.16	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	137	137	0.01	0.02	0.28	144
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35	35	< 0.005	< 0.005	0.06	36
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.0	8.0	< 0.005	< 0.005	0.01	8.3
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.5	4.5	< 0.005	< 0.005	< 0.005	4.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.9	5.9	< 0.005	< 0.005	0.01	5.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.3	1.3	< 0.005	< 0.005	< 0.005	1.4
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.75	0.75	< 0.005	< 0.005	< 0.005	0.78

3.9. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506

Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.86	3.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79	79	< 0.005	< 0.005	—	80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.23	4.0	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,100	1,100	0.01	0.04	3.5	1,115
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	1.2	0.20	15	6.7	0.09	0.17	3.4	3.6	0.17	0.97	1.1	—	12,792	12,792	0.99	2.1	24	13,456

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.24	3.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,046	1,046	0.01	0.04	0.09	1,058
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	1.2	0.18	16	6.8	0.09	0.17	3.4	3.6	0.17	0.97	1.1	—	12,797	12,797	0.99	2.1	0.63	13,437
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.04	0.48	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	145	145	< 0.005	0.01	0.21	147
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33	33	< 0.005	< 0.005	0.03	34
Hauling	0.16	0.03	2.2	0.92	0.01	0.02	0.47	0.49	0.02	0.13	0.15	—	1,753	1,753	0.14	0.28	1.4	1,842
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24	24	< 0.005	< 0.005	0.03	24
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.4	5.4	< 0.005	< 0.005	0.01	5.6
Hauling	0.03	< 0.005	0.39	0.17	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	290	290	0.02	0.05	0.24	305

3.10. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.86	3.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79	79	< 0.005	< 0.005	—	80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.23	4.0	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,100	1,100	0.01	0.04	3.5	1,115
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	1.2	0.20	15	6.7	0.09	0.17	3.4	3.6	0.17	0.97	1.1	—	12,792	12,792	0.99	2.1	24	13,456
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.24	3.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,046	1,046	0.01	0.04	0.09	1,058
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	1.2	0.18	16	6.8	0.09	0.17	3.4	3.6	0.17	0.97	1.1	—	12,797	12,797	0.99	2.1	0.63	13,437
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.04	0.48	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	145	145	< 0.005	0.01	0.21	147
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	33	33	< 0.005	< 0.005	0.03	34
Hauling	0.16	0.03	2.2	0.92	0.01	0.02	0.47	0.49	0.02	0.13	0.15	—	1,753	1,753	0.14	0.28	1.4	1,842
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24	24	< 0.005	< 0.005	0.03	24
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.4	5.4	< 0.005	< 0.005	0.01	5.6
Hauling	0.03	< 0.005	0.39	0.17	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	290	290	0.02	0.05	0.24	305

3.11. Switchyard Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	3.0	19	0.03	0.07	—	0.07	0.07	—	0.07	—	3,622	3,622	0.15	0.03	—	3,634
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	1.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	298	298	0.01	< 0.005	—	299
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49	49	< 0.005	< 0.005	—	49
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.24	3.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,046	1,046	0.01	0.04	0.09	1,058
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.29	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87	87	< 0.005	< 0.005	0.12	88
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20	20	< 0.005	< 0.005	0.02	20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.2	3.2	< 0.005	< 0.005	< 0.005	3.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Switchyard Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.36	0.36	3.0	19	0.03	0.07	—	0.07	0.07	—	0.07	—	3,622	3,622	0.15	0.03	—	3,634
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	1.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	298	298	0.01	< 0.005	—	299
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49	49	< 0.005	< 0.005	—	49
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.24	3.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,046	1,046	0.01	0.04	0.09	1,058
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.29	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	87	87	< 0.005	< 0.005	0.12	88
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20	20	< 0.005	< 0.005	0.02	20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.2	3.2	< 0.005	< 0.005	< 0.005	3.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Oso Creek Stabilization (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.3	6.7	0.01	0.02	—	0.02	0.02	—	0.02	—	1,242	1,242	0.05	0.01	—	1,246
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	1.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	206	206	0.01	< 0.005	—	206
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.12	2.1	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	559	559	< 0.005	0.02	2.0	567
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.14	1.8	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	532	532	< 0.005	0.02	0.05	538
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.02	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.45	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.20	130
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	58	58	< 0.005	0.01	0.07	60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21	21	< 0.005	< 0.005	0.03	22
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.6	9.6	< 0.005	< 0.005	0.01	10.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Oso Creek Stabilization (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.3	6.7	0.01	0.02	—	0.02	0.02	—	0.02	—	1,242	1,242	0.05	0.01	—	1,246
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	1.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	206	206	0.01	< 0.005	—	206

Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.12	2.1	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	559	559	< 0.005	0.02	2.0	567
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.64	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.14	1.8	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	532	532	< 0.005	0.02	0.05	538
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	242	242	0.01	0.03	0.02	253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.45	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.20	130
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	58	58	< 0.005	0.01	0.07	60
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.08	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21	21	< 0.005	< 0.005	0.03	22
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.6	9.6	< 0.005	< 0.005	0.01	10.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Oso Creek Stabilization (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.6	8.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,537	1,537	0.06	0.01	—	1,542
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.29	1.5	< 0.005	0.01	—	0.01	0.01	—	0.01	—	254	254	0.01	< 0.005	—	255
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.12	2.0	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	550	550	< 0.005	0.02	1.8	557
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.12	1.7	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	523	523	< 0.005	0.02	0.05	529
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.04	0.52	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	157	157	< 0.005	0.01	0.22	159
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70	70	< 0.005	0.01	0.07	73
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26	26	< 0.005	< 0.005	0.04	26

Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12	12	< 0.005	< 0.005	0.01	12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Oso Creek Stabilization (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.16	0.16	1.6	8.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,537	1,537	0.06	0.01	—	1,542
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.03	0.03	0.29	1.5	< 0.005	0.01	—	0.01	0.01	—	0.01	—	254	254	0.01	< 0.005	—	255
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.12	2.0	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	550	550	< 0.005	0.02	1.8	557
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.07	0.12	1.7	0.00	0.00	0.57	0.57	0.00	0.13	0.13	—	523	523	< 0.005	0.02	0.05	529
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.04	0.52	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	157	157	< 0.005	0.01	0.22	159

Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	70	70	< 0.005	0.01	0.07	73
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.09	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26	26	< 0.005	< 0.005	0.04	26
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12	12	< 0.005	< 0.005	0.01	12
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Battery/Container and Substation Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.37	0.37	7.5	19	0.03	0.05	—	0.05	0.05	—	0.05	—	2,839	2,839	0.12	0.02	—	2,849
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.4	3.4	0.01	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.17	2.9	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	785	785	0.01	0.03	2.5	796
Vendor	0.08	0.02	1.0	0.46	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	2.9	1,241
Hauling	0.69	0.07	9.3	3.6	0.06	0.12	2.5	2.7	0.12	0.71	0.83	—	9,200	9,200	0.62	1.5	18	9,676
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.18	2.5	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	747	747	0.01	0.03	0.07	756
Vendor	0.08	0.02	1.1	0.47	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	0.07	1,239
Hauling	0.69	0.07	9.7	3.6	0.06	0.12	2.5	2.7	0.12	0.71	0.83	—	9,200	9,200	0.62	1.5	0.46	9,659
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.10	1.2	0.00	0.00	0.38	0.38	0.00	0.09	0.09	—	363	363	< 0.005	0.01	0.52	368
Vendor	0.04	0.01	0.52	0.22	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.05	—	570	570	0.03	0.08	0.60	594
Hauling	0.33	0.03	4.7	1.7	0.03	0.06	1.2	1.3	0.06	0.34	0.40	—	4,411	4,411	0.30	0.71	3.7	4,634
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60	60	< 0.005	< 0.005	0.09	61

Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	94	94	< 0.005	0.01	0.10	98
Hauling	0.06	0.01	0.86	0.32	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	730	730	0.05	0.12	0.61	767

3.18. Battery/Container and Substation Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.37	7.5	19	0.03	0.05	—	0.05	0.05	—	0.05	—	2,839	2,839	0.12	0.02	—	2,849
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.07	0.07	1.4	3.4	0.01	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.17	2.9	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	785	785	0.01	0.03	2.5	796
Vendor	0.08	0.02	1.0	0.46	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	2.9	1,241
Hauling	0.69	0.07	9.3	3.6	0.06	0.12	2.5	2.7	0.12	0.71	0.83	—	9,200	9,200	0.62	1.5	18	9,676
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.18	2.5	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	747	747	0.01	0.03	0.07	756
Vendor	0.08	0.02	1.1	0.47	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	0.07	1,239
Hauling	0.69	0.07	9.7	3.6	0.06	0.12	2.5	2.7	0.12	0.71	0.83	—	9,200	9,200	0.62	1.5	0.46	9,659
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.10	1.2	0.00	0.00	0.38	0.38	0.00	0.09	0.09	—	363	363	< 0.005	0.01	0.52	368
Vendor	0.04	0.01	0.52	0.22	< 0.005	< 0.005	0.16	0.16	< 0.005	0.04	0.05	—	570	570	0.03	0.08	0.60	594
Hauling	0.33	0.03	4.7	1.7	0.03	0.06	1.2	1.3	0.06	0.34	0.40	—	4,411	4,411	0.30	0.71	3.7	4,634
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.23	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	60	60	< 0.005	< 0.005	0.09	61
Vendor	0.01	< 0.005	0.10	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	94	94	< 0.005	0.01	0.10	98
Hauling	0.06	0.01	0.86	0.32	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	730	730	0.05	0.12	0.61	767

3.19. Switchyard Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	7.3	24	0.04	0.07	—	0.07	0.07	—	0.07	—	3,885	3,885	0.16	0.03	—	3,899
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.3	4.4	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	645
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.15	0.12	0.17	2.9	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	785	785	0.01	0.03	2.5	796
Vendor	0.08	0.02	1.0	0.46	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	2.9	1,241
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.18	2.5	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	747	747	0.01	0.03	0.07	756
Vendor	0.08	0.02	1.1	0.47	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	0.07	1,239
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.08	1.1	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	311	311	< 0.005	0.01	0.44	315
Vendor	0.03	0.01	0.45	0.19	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	489	489	0.02	0.07	0.51	509
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.19	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52	52	< 0.005	< 0.005	0.07	52
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	81	81	< 0.005	0.01	0.08	84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Switchyard Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	7.3	24	0.04	0.07	—	0.07	0.07	—	0.07	—	3,885	3,885	0.16	0.03	—	3,899
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.3	4.4	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	645
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.12	0.17	2.9	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	785	785	0.01	0.03	2.5	796
Vendor	0.08	0.02	1.0	0.46	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	2.9	1,241
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.15	0.12	0.18	2.5	0.00	0.00	0.81	0.81	0.00	0.19	0.19	—	747	747	0.01	0.03	0.07	756
Vendor	0.08	0.02	1.1	0.47	0.01	0.01	0.34	0.34	0.01	0.09	0.10	—	1,189	1,189	0.05	0.16	0.07	1,239
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.08	1.1	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	311	311	< 0.005	0.01	0.44	315
Vendor	0.03	0.01	0.45	0.19	< 0.005	< 0.005	0.14	0.14	< 0.005	0.04	0.04	—	489	489	0.02	0.07	0.51	509
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.19	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	52	52	< 0.005	< 0.005	0.07	52
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	81	81	< 0.005	0.01	0.08	84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Loop-in Transmission Line Foundation and Tower Erection (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.38	8.1	20	0.03	0.06	—	0.06	0.06	—	0.06	—	3,039	3,039	0.12	0.02	—	3,049
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.02	0.02	0.44	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	167	167	0.01	< 0.005	—	167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28	28	< 0.005	< 0.005	—	28
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.06	1.00	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	275	275	< 0.005	0.01	0.88	279
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13	13	< 0.005	< 0.005	0.01	14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.4	2.4	< 0.005	< 0.005	< 0.005	2.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Loop-in Transmission Line Foundation and Tower Erection (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.38	8.1	20	0.03	0.06	—	0.06	0.06	—	0.06	—	3,039	3,039	0.12	0.02	—	3,049
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.44	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	167	167	0.01	< 0.005	—	167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28	28	< 0.005	< 0.005	—	28
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.06	1.00	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	275	275	< 0.005	0.01	0.88	279
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13	13	< 0.005	< 0.005	0.01	14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.4	2.4	< 0.005	< 0.005	< 0.005	2.4
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Loop-in Transmission Stringing and Pulling (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29	29	< 0.005	< 0.005	—	29
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.05	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	220	220	< 0.005	0.01	0.70	223
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	240	240	0.01	0.03	0.58	251
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.05	0.67	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	209	209	< 0.005	0.01	0.02	212
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	240	240	0.01	0.03	0.02	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12	12	< 0.005	< 0.005	0.02	12
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13	13	< 0.005	< 0.005	0.01	14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.9	1.9	< 0.005	< 0.005	< 0.005	1.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Loop-in Transmission Stringing and Pulling (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29	29	< 0.005	< 0.005	—	29
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.05	0.80	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	220	220	< 0.005	0.01	0.70	223
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	240	240	0.01	0.03	0.58	251
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.05	0.67	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	209	209	< 0.005	0.01	0.02	212
Vendor	0.02	< 0.005	0.22	0.10	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	240	240	0.01	0.03	0.02	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12	12	< 0.005	< 0.005	0.02	12
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13	13	< 0.005	< 0.005	0.01	14
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.9	1.9	< 0.005	< 0.005	< 0.005	1.9
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Landscaping Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70	70	< 0.005	< 0.005	—	70
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12	12	< 0.005	< 0.005	—	12
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.23	4.0	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,100	1,100	0.01	0.04	3.5	1,115
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	0.05	0.01	0.63	0.28	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	538	538	0.04	0.09	1.0	566
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.24	3.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,046	1,046	0.01	0.04	0.09	1,058
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	0.05	0.01	0.66	0.29	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	538	538	0.04	0.09	0.03	565
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.19	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58	58	< 0.005	< 0.005	0.08	59
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13	13	< 0.005	< 0.005	0.01	14
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29	29	< 0.005	< 0.005	0.02	31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.6	9.6	< 0.005	< 0.005	0.01	9.7
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.2
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.9	4.9	< 0.005	< 0.005	< 0.005	5.1

3.26. Landscaping Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70	70	< 0.005	< 0.005	—	70
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12	12	< 0.005	< 0.005	—	12
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.23	4.0	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,100	1,100	0.01	0.04	3.5	1,115
Vendor	0.02	< 0.005	0.21	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.58	248
Hauling	0.05	0.01	0.63	0.28	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	538	538	0.04	0.09	1.0	566
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.13	0.24	3.3	0.00	0.00	1.1	1.1	0.00	0.26	0.26	—	1,046	1,046	0.01	0.04	0.09	1,058
Vendor	0.02	< 0.005	0.22	0.09	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	238	238	0.01	0.03	0.01	248
Hauling	0.05	0.01	0.66	0.29	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	—	538	538	0.04	0.09	0.03	565
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.19	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58	58	< 0.005	< 0.005	0.08	59
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13	13	< 0.005	< 0.005	0.01	14
Hauling	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29	29	< 0.005	< 0.005	0.02	31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.6	9.6	< 0.005	< 0.005	0.01	9.7
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.2
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.9	4.9	< 0.005	< 0.005	< 0.005	5.1

3.27. Commissioning (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.49	0.70	9.8	0.00	0.00	3.2	3.2	0.00	0.76	0.76	—	2,989	2,989	0.02	0.11	0.26	3,023
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.10	1.4	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	397	397	< 0.005	0.01	0.57	402
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.25	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	66	66	< 0.005	< 0.005	0.09	67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Commissioning (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.49	0.70	9.8	0.00	0.00	3.2	3.2	0.00	0.76	0.76	—	2,989	2,989	0.02	0.11	0.26	3,023
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.10	1.4	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	397	397	< 0.005	0.01	0.57	402
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.25	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	66	66	< 0.005	< 0.005	0.09	67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Commissioning (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.59	0.47	0.69	9.3	0.00	0.00	3.2	3.2	0.00	0.76	0.76	—	2,936	2,936	0.02	0.11	0.23	2,970
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.32	0.00	0.00	0.11	0.11	0.00	0.02	0.02	—	99	99	< 0.005	< 0.005	0.13	100
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.02	17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.30. Commissioning (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.47	0.69	9.3	0.00	0.00	3.2	3.2	0.00	0.76	0.76	—	2,936	2,936	0.02	0.11	0.23	2,970
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.32	0.00	0.00	0.11	0.11	0.00	0.02	0.02	—	99	99	< 0.005	< 0.005	0.13	100
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.02	17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234
Total	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234
Total	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Total	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Total	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Total	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Total	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Decommissioning	Demolition	1/1/2050	8/9/2050	5.0	157	—

Access Road Site Preparation, Grading, and Paving	Site Preparation	9/1/2026	9/30/2026	5.0	22	—
BESS/Substation Site Preparation	Site Preparation	9/15/2026	9/30/2026	5.0	12	—
Switchyard Site Preparation	Site Preparation	9/15/2026	9/30/2026	5.0	12	—
BESS/Substation Site Grading and Stormwater Detention Structures	Grading	2/16/2027	4/26/2027	5.0	50	—
Switchyard Grading	Grading	2/16/2027	3/29/2027	5.0	30	—
Oso Creek Stabilization	Grading	9/1/2026	5/31/2027	5.0	195	—
Battery/Container and Substation Installation	Building Construction	4/19/2027	12/17/2027	5.0	175	—
Switchyard Installation	Building Construction	3/30/2027	10/25/2027	5.0	150	—
Loop-in Transmission Line Foundation and Tower Erection	Building Construction	8/31/2027	9/27/2027	5.0	20	—
Loop-in Transmission Stringing and Pulling	Building Construction	9/28/2027	10/25/2027	5.0	20	—
Landscaping Installation	Building Construction	9/28/2027	10/25/2027	5.0	20	—
Commissioning	Building Construction	10/26/2027	1/17/2028	5.0	60	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Decommissioning	Tractors/Loaders/Backhoes	Diesel	Average	2.0	8.0	84	0.37
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.0	8.0	33	0.73
Decommissioning	Cranes	Diesel	Average	2.0	8.0	367	0.29

Access Road Site Preparation, Grading, and Paving	Graders	Diesel	Tier 4 Final	1.00	8.0	148	0.41
Access Road Site Preparation, Grading, and Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.0	84	0.37
Access Road Site Preparation, Grading, and Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Access Road Site Preparation, Grading, and Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.0	71	0.37
Access Road Site Preparation, Grading, and Paving	Pavers	Diesel	Tier 4 Final	1.00	8.0	81	0.42
Access Road Site Preparation, Grading, and Paving	Rollers	Diesel	Tier 4 Final	1.00	8.0	36	0.38
BESS/Substation Site Preparation	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
BESS/Substation Site Grading and Stormwater Detention Structures	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41

BESS/Substation Site Grading and Stormwater Detention Structures	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Grading and Stormwater Detention Structures	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Grading and Stormwater Detention Structures	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
BESS/Substation Site Grading and Stormwater Detention Structures	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
BESS/Substation Site Grading and Stormwater Detention Structures	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Grading	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.0	367	0.40
Oso Creek Stabilization	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Oso Creek Stabilization	Pumps	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Generator Sets	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Off-Highway Trucks	Diesel	Tier 4 Final	2.0	8.0	376	0.38

Battery/Container and Substation Installation	Cranes	Diesel	Tier 4 Final	2.0	8.0	367	0.29
Battery/Container and Substation Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Battery/Container and Substation Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Battery/Container and Substation Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Generator Sets	Diesel	Tier 4 Final	4.0	8.0	25	0.74
Battery/Container and Substation Installation	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
Battery/Container and Substation Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Battery/Container and Substation Installation	Skid Steer Loaders	Diesel	Tier 4 Final	4.0	8.0	71	0.37
Switchyard Installation	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Switchyard Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.0	8.0	84	0.37
Switchyard Installation	Aerial Lifts	Diesel	Tier 4 Final	4.0	8.0	46	0.31
Switchyard Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Switchyard Installation	Bore/Drill Rigs	Diesel	Tier 4 Final	2.0	8.0	83	0.50
Switchyard Installation	Excavators	Diesel	Tier 4 Final	1.00	8.0	36	0.38
Switchyard Installation	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Switchyard Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Switchyard Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Switchyard Installation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Installation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Installation	Trenchers	Diesel	Tier 4 Final	4.0	8.0	40	0.50

Loop-in Transmission Line Foundation and Tower Erection	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Loop-in Transmission Line Foundation and Tower Erection	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Line Foundation and Tower Erection	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Loop-in Transmission Line Foundation and Tower Erection	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Pumps	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Welders	Diesel	Tier 4 Final	2.0	8.0	46	0.45
Loop-in Transmission Line Foundation and Tower Erection	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.0	83	0.50
Loop-in Transmission Stringing and Pulling	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Stringing and Pulling	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Loop-in Transmission Stringing and Pulling	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Stringing and Pulling	Aerial Lifts	Diesel	Tier 4 Final	3.0	8.0	46	0.31
Loop-in Transmission Stringing and Pulling	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.0	430	0.42
Landscaping Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Landscaping Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Landscaping Installation	Trenchers	Diesel	Tier 4 Final	2.0	8.0	40	0.50

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Decommissioning	Tractors/Loaders/Backhoes	Diesel	Average	2.0	8.0	84	0.37
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.0	8.0	33	0.73
Decommissioning	Cranes	Diesel	Average	2.0	8.0	367	0.29
Access Road Site Preparation, Grading, and Paving	Graders	Diesel	Tier 4 Final	1.00	8.0	148	0.41
Access Road Site Preparation, Grading, and Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.0	84	0.37
Access Road Site Preparation, Grading, and Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Access Road Site Preparation, Grading, and Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.0	71	0.37
Access Road Site Preparation, Grading, and Paving	Pavers	Diesel	Tier 4 Final	1.00	8.0	81	0.42
Access Road Site Preparation, Grading, and Paving	Rollers	Diesel	Tier 4 Final	1.00	8.0	36	0.38
BESS/Substation Site Preparation	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37

Switchyard Site Preparation	Tractors/Loaders/Back	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
BESS/Substation Site Grading and Stormwater Detention Structures	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Grading and Stormwater Detention Structures	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Grading and Stormwater Detention Structures	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Grading and Stormwater Detention Structures	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
BESS/Substation Site Grading and Stormwater Detention Structures	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
BESS/Substation Site Grading and Stormwater Detention Structures	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Grading	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.0	367	0.40
Oso Creek Stabilization	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38

Oso Creek Stabilization	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Oso Creek Stabilization	Pumps	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Generator Sets	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Off-Highway Trucks	Diesel	Tier 4 Final	2.0	8.0	376	0.38
Battery/Container and Substation Installation	Cranes	Diesel	Tier 4 Final	2.0	8.0	367	0.29
Battery/Container and Substation Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Battery/Container and Substation Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Battery/Container and Substation Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Generator Sets	Diesel	Tier 4 Final	4.0	8.0	25	0.74
Battery/Container and Substation Installation	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
Battery/Container and Substation Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Battery/Container and Substation Installation	Skid Steer Loaders	Diesel	Tier 4 Final	4.0	8.0	71	0.37
Switchyard Installation	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Switchyard Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.0	8.0	84	0.37
Switchyard Installation	Aerial Lifts	Diesel	Tier 4 Final	4.0	8.0	46	0.31
Switchyard Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Switchyard Installation	Bore/Drill Rigs	Diesel	Tier 4 Final	2.0	8.0	83	0.50
Switchyard Installation	Excavators	Diesel	Tier 4 Final	1.00	8.0	36	0.38
Switchyard Installation	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74

Switchyard Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Switchyard Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Switchyard Installation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Installation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Installation	Trenchers	Diesel	Tier 4 Final	4.0	8.0	40	0.50
Loop-in Transmission Line Foundation and Tower Erection	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Loop-in Transmission Line Foundation and Tower Erection	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Line Foundation and Tower Erection	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Loop-in Transmission Line Foundation and Tower Erection	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Pumps	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Welders	Diesel	Tier 4 Final	2.0	8.0	46	0.45
Loop-in Transmission Line Foundation and Tower Erection	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.0	83	0.50
Loop-in Transmission Stringing and Pulling	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Stringing and Pulling	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Loop-in Transmission Stringing and Pulling	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Stringing and Pulling	Aerial Lifts	Diesel	Tier 4 Final	3.0	8.0	46	0.31

Loop-in Transmission Stringing and Pulling	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.0	430	0.42
Landscaping Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Landscaping Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Landscaping Installation	Trenchers	Diesel	Tier 4 Final	2.0	8.0	40	0.50

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Decommissioning	Worker	40	40	LDA,LDT1,LDT2
Decommissioning	Vendor	4.0	20	HHDT,MHDT
Decommissioning	Hauling	0.00	20	HHDT
Decommissioning	Onsite truck	—	—	HHDT
Access Road Site Preparation, Grading, and Paving	Worker	40	40	LDA,LDT1,LDT2
Access Road Site Preparation, Grading, and Paving	Vendor	4.0	20	HHDT,MHDT
Access Road Site Preparation, Grading, and Paving	Hauling	20	20	HHDT
Access Road Site Preparation, Grading, and Paving	Onsite truck	—	—	HHDT
BESS/Substation Site Preparation	Worker	40	40	LDA,LDT1,LDT2
BESS/Substation Site Preparation	Vendor	4.0	20	HHDT,MHDT
BESS/Substation Site Preparation	Hauling	20	20	HHDT
BESS/Substation Site Preparation	Onsite truck	—	—	HHDT
Switchyard Site Preparation	Worker	40	40	LDA,LDT1,LDT2
Switchyard Site Preparation	Vendor	4.0	20	HHDT,MHDT

Switchyard Site Preparation	Hauling	2.0	20	HHDT
Switchyard Site Preparation	Onsite truck	—	—	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Worker	40	40	LDA,LDT1,LDT2
BESS/Substation Site Grading and Stormwater Detention Structures	Vendor	4.0	20	HHDT,MHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Hauling	190	20	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Onsite truck	—	—	HHDT
Switchyard Grading	Worker	40	40	LDA,LDT1,LDT2
Switchyard Grading	Vendor	4.0	20	HHDT,MHDT
Switchyard Grading	Hauling	0.00	20	HHDT
Switchyard Grading	Onsite truck	—	—	HHDT
Oso Creek Stabilization	Worker	20	40	LDA,LDT1,LDT2
Oso Creek Stabilization	Vendor	4.0	20	HHDT,MHDT
Oso Creek Stabilization	Hauling	0.00	20	HHDT
Oso Creek Stabilization	Onsite truck	—	—	HHDT
Battery/Container and Substation Installation	Worker	40	29	LDA,LDT1,LDT2
Battery/Container and Substation Installation	Vendor	20	20	HHDT,MHDT
Battery/Container and Substation Installation	Hauling	8.0	350	HHDT
Battery/Container and Substation Installation	Onsite truck	—	—	HHDT
Switchyard Installation	Worker	40	29	LDA,LDT1,LDT2
Switchyard Installation	Vendor	20	20	HHDT,MHDT
Switchyard Installation	Hauling	0.00	20	HHDT
Switchyard Installation	Onsite truck	—	—	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Worker	10.0	40	LDA,LDT1,LDT2

Loop-in Transmission Line Foundation and Tower Erection	Vendor	4.0	20	HHDT,MHDT
Loop-in Transmission Line Foundation and Tower Erection	Hauling	0.00	20	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Onsite truck	—	—	HHDT
Loop-in Transmission Stringing and Pulling	Worker	8.0	40	LDA,LDT1,LDT2
Loop-in Transmission Stringing and Pulling	Vendor	4.0	20	HHDT,MHDT
Loop-in Transmission Stringing and Pulling	Hauling	0.00	20	HHDT
Loop-in Transmission Stringing and Pulling	Onsite truck	—	—	HHDT
Landscaping Installation	Worker	40	40	LDA,LDT1,LDT2
Landscaping Installation	Vendor	4.0	20	HHDT,MHDT
Landscaping Installation	Hauling	8.0	20	HHDT
Landscaping Installation	Onsite truck	—	—	HHDT
Commissioning	Worker	160	29	LDA,LDT1,LDT2
Commissioning	Vendor	0.00	20	HHDT,MHDT
Commissioning	Hauling	0.00	20	HHDT
Commissioning	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Decommissioning	Worker	40	40	LDA,LDT1,LDT2
Decommissioning	Vendor	4.0	20	HHDT,MHDT
Decommissioning	Hauling	0.00	20	HHDT
Decommissioning	Onsite truck	—	—	HHDT
Access Road Site Preparation, Grading, and Paving	Worker	40	40	LDA,LDT1,LDT2

Access Road Site Preparation, Grading, and Paving	Vendor	4.0	20	HHDT,MHDT
Access Road Site Preparation, Grading, and Paving	Hauling	20	20	HHDT
Access Road Site Preparation, Grading, and Paving	Onsite truck	—	—	HHDT
BESS/Substation Site Preparation	Worker	40	40	LDA,LDT1,LDT2
BESS/Substation Site Preparation	Vendor	4.0	20	HHDT,MHDT
BESS/Substation Site Preparation	Hauling	20	20	HHDT
BESS/Substation Site Preparation	Onsite truck	—	—	HHDT
Switchyard Site Preparation	Worker	40	40	LDA,LDT1,LDT2
Switchyard Site Preparation	Vendor	4.0	20	HHDT,MHDT
Switchyard Site Preparation	Hauling	2.0	20	HHDT
Switchyard Site Preparation	Onsite truck	—	—	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Worker	40	40	LDA,LDT1,LDT2
BESS/Substation Site Grading and Stormwater Detention Structures	Vendor	4.0	20	HHDT,MHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Hauling	190	20	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Onsite truck	—	—	HHDT
Switchyard Grading	Worker	40	40	LDA,LDT1,LDT2
Switchyard Grading	Vendor	4.0	20	HHDT,MHDT
Switchyard Grading	Hauling	0.00	20	HHDT
Switchyard Grading	Onsite truck	—	—	HHDT
Oso Creek Stabilization	Worker	20	40	LDA,LDT1,LDT2
Oso Creek Stabilization	Vendor	4.0	20	HHDT,MHDT
Oso Creek Stabilization	Hauling	0.00	20	HHDT
Oso Creek Stabilization	Onsite truck	—	—	HHDT

Battery/Container and Substation Installation	Worker	40	29	LDA,LDT1,LDT2
Battery/Container and Substation Installation	Vendor	20	20	HHDT,MHDT
Battery/Container and Substation Installation	Hauling	8.0	350	HHDT
Battery/Container and Substation Installation	Onsite truck	—	—	HHDT
Switchyard Installation	Worker	40	29	LDA,LDT1,LDT2
Switchyard Installation	Vendor	20	20	HHDT,MHDT
Switchyard Installation	Hauling	0.00	20	HHDT
Switchyard Installation	Onsite truck	—	—	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Worker	10.0	40	LDA,LDT1,LDT2
Loop-in Transmission Line Foundation and Tower Erection	Vendor	4.0	20	HHDT,MHDT
Loop-in Transmission Line Foundation and Tower Erection	Hauling	0.00	20	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Onsite truck	—	—	HHDT
Loop-in Transmission Stringing and Pulling	Worker	8.0	40	LDA,LDT1,LDT2
Loop-in Transmission Stringing and Pulling	Vendor	4.0	20	HHDT,MHDT
Loop-in Transmission Stringing and Pulling	Hauling	0.00	20	HHDT
Loop-in Transmission Stringing and Pulling	Onsite truck	—	—	HHDT
Landscaping Installation	Worker	40	40	LDA,LDT1,LDT2
Landscaping Installation	Vendor	4.0	20	HHDT,MHDT
Landscaping Installation	Hauling	8.0	20	HHDT
Landscaping Installation	Onsite truck	—	—	HHDT
Commissioning	Worker	160	29	LDA,LDT1,LDT2

Commissioning	Vendor	0.00	20	HHDT,MHDT
Commissioning	Hauling	0.00	20	HHDT
Commissioning	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Decommissioning	0.00	0.00	0.00	—	0.00
Access Road Site Preparation, Grading, and Paving	—	—	11	0.00	0.00
BESS/Substation Site Preparation	—	—	12	0.00	0.00
Switchyard Site Preparation	—	—	12	0.00	0.00
BESS/Substation Site Grading and Stormwater Detention Structures	—	76,142	60	0.00	0.00
Switchyard Grading	—	—	30	0.00	0.00
Oso Creek Stabilization	—	—	98	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	589	0.03	< 0.005
2050	0.00	589	0.03	< 0.005
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	4.0	0.00	209	0.00	80	0.00	4,171

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	4.0	0.00	209	0.00	80	0.00	4,171

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
General Light Industry	Wood Fireplaces	0	0
General Light Industry	Gas Fireplaces	0	0
General Light Industry	Propane Fireplaces	0	0

General Light Industry	Electric Fireplaces	0	0
General Light Industry	No Fireplaces	0	0
General Light Industry	Conventional Wood Stoves	0	0
General Light Industry	Catalytic Wood Stoves	0	0
General Light Industry	Non-Catalytic Wood Stoves	0	0
General Light Industry	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

—	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
undefined	0.00	0.00	1,500	500	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	10,950,000	45	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	10,950,000	45	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	231,250	777,622

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	231,250	777,622

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1.2	0.00

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1.2	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	User Defined	R-134a	1,430	10,422	0.60	0.00	5.0

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	User Defined	R-134a	1,430	10,422	0.60	0.00	5.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Cranes	Diesel	Average	1.00	8.0	367	0.29

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Cranes	Diesel	Average	1.00	8.0	367	0.29

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	9.0	annual days of extreme heat
Extreme Precipitation	4.3	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	5.9	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	67
AQ-PM	42

AQ-DPM	35
Drinking Water	36
Lead Risk Housing	10
Pesticides	2.3
Toxic Releases	37
Traffic	93
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	70
Impaired Water Bodies	59
Solid Waste	53
Sensitive Population	—
Asthma	3.4
Cardio-vascular	8.2
Low Birth Weights	3.1
Socioeconomic Factor Indicators	—
Education	29
Housing	65
Linguistic	19
Poverty	15
Unemployment	75

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	82.44578468

Employed	58.03926601
Median HI	68.99781856
Education	—
Bachelor's or higher	74.74656743
High school enrollment	100
Preschool enrollment	95.7141024
Transportation	—
Auto Access	36.01950468
Active commuting	33.64557937
Social	—
2-parent households	46.67008854
Voting	59.42512511
Neighborhood	—
Alcohol availability	74.40010266
Park access	31.695111
Retail density	61.63223406
Supermarket access	61.29860131
Tree canopy	84.65289362
Housing	—
Homeownership	65.75131528
Housing habitability	60.19504684
Low-inc homeowner severe housing cost burden	55.30604389
Low-inc renter severe housing cost burden	16.2966765
Uncrowded housing	73.51469267
Health Outcomes	—
Insured adults	89.3750802
Arthritis	0.0
Asthma ER Admissions	88.2

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	57.9
Cognitively Disabled	29.3
Physically Disabled	37.2
Heart Attack ER Admissions	76.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	64.0
Elderly	27.8
English Speaking	46.8
Foreign-born	40.6
Outdoor Workers	93.4

Climate Change Adaptive Capacity	—
Impervious Surface Cover	78.7
Traffic Density	85.7
Traffic Access	23.0
Other Indices	—
Hardship	28.0
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	16
Healthy Places Index Score for Project Location (b)	78
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	Based on project description.
Construction: Off-Road Equipment	Based on project description.
Construction: Dust From Material Movement	Based on Grading Plan
Construction: Trips and VMT	Based on project description.
Operations: Fleet Mix	Worker vehicles and delivery trucks.
Operations: Energy Use	Auxiliary load for BESS. No natural gas use.
Operations: Refrigerants	Based on information provided by the project applicant.
Operations: Off-Road Equipment	Crane used to place BESS.

Compass BESS LST Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Compass BESS LST
Construction Start Date	9/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.5
Precipitation (days)	14
Location	33.53869809751579, -117.67788147939777
County	Orange
City	San Juan Capistrano
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	6052
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	Southern California Gas
App Version	2022.1.1.33

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	1.00	1000sqft	0.02	1,000	60,000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-9	Use Dust Suppressants
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.8	2.8	45	152	0.23	0.45	5.5	5.8	0.45	2.7	2.9	—	24,070	24,070	0.98	0.20	0.00	24,153
Mit.	2.8	2.8	45	152	0.23	0.45	5.5	5.8	0.45	2.7	2.9	—	24,070	24,070	0.98	0.20	0.00	24,153
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.4	2.4	42	126	0.19	0.37	5.4	5.6	0.37	2.7	2.9	—	19,887	19,887	0.81	0.16	0.00	19,955
Mit.	2.4	2.4	42	126	0.19	0.37	5.4	5.6	0.37	2.7	2.9	—	19,887	19,887	0.81	0.16	0.00	19,955
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.1	1.1	18	59	0.09	0.18	0.82	1.0	0.18	0.41	0.58	—	9,451	9,451	0.38	0.08	0.00	9,484
Mit.	1.1	1.1	18	59	0.09	0.18	0.82	1.0	0.18	0.41	0.58	—	9,451	9,451	0.38	0.08	0.00	9,484
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.20	3.4	11	0.02	0.03	0.15	0.18	0.03	0.07	0.11	—	1,565	1,565	0.06	0.01	0.00	1,570
Mit.	0.20	0.20	3.4	11	0.02	0.03	0.15	0.18	0.03	0.07	0.11	—	1,565	1,565	0.06	0.01	0.00	1,570
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.4	1.4	14	82	0.13	0.26	5.5	5.8	0.26	2.7	2.9	—	13,811	13,811	0.56	0.11	0.00	13,858
2027	2.8	2.8	45	152	0.23	0.45	2.0	2.5	0.45	0.91	1.4	—	24,070	24,070	0.98	0.20	0.00	24,153
2028	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2050	2.2	1.8	11	17	0.06	0.29	0.00	0.29	0.27	0.00	0.27	—	5,805	5,805	0.24	0.05	0.00	5,825
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.53	0.53	5.4	28	0.05	0.10	1.7	1.8	0.10	0.88	0.97	—	5,201	5,201	0.21	0.04	0.00	5,219
2027	2.4	2.4	42	126	0.19	0.37	5.4	5.6	0.37	2.7	2.9	—	19,887	19,887	0.81	0.16	0.00	19,955
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
2050	2.2	1.8	11	17	0.06	0.29	0.00	0.29	0.27	0.00	0.27	—	5,805	5,805	0.24	0.05	0.00	5,825
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.16	0.16	1.6	8.9	0.01	0.03	0.54	0.57	0.03	0.27	0.30	—	1,581	1,581	0.06	0.01	0.00	1,587
2027	1.1	1.1	18	59	0.09	0.18	0.82	1.0	0.18	0.41	0.58	—	9,451	9,451	0.38	0.08	0.00	9,484
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
2050	0.93	0.78	4.8	7.5	0.02	0.13	0.00	0.13	0.12	0.00	0.12	—	2,497	2,497	0.10	0.02	0.00	2,505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	0.03	0.03	0.30	1.6	< 0.005	0.01	0.10	0.10	0.01	0.05	0.05	—	262	262	0.01	< 0.005	0.00	263
2027	0.20	0.20	3.4	11	0.02	0.03	0.15	0.18	0.03	0.07	0.11	—	1,565	1,565	0.06	0.01	0.00	1,570
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
2050	0.17	0.14	0.87	1.4	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	—	413	413	0.02	< 0.005	0.00	415

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.4	1.4	14	82	0.13	0.26	5.5	5.8	0.26	2.7	2.9	—	13,811	13,811	0.56	0.11	0.00	13,858
2027	2.8	2.8	45	152	0.23	0.45	2.0	2.5	0.45	0.91	1.4	—	24,070	24,070	0.98	0.20	0.00	24,153
2028	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2050	2.2	1.8	11	17	0.06	0.29	0.00	0.29	0.27	0.00	0.27	—	5,805	5,805	0.24	0.05	0.00	5,825
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.53	0.53	5.4	28	0.05	0.10	1.7	1.8	0.10	0.88	0.97	—	5,201	5,201	0.21	0.04	0.00	5,219
2027	2.4	2.4	42	126	0.19	0.37	5.4	5.6	0.37	2.7	2.9	—	19,887	19,887	0.81	0.16	0.00	19,955
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
2050	2.2	1.8	11	17	0.06	0.29	0.00	0.29	0.27	0.00	0.27	—	5,805	5,805	0.24	0.05	0.00	5,825
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.16	0.16	1.6	8.9	0.01	0.03	0.54	0.57	0.03	0.27	0.30	—	1,581	1,581	0.06	0.01	0.00	1,587
2027	1.1	1.1	18	59	0.09	0.18	0.82	1.0	0.18	0.41	0.58	—	9,451	9,451	0.38	0.08	0.00	9,484
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
2050	0.93	0.78	4.8	7.5	0.02	0.13	0.00	0.13	0.12	0.00	0.12	—	2,497	2,497	0.10	0.02	0.00	2,505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.03	0.03	0.30	1.6	< 0.005	0.01	0.10	0.10	0.01	0.05	0.05	—	262	262	0.01	< 0.005	0.00	263

2027	0.20	0.20	3.4	11	0.02	0.03	0.15	0.18	0.03	0.07	0.11	—	1,565	1,565	0.06	0.01	0.00	1,570
2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
2050	0.17	0.14	0.87	1.4	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	—	413	413	0.02	< 0.005	0.00	415

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.08	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	106	106	0.01	0.01	0.23	109
Area	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.09	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	104	104	0.01	0.01	0.01	107
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.01	15
Area	0.03	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.12	0.12	< 0.005	< 0.005	—	0.12
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.7	2.7	< 0.005	< 0.005	—	2.7
Total	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.5	2.5	< 0.005	< 0.005	< 0.005	2.5
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	224	224	0.16	0.02	—	234
Water	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Waste	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Off-Road	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.08	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	106	106	0.01	0.01	0.23	109
Area	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.09	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	104	104	0.01	0.01	0.01	107
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.01	15
Area	0.03	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.12	0.12	< 0.005	< 0.005	—	0.12
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.7	2.7	< 0.005	< 0.005	—	2.7
Total	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.5	2.5	< 0.005	< 0.005	< 0.005	2.5
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	224	224	0.16	0.02	—	234
Water	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Waste	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Off-Road	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

3. Construction Emissions Details

3.1. Decommissioning (2050) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	4.8	7.5	0.02	0.13	—	0.13	0.12	—	0.12	—	2,497	2,497	0.10	0.02	—	2,505

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.87	1.4	< 0.005	0.02	—	0.02	0.02	—	0.02	—	413	413	0.02	< 0.005	—	415
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Decommissioning (2050) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	4.8	7.5	0.02	0.13	—	0.13	0.12	—	0.12	—	2,497	2,497	0.10	0.02	—	2,505

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.87	1.4	< 0.005	0.02	—	0.02	0.02	—	0.02	—	413	413	0.02	< 0.005	—	415
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Access Road Site Preparation, Grading, and Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	2.8	14	0.02	0.04	—	0.04	0.04	—	0.04	—	2,062	2,062	0.08	0.02	—	2,069
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	—	125
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21	21	< 0.005	< 0.005	—	21
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Access Road Site Preparation, Grading, and Paving (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	2.8	14	0.02	0.04	—	0.04	0.04	—	0.04	—	2,062	2,062	0.08	0.02	—	2,069
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	—	125
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21	21	< 0.005	< 0.005	—	21

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. BESS/Substation Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.34	3.9	22	0.03	0.06	—	0.06	0.06	—	0.06	—	3,209	3,209	0.13	0.03	—	3,220
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	106	106	< 0.005	< 0.005	—	106
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17	17	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. BESS/Substation Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.34	0.34	3.9	22	0.03	0.06	—	0.06	0.06	—	0.06	—	3,209	3,209	0.13	0.03	—	3,220
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	106	106	< 0.005	< 0.005	—	106
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17	17	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Switchyard Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.6	18	0.03	0.06	—	0.06	0.06	—	0.06	—	3,338	3,338	0.14	0.03	—	3,350

Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	110	110	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18	18	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Switchyard Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.6	18	0.03	0.06	—	0.06	0.06	—	0.06	—	3,338	3,338	0.14	0.03	—	3,350
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	110	110	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18	18	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506

Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.86	3.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79	79	< 0.005	< 0.005	—	80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.86	3.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79	79	< 0.005	< 0.005	—	80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Switchyard Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	3.0	19	0.03	0.07	—	0.07	0.07	—	0.07	—	3,622	3,622	0.15	0.03	—	3,634
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	1.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	298	298	0.01	< 0.005	—	299
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49	49	< 0.005	< 0.005	—	49
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Switchyard Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.36	0.36	3.0	19	0.03	0.07	—	0.07	0.07	—	0.07	—	3,622	3,622	0.15	0.03	—	3,634
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	1.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	298	298	0.01	< 0.005	—	299
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49	49	< 0.005	< 0.005	—	49
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Oso Creek Stabilization (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.3	6.7	0.01	0.02	—	0.02	0.02	—	0.02	—	1,242	1,242	0.05	0.01	—	1,246
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	1.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	206	206	0.01	< 0.005	—	206
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Oso Creek Stabilization (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.3	6.7	0.01	0.02	—	0.02	0.02	—	0.02	—	1,242	1,242	0.05	0.01	—	1,246
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	1.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	206	206	0.01	< 0.005	—	206

Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Oso Creek Stabilization (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.6	8.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,537	1,537	0.06	0.01	—	1,542
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.29	1.5	< 0.005	0.01	—	0.01	0.01	—	0.01	—	254	254	0.01	< 0.005	—	255
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Oso Creek Stabilization (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.16	0.16	1.6	8.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,537	1,537	0.06	0.01	—	1,542
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.29	1.5	< 0.005	0.01	—	0.01	0.01	—	0.01	—	254	254	0.01	< 0.005	—	255
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Battery/Container and Substation Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.37	0.37	7.5	19	0.03	0.05	—	0.05	0.05	—	0.05	—	2,839	2,839	0.12	0.02	—	2,849
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.4	3.4	0.01	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.18. Battery/Container and Substation Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.37	7.5	19	0.03	0.05	—	0.05	0.05	—	0.05	—	2,839	2,839	0.12	0.02	—	2,849
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.07	0.07	1.4	3.4	0.01	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Switchyard Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	7.3	24	0.04	0.07	—	0.07	0.07	—	0.07	—	3,885	3,885	0.16	0.03	—	3,899
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.3	4.4	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	645
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Switchyard Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	7.3	24	0.04	0.07	—	0.07	0.07	—	0.07	—	3,885	3,885	0.16	0.03	—	3,899
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.3	4.4	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	645
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Loop-in Transmission Line Foundation and Tower Erection (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.38	8.1	20	0.03	0.06	—	0.06	0.06	—	0.06	—	3,039	3,039	0.12	0.02	—	3,049
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.02	0.02	0.44	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	167	167	0.01	< 0.005	—	167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28	28	< 0.005	< 0.005	—	28
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Loop-in Transmission Line Foundation and Tower Erection (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.38	8.1	20	0.03	0.06	—	0.06	0.06	—	0.06	—	3,039	3,039	0.12	0.02	—	3,049
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.44	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	167	167	0.01	< 0.005	—	167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28	28	< 0.005	< 0.005	—	28
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Loop-in Transmission Stringing and Pulling (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29	29	< 0.005	< 0.005	—	29
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Loop-in Transmission Stringing and Pulling (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29	29	< 0.005	< 0.005	—	29
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Landscaping Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70	70	< 0.005	< 0.005	—	70
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12	12	< 0.005	< 0.005	—	12
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.26. Landscaping Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70	70	< 0.005	< 0.005	—	70
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12	12	< 0.005	< 0.005	—	12
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Commissioning (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Commissioning (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Commissioning (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.30. Commissioning (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234
Total	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234
Total	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Total	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Total	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Total	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Total	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Decommissioning	Demolition	1/1/2050	8/9/2050	5.0	157	—

Access Road Site Preparation, Grading, and Paving	Site Preparation	9/1/2026	9/30/2026	5.0	22	—
BESS/Substation Site Preparation	Site Preparation	9/15/2026	9/30/2026	5.0	12	—
Switchyard Site Preparation	Site Preparation	9/15/2026	9/30/2026	5.0	12	—
BESS/Substation Site Grading and Stormwater Detention Structures	Grading	2/16/2027	4/26/2027	5.0	50	—
Switchyard Grading	Grading	2/16/2027	3/29/2027	5.0	30	—
Oso Creek Stabilization	Grading	9/1/2026	5/31/2027	5.0	195	—
Battery/Container and Substation Installation	Building Construction	4/19/2027	12/17/2027	5.0	175	—
Switchyard Installation	Building Construction	3/30/2027	10/25/2027	5.0	150	—
Loop-in Transmission Line Foundation and Tower Erection	Building Construction	8/31/2027	9/27/2027	5.0	20	—
Loop-in Transmission Stringing and Pulling	Building Construction	9/28/2027	10/25/2027	5.0	20	—
Landscaping Installation	Building Construction	9/28/2027	10/25/2027	5.0	20	—
Commissioning	Building Construction	10/26/2027	1/17/2028	5.0	60	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Decommissioning	Tractors/Loaders/Backhoes	Diesel	Average	2.0	8.0	84	0.37
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.0	8.0	33	0.73
Decommissioning	Cranes	Diesel	Average	2.0	8.0	367	0.29

Access Road Site Preparation, Grading, and Paving	Graders	Diesel	Tier 4 Final	1.00	8.0	148	0.41
Access Road Site Preparation, Grading, and Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.0	84	0.37
Access Road Site Preparation, Grading, and Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Access Road Site Preparation, Grading, and Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.0	71	0.37
Access Road Site Preparation, Grading, and Paving	Pavers	Diesel	Tier 4 Final	1.00	8.0	81	0.42
Access Road Site Preparation, Grading, and Paving	Rollers	Diesel	Tier 4 Final	1.00	8.0	36	0.38
BESS/Substation Site Preparation	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
BESS/Substation Site Grading and Stormwater Detention Structures	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41

BESS/Substation Site Grading and Stormwater Detention Structures	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Grading and Stormwater Detention Structures	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Grading and Stormwater Detention Structures	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
BESS/Substation Site Grading and Stormwater Detention Structures	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
BESS/Substation Site Grading and Stormwater Detention Structures	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Grading	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.0	367	0.40
Oso Creek Stabilization	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Oso Creek Stabilization	Pumps	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Generator Sets	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Off-Highway Trucks	Diesel	Tier 4 Final	2.0	8.0	376	0.38

Battery/Container and Substation Installation	Cranes	Diesel	Tier 4 Final	2.0	8.0	367	0.29
Battery/Container and Substation Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Battery/Container and Substation Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Battery/Container and Substation Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Generator Sets	Diesel	Tier 4 Final	4.0	8.0	25	0.74
Battery/Container and Substation Installation	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
Battery/Container and Substation Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Battery/Container and Substation Installation	Skid Steer Loaders	Diesel	Tier 4 Final	4.0	8.0	71	0.37
Switchyard Installation	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Switchyard Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.0	8.0	84	0.37
Switchyard Installation	Aerial Lifts	Diesel	Tier 4 Final	4.0	8.0	46	0.31
Switchyard Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Switchyard Installation	Bore/Drill Rigs	Diesel	Tier 4 Final	2.0	8.0	83	0.50
Switchyard Installation	Excavators	Diesel	Tier 4 Final	1.00	8.0	36	0.38
Switchyard Installation	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Switchyard Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Switchyard Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Switchyard Installation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Installation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Installation	Trenchers	Diesel	Tier 4 Final	4.0	8.0	40	0.50

Loop-in Transmission Line Foundation and Tower Erection	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Loop-in Transmission Line Foundation and Tower Erection	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Line Foundation and Tower Erection	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Loop-in Transmission Line Foundation and Tower Erection	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Pumps	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Welders	Diesel	Tier 4 Final	2.0	8.0	46	0.45
Loop-in Transmission Line Foundation and Tower Erection	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.0	83	0.50
Loop-in Transmission Stringing and Pulling	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Stringing and Pulling	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Loop-in Transmission Stringing and Pulling	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Stringing and Pulling	Aerial Lifts	Diesel	Tier 4 Final	3.0	8.0	46	0.31
Loop-in Transmission Stringing and Pulling	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.0	430	0.42
Landscaping Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Landscaping Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Landscaping Installation	Trenchers	Diesel	Tier 4 Final	2.0	8.0	40	0.50

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Decommissioning	Tractors/Loaders/Backhoes	Diesel	Average	2.0	8.0	84	0.37
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.0	8.0	33	0.73
Decommissioning	Cranes	Diesel	Average	2.0	8.0	367	0.29
Access Road Site Preparation, Grading, and Paving	Graders	Diesel	Tier 4 Final	1.00	8.0	148	0.41
Access Road Site Preparation, Grading, and Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.0	84	0.37
Access Road Site Preparation, Grading, and Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Access Road Site Preparation, Grading, and Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.0	71	0.37
Access Road Site Preparation, Grading, and Paving	Pavers	Diesel	Tier 4 Final	1.00	8.0	81	0.42
Access Road Site Preparation, Grading, and Paving	Rollers	Diesel	Tier 4 Final	1.00	8.0	36	0.38
BESS/Substation Site Preparation	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37

Switchyard Site Preparation	Tractors/Loaders/Back	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
BESS/Substation Site Grading and Stormwater Detention Structures	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Grading and Stormwater Detention Structures	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Grading and Stormwater Detention Structures	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Grading and Stormwater Detention Structures	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
BESS/Substation Site Grading and Stormwater Detention Structures	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
BESS/Substation Site Grading and Stormwater Detention Structures	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Grading	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.0	367	0.40
Oso Creek Stabilization	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38

Oso Creek Stabilization	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Oso Creek Stabilization	Pumps	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Generator Sets	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Off-Highway Trucks	Diesel	Tier 4 Final	2.0	8.0	376	0.38
Battery/Container and Substation Installation	Cranes	Diesel	Tier 4 Final	2.0	8.0	367	0.29
Battery/Container and Substation Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Battery/Container and Substation Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Battery/Container and Substation Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Generator Sets	Diesel	Tier 4 Final	4.0	8.0	25	0.74
Battery/Container and Substation Installation	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
Battery/Container and Substation Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Battery/Container and Substation Installation	Skid Steer Loaders	Diesel	Tier 4 Final	4.0	8.0	71	0.37
Switchyard Installation	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Switchyard Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.0	8.0	84	0.37
Switchyard Installation	Aerial Lifts	Diesel	Tier 4 Final	4.0	8.0	46	0.31
Switchyard Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Switchyard Installation	Bore/Drill Rigs	Diesel	Tier 4 Final	2.0	8.0	83	0.50
Switchyard Installation	Excavators	Diesel	Tier 4 Final	1.00	8.0	36	0.38
Switchyard Installation	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74

Switchyard Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Switchyard Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Switchyard Installation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Installation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Installation	Trenchers	Diesel	Tier 4 Final	4.0	8.0	40	0.50
Loop-in Transmission Line Foundation and Tower Erection	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Loop-in Transmission Line Foundation and Tower Erection	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Line Foundation and Tower Erection	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Loop-in Transmission Line Foundation and Tower Erection	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Pumps	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Welders	Diesel	Tier 4 Final	2.0	8.0	46	0.45
Loop-in Transmission Line Foundation and Tower Erection	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.0	83	0.50
Loop-in Transmission Stringing and Pulling	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Stringing and Pulling	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Loop-in Transmission Stringing and Pulling	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Stringing and Pulling	Aerial Lifts	Diesel	Tier 4 Final	3.0	8.0	46	0.31

Loop-in Transmission Stringing and Pulling	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.0	430	0.42
Landscaping Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Landscaping Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Landscaping Installation	Trenchers	Diesel	Tier 4 Final	2.0	8.0	40	0.50

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Decommissioning	Worker	0.00	40	LDA,LDT1,LDT2
Decommissioning	Vendor	0.00	20	HHDT,MHDT
Decommissioning	Hauling	0.00	20	HHDT
Decommissioning	Onsite truck	—	—	HHDT
Access Road Site Preparation, Grading, and Paving	Worker	0.00	40	LDA,LDT1,LDT2
Access Road Site Preparation, Grading, and Paving	Vendor	0.00	20	HHDT,MHDT
Access Road Site Preparation, Grading, and Paving	Hauling	0.00	20	HHDT
Access Road Site Preparation, Grading, and Paving	Onsite truck	—	—	HHDT
BESS/Substation Site Preparation	Worker	0.00	40	LDA,LDT1,LDT2
BESS/Substation Site Preparation	Vendor	0.00	20	HHDT,MHDT
BESS/Substation Site Preparation	Hauling	0.00	20	HHDT
BESS/Substation Site Preparation	Onsite truck	—	—	HHDT
Switchyard Site Preparation	Worker	0.00	40	LDA,LDT1,LDT2
Switchyard Site Preparation	Vendor	0.00	20	HHDT,MHDT

Switchyard Site Preparation	Hauling	0.00	20	HHDT
Switchyard Site Preparation	Onsite truck	—	—	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Worker	0.00	40	LDA,LDT1,LDT2
BESS/Substation Site Grading and Stormwater Detention Structures	Vendor	0.00	20	HHDT,MHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Hauling	0.00	20	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Onsite truck	—	—	HHDT
Switchyard Grading	Worker	0.00	40	LDA,LDT1,LDT2
Switchyard Grading	Vendor	0.00	20	HHDT,MHDT
Switchyard Grading	Hauling	0.00	20	HHDT
Switchyard Grading	Onsite truck	—	—	HHDT
Oso Creek Stabilization	Worker	0.00	40	LDA,LDT1,LDT2
Oso Creek Stabilization	Vendor	0.00	20	HHDT,MHDT
Oso Creek Stabilization	Hauling	0.00	20	HHDT
Oso Creek Stabilization	Onsite truck	—	—	HHDT
Battery/Container and Substation Installation	Worker	0.00	29	LDA,LDT1,LDT2
Battery/Container and Substation Installation	Vendor	0.00	20	HHDT,MHDT
Battery/Container and Substation Installation	Hauling	0.00	350	HHDT
Battery/Container and Substation Installation	Onsite truck	—	—	HHDT
Switchyard Installation	Worker	0.00	29	LDA,LDT1,LDT2
Switchyard Installation	Vendor	0.00	20	HHDT,MHDT
Switchyard Installation	Hauling	0.00	20	HHDT
Switchyard Installation	Onsite truck	—	—	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Worker	0.00	40	LDA,LDT1,LDT2

Loop-in Transmission Line Foundation and Tower Erection	Vendor	0.00	20	HHDT,MHDT
Loop-in Transmission Line Foundation and Tower Erection	Hauling	0.00	20	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Onsite truck	—	—	HHDT
Loop-in Transmission Stringing and Pulling	Worker	0.00	40	LDA,LDT1,LDT2
Loop-in Transmission Stringing and Pulling	Vendor	0.00	20	HHDT,MHDT
Loop-in Transmission Stringing and Pulling	Hauling	0.00	20	HHDT
Loop-in Transmission Stringing and Pulling	Onsite truck	—	—	HHDT
Landscaping Installation	Worker	0.00	40	LDA,LDT1,LDT2
Landscaping Installation	Vendor	0.00	20	HHDT,MHDT
Landscaping Installation	Hauling	0.00	20	HHDT
Landscaping Installation	Onsite truck	—	—	HHDT
Commissioning	Worker	0.00	29	LDA,LDT1,LDT2
Commissioning	Vendor	0.00	20	HHDT,MHDT
Commissioning	Hauling	0.00	20	HHDT
Commissioning	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Decommissioning	Worker	0.00	40	LDA,LDT1,LDT2
Decommissioning	Vendor	0.00	20	HHDT,MHDT
Decommissioning	Hauling	0.00	20	HHDT
Decommissioning	Onsite truck	—	—	HHDT
Access Road Site Preparation, Grading, and Paving	Worker	0.00	40	LDA,LDT1,LDT2

Access Road Site Preparation, Grading, and Paving	Vendor	0.00	20	HHDT,MHDT
Access Road Site Preparation, Grading, and Paving	Hauling	0.00	20	HHDT
Access Road Site Preparation, Grading, and Paving	Onsite truck	—	—	HHDT
BESS/Substation Site Preparation	Worker	0.00	40	LDA,LDT1,LDT2
BESS/Substation Site Preparation	Vendor	0.00	20	HHDT,MHDT
BESS/Substation Site Preparation	Hauling	0.00	20	HHDT
BESS/Substation Site Preparation	Onsite truck	—	—	HHDT
Switchyard Site Preparation	Worker	0.00	40	LDA,LDT1,LDT2
Switchyard Site Preparation	Vendor	0.00	20	HHDT,MHDT
Switchyard Site Preparation	Hauling	0.00	20	HHDT
Switchyard Site Preparation	Onsite truck	—	—	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Worker	0.00	40	LDA,LDT1,LDT2
BESS/Substation Site Grading and Stormwater Detention Structures	Vendor	0.00	20	HHDT,MHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Hauling	0.00	20	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Onsite truck	—	—	HHDT
Switchyard Grading	Worker	0.00	40	LDA,LDT1,LDT2
Switchyard Grading	Vendor	0.00	20	HHDT,MHDT
Switchyard Grading	Hauling	0.00	20	HHDT
Switchyard Grading	Onsite truck	—	—	HHDT
Oso Creek Stabilization	Worker	0.00	40	LDA,LDT1,LDT2
Oso Creek Stabilization	Vendor	0.00	20	HHDT,MHDT
Oso Creek Stabilization	Hauling	0.00	20	HHDT
Oso Creek Stabilization	Onsite truck	—	—	HHDT

Battery/Container and Substation Installation	Worker	0.00	29	LDA,LDT1,LDT2
Battery/Container and Substation Installation	Vendor	0.00	20	HHDT,MHDT
Battery/Container and Substation Installation	Hauling	0.00	350	HHDT
Battery/Container and Substation Installation	Onsite truck	—	—	HHDT
Switchyard Installation	Worker	0.00	29	LDA,LDT1,LDT2
Switchyard Installation	Vendor	0.00	20	HHDT,MHDT
Switchyard Installation	Hauling	0.00	20	HHDT
Switchyard Installation	Onsite truck	—	—	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Worker	0.00	40	LDA,LDT1,LDT2
Loop-in Transmission Line Foundation and Tower Erection	Vendor	0.00	20	HHDT,MHDT
Loop-in Transmission Line Foundation and Tower Erection	Hauling	0.00	20	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Onsite truck	—	—	HHDT
Loop-in Transmission Stringing and Pulling	Worker	0.00	40	LDA,LDT1,LDT2
Loop-in Transmission Stringing and Pulling	Vendor	0.00	20	HHDT,MHDT
Loop-in Transmission Stringing and Pulling	Hauling	0.00	20	HHDT
Loop-in Transmission Stringing and Pulling	Onsite truck	—	—	HHDT
Landscaping Installation	Worker	0.00	40	LDA,LDT1,LDT2
Landscaping Installation	Vendor	0.00	20	HHDT,MHDT
Landscaping Installation	Hauling	0.00	20	HHDT
Landscaping Installation	Onsite truck	—	—	HHDT
Commissioning	Worker	0.00	29	LDA,LDT1,LDT2

Commissioning	Vendor	0.00	20	HHDT,MHDT
Commissioning	Hauling	0.00	20	HHDT
Commissioning	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Decommissioning	0.00	0.00	0.00	—	0.00
Access Road Site Preparation, Grading, and Paving	—	—	11	0.00	0.00
BESS/Substation Site Preparation	—	—	12	0.00	0.00
Switchyard Site Preparation	—	—	12	0.00	0.00
BESS/Substation Site Grading and Stormwater Detention Structures	—	76,142	60	0.00	0.00
Switchyard Grading	—	—	30	0.00	0.00
Oso Creek Stabilization	—	—	98	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	589	0.03	< 0.005
2050	0.00	589	0.03	< 0.005
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	4.0	0.00	209	0.00	80	0.00	4,171

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	4.0	0.00	209	0.00	80	0.00	4,171

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
General Light Industry	Wood Fireplaces	0	0
General Light Industry	Gas Fireplaces	0	0
General Light Industry	Propane Fireplaces	0	0

General Light Industry	Electric Fireplaces	0	0
General Light Industry	No Fireplaces	0	0
General Light Industry	Conventional Wood Stoves	0	0
General Light Industry	Catalytic Wood Stoves	0	0
General Light Industry	Non-Catalytic Wood Stoves	0	0
General Light Industry	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

—	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
undefined	0.00	0.00	1,500	500	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	10,950,000	45	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	10,950,000	45	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	231,250	777,622

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	231,250	777,622

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1.2	0.00

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1.2	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	User Defined	R-134a	1,430	10,422	0.60	0.00	5.0

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	User Defined	R-134a	1,430	10,422	0.60	0.00	5.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Cranes	Diesel	Average	1.00	8.0	367	0.29

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Cranes	Diesel	Average	1.00	8.0	367	0.29

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	9.0	annual days of extreme heat
Extreme Precipitation	4.3	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	5.9	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	67
AQ-PM	42

AQ-DPM	35
Drinking Water	36
Lead Risk Housing	10
Pesticides	2.3
Toxic Releases	37
Traffic	93
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	70
Impaired Water Bodies	59
Solid Waste	53
Sensitive Population	—
Asthma	3.4
Cardio-vascular	8.2
Low Birth Weights	3.1
Socioeconomic Factor Indicators	—
Education	29
Housing	65
Linguistic	19
Poverty	15
Unemployment	75

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	82.44578468

Employed	58.03926601
Median HI	68.99781856
Education	—
Bachelor's or higher	74.74656743
High school enrollment	100
Preschool enrollment	95.7141024
Transportation	—
Auto Access	36.01950468
Active commuting	33.64557937
Social	—
2-parent households	46.67008854
Voting	59.42512511
Neighborhood	—
Alcohol availability	74.40010266
Park access	31.695111
Retail density	61.63223406
Supermarket access	61.29860131
Tree canopy	84.65289362
Housing	—
Homeownership	65.75131528
Housing habitability	60.19504684
Low-inc homeowner severe housing cost burden	55.30604389
Low-inc renter severe housing cost burden	16.2966765
Uncrowded housing	73.51469267
Health Outcomes	—
Insured adults	89.3750802
Arthritis	0.0
Asthma ER Admissions	88.2

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	57.9
Cognitively Disabled	29.3
Physically Disabled	37.2
Heart Attack ER Admissions	76.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	64.0
Elderly	27.8
English Speaking	46.8
Foreign-born	40.6
Outdoor Workers	93.4

Climate Change Adaptive Capacity	—
Impervious Surface Cover	78.7
Traffic Density	85.7
Traffic Access	23.0
Other Indices	—
Hardship	28.0
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	16
Healthy Places Index Score for Project Location (b)	78
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	Based on project description.
Construction: Off-Road Equipment	Based on project description.
Construction: Dust From Material Movement	Based on Grading Plan
Construction: Trips and VMT	No mobile for LST.
Operations: Fleet Mix	Worker vehicles and delivery trucks.
Operations: Energy Use	Auxiliary load for BESS. No natural gas use.
Operations: Refrigerants	Based on information provided by the project applicant.
Operations: Off-Road Equipment	Crane used to place BESS.

Appendix 4.1B
Ambient Air Quality Analysis

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BEEST_2017-2021_COSUM 119

Compass_2017-2021_CO 127

BEEST_2017-2021_SO2SUM 717

Compass_2017-2021_SO2 735

BEEST_2017-2021_NO2SUM 1325

Compass_2017-2021_NO2 1333

BEEST_2017-2021_PM_2.5SUM 2120

Compass_2017-2021_PM_2.5 2128

BEEST_2017-2021_PM_10SUM 2522

Compass_2017-2021_PM_10 2530

Compass Lead 3 month sum 2924

leadlog 2942

01_2017_12_2021_3_month_max_concs_rec 2945

Compass30dayleadsum 3142

CompassADOlead30day 3148

7439921_GLCMAX30DAY 4959

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3.2. Decommissioning (2050) - Mitigated

3.3. Access Road Site Preparation, Grading, and Paving (2026) - Unmitigated

3.4. Access Road Site Preparation, Grading, and Paving (2026) - Mitigated

3.5. BESS/Substation Site Preparation (2026) - Unmitigated

3.6. BESS/Substation Site Preparation (2026) - Mitigated

3.7. Switchyard Site Preparation (2026) - Unmitigated

3.8. Switchyard Site Preparation (2026) - Mitigated

3.9. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Unmitigated

3.10. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Mitigated

3.11. Switchyard Grading (2027) - Unmitigated

3.12. Switchyard Grading (2027) - Mitigated

3.13. Oso Creek Stabilization (2026) - Unmitigated

3.14. Oso Creek Stabilization (2026) - Mitigated

3.15. Oso Creek Stabilization (2027) - Unmitigated

3.16. Oso Creek Stabilization (2027) - Mitigated

3.17. Battery/Container and Substation Installation (2027) - Unmitigated

3.18. Battery/Container and Substation Installation (2027) - Mitigated

3.19. Switchyard Installation (2027) - Unmitigated

3.20. Switchyard Installation (2027) - Mitigated

3.21. Loop-in Transmission Line Foundation and Tower Erection (2027) - Unmitigated

3.22. Loop-in Transmission Line Foundation and Tower Erection (2027) - Mitigated

3.23. Loop-in Transmission Stringing and Pulling (2027) - Unmitigated

3.24. Loop-in Transmission Stringing and Pulling (2027) - Mitigated

3.25. Landscaping Installation (2027) - Unmitigated

3.26. Landscaping Installation (2027) - Mitigated

3.27. Commissioning (2027) - Unmitigated

3.28. Commissioning (2027) - Mitigated

3.29. Commissioning (2028) - Unmitigated

3.30. Commissioning (2028) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

8.1. Justifications

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Compass BESS AAQA
Construction Start Date	9/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.5
Precipitation (days)	14
Location	33.53869809751579, -117.67788147939777
County	Orange
City	San Juan Capistrano
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	6052
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	Southern California Gas
App Version	2022.1.1.33

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	1.00	1000sqft	0.02	1,000	60,000	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-9	Use Dust Suppressants
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.5	3.3	48	155	0.24	0.46	5.6	5.8	0.46	2.7	2.9	—	24,674	24,674	1.2	0.30	0.48	24,792
Mit.	3.5	3.3	48	155	0.24	0.46	5.6	5.8	0.46	2.7	2.9	—	24,674	24,674	1.2	0.30	0.48	24,792
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.8	2.7	43	127	0.19	0.37	5.5	5.7	0.37	2.7	2.9	—	20,050	20,050	0.92	0.24	0.01	20,128
Mit.	2.8	2.7	43	127	0.19	0.37	5.5	5.7	0.37	2.7	2.9	—	20,050	20,050	0.92	0.24	0.01	20,128
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.4	1.3	19	60	0.09	0.18	0.85	1.0	0.18	0.41	0.59	—	9,584	9,584	0.43	0.10	0.05	9,624
Mit.	1.4	1.3	19	60	0.09	0.18	0.85	1.0	0.18	0.41	0.59	—	9,584	9,584	0.43	0.10	0.05	9,624
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.24	3.5	11	0.02	0.03	0.15	0.19	0.03	0.08	0.11	—	1,587	1,587	0.07	0.02	0.01	1,593
Mit.	0.25	0.24	3.5	11	0.02	0.03	0.15	0.19	0.03	0.08	0.11	—	1,587	1,587	0.07	0.02	0.01	1,593
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.9	1.8	14	84	0.13	0.26	5.6	5.8	0.26	2.7	2.9	—	13,988	13,988	0.62	0.14	0.19	14,047
2027	3.5	3.3	48	155	0.24	0.46	2.1	2.5	0.46	0.93	1.4	—	24,674	24,674	1.2	0.30	0.48	24,792
2028	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2050	2.2	1.9	11	18	0.06	0.29	0.01	0.30	0.27	< 0.005	0.27	—	5,821	5,821	0.24	0.05	< 0.005	5,842
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.59	0.58	5.4	28	0.05	0.10	1.7	1.8	0.10	0.88	0.97	—	5,215	5,215	0.22	0.04	< 0.005	5,234
2027	2.8	2.7	43	127	0.19	0.37	5.5	5.7	0.37	2.7	2.9	—	20,050	20,050	0.92	0.24	0.01	20,128
2028	0.39	0.37	0.10	1.2	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	52	52	0.02	0.01	< 0.005	56
2050	2.2	1.9	11	18	0.06	0.29	0.01	0.30	0.27	< 0.005	0.27	—	5,821	5,821	0.24	0.05	< 0.005	5,842
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.19	0.19	1.7	9.0	0.01	0.03	0.54	0.57	0.03	0.27	0.30	—	1,592	1,592	0.07	0.01	0.01	1,598
2027	1.4	1.3	19	60	0.09	0.18	0.85	1.0	0.18	0.41	0.59	—	9,584	9,584	0.43	0.10	0.05	9,624
2028	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.7	1.7	< 0.005	< 0.005	< 0.005	1.9
2050	0.95	0.80	4.8	7.5	0.02	0.13	< 0.005	0.13	0.12	< 0.005	0.12	—	2,504	2,504	0.10	0.02	< 0.005	2,513
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	0.03	0.03	0.31	1.6	< 0.005	0.01	0.10	0.10	0.01	0.05	0.05	—	264	264	0.01	< 0.005	< 0.005	265
2027	0.25	0.24	3.5	11	0.02	0.03	0.15	0.19	0.03	0.08	0.11	—	1,587	1,587	0.07	0.02	0.01	1,593
2028	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31
2050	0.17	0.15	0.87	1.4	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	415	415	0.02	< 0.005	< 0.005	416

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.9	1.8	14	84	0.13	0.26	5.6	5.8	0.26	2.7	2.9	—	13,988	13,988	0.62	0.14	0.19	14,047
2027	3.5	3.3	48	155	0.24	0.46	2.1	2.5	0.46	0.93	1.4	—	24,674	24,674	1.2	0.30	0.48	24,792
2028	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
2050	2.2	1.9	11	18	0.06	0.29	0.01	0.30	0.27	< 0.005	0.27	—	5,821	5,821	0.24	0.05	< 0.005	5,842
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.59	0.58	5.4	28	0.05	0.10	1.7	1.8	0.10	0.88	0.97	—	5,215	5,215	0.22	0.04	< 0.005	5,234
2027	2.8	2.7	43	127	0.19	0.37	5.5	5.7	0.37	2.7	2.9	—	20,050	20,050	0.92	0.24	0.01	20,128
2028	0.39	0.37	0.10	1.2	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	52	52	0.02	0.01	< 0.005	56
2050	2.2	1.9	11	18	0.06	0.29	0.01	0.30	0.27	< 0.005	0.27	—	5,821	5,821	0.24	0.05	< 0.005	5,842
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.19	0.19	1.7	9.0	0.01	0.03	0.54	0.57	0.03	0.27	0.30	—	1,592	1,592	0.07	0.01	0.01	1,598
2027	1.4	1.3	19	60	0.09	0.18	0.85	1.0	0.18	0.41	0.59	—	9,584	9,584	0.43	0.10	0.05	9,624
2028	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.7	1.7	< 0.005	< 0.005	< 0.005	1.9
2050	0.95	0.80	4.8	7.5	0.02	0.13	< 0.005	0.13	0.12	< 0.005	0.12	—	2,504	2,504	0.10	0.02	< 0.005	2,513
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.03	0.03	0.31	1.6	< 0.005	0.01	0.10	0.10	0.01	0.05	0.05	—	264	264	0.01	< 0.005	< 0.005	265

2027	0.25	0.24	3.5	11	0.02	0.03	0.15	0.19	0.03	0.08	0.11	—	1,587	1,587	0.07	0.02	0.01	1,593
2028	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31
2050	0.17	0.15	0.87	1.4	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	415	415	0.02	< 0.005	< 0.005	416

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.08	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	106	106	0.01	0.01	0.23	109
Area	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.09	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	104	104	0.01	0.01	0.01	107
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.01	15
Area	0.03	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.12	0.12	< 0.005	< 0.005	—	0.12
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.7	2.7	< 0.005	< 0.005	—	2.7
Total	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.5	2.5	< 0.005	< 0.005	< 0.005	2.5
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	224	224	0.16	0.02	—	234
Water	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Waste	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Off-Road	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.08	0.17	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	106	106	0.01	0.01	0.23	109
Area	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.47	0.39	3.1	3.3	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,450	2,451	1.1	0.14	540	3,062
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.09	0.15	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	104	104	0.01	0.01	0.01	107
Area	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.46	0.38	3.1	3.2	0.01	0.13	0.06	0.19	0.12	0.02	0.13	1.1	2,448	2,449	1.1	0.14	540	3,060
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15	15	< 0.005	< 0.005	0.01	15
Area	0.03	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.12	0.12	< 0.005	< 0.005	—	0.12
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,353	1,353	0.99	0.12	—	1,413
Water	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Waste	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Off-Road	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.7	2.7	< 0.005	< 0.005	—	2.7
Total	0.03	0.03	0.02	0.06	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.1	1,371	1,373	1.1	0.12	540	1,977
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.5	2.5	< 0.005	< 0.005	< 0.005	2.5
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	224	224	0.16	0.02	—	234
Water	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Waste	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Off-Road	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.18	227	227	0.18	0.02	89	327

3. Construction Emissions Details

3.1. Decommissioning (2050) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	4.8	7.5	0.02	0.13	—	0.13	0.12	—	0.12	—	2,497	2,497	0.10	0.02	—	2,505

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.87	1.4	< 0.005	0.02	—	0.02	0.02	—	0.02	—	413	413	0.02	< 0.005	—	415
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11	11	< 0.005	< 0.005	< 0.005	12
Vendor	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.1	5.1	< 0.005	< 0.005	< 0.005	5.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11	11	< 0.005	< 0.005	< 0.005	12
Vendor	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.2	5.2	< 0.005	< 0.005	< 0.005	5.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.6	4.6	< 0.005	< 0.005	< 0.005	4.9
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.77	0.77	< 0.005	< 0.005	< 0.005	0.81

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Decommissioning (2050) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.2	1.8	11	17	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.93	0.78	4.8	7.5	0.02	0.13	—	0.13	0.12	—	0.12	—	2,497	2,497	0.10	0.02	—	2,505

Demoliti	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.87	1.4	< 0.005	0.02	—	0.02	0.02	—	0.02	—	413	413	0.02	< 0.005	—	415
Demolition	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.13	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11	11	< 0.005	< 0.005	< 0.005	12
Vendor	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.1	5.1	< 0.005	< 0.005	< 0.005	5.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11	11	< 0.005	< 0.005	< 0.005	12
Vendor	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.2	5.2	< 0.005	< 0.005	< 0.005	5.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.6	4.6	< 0.005	< 0.005	< 0.005	4.9
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.2	2.2	< 0.005	< 0.005	< 0.005	2.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.77	0.77	< 0.005	< 0.005	< 0.005	0.81

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Access Road Site Preparation, Grading, and Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	2.8	14	0.02	0.04	—	0.04	0.04	—	0.04	—	2,062	2,062	0.08	0.02	—	2,069
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	—	125
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21	21	< 0.005	< 0.005	—	21
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.29	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14	14	0.01	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	0.03	0.01	0.29	0.21	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	49	49	0.02	0.01	0.03	51
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.9	2.9	< 0.005	< 0.005	< 0.005	3.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.52

3.4. Access Road Site Preparation, Grading, and Paving (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.22	2.8	14	0.02	0.04	—	0.04	0.04	—	0.04	—	2,062	2,062	0.08	0.02	—	2,069
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.17	0.87	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	—	125
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21	21	< 0.005	< 0.005	—	21

Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.29	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14	14	0.01	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	0.03	0.01	0.29	0.21	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	49	49	0.02	0.01	0.03	51
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.88
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.9	2.9	< 0.005	< 0.005	< 0.005	3.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.52

3.5. BESS/Substation Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.34	3.9	22	0.03	0.06	—	0.06	0.06	—	0.06	—	3,209	3,209	0.13	0.03	—	3,220
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	106	106	< 0.005	< 0.005	—	106
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17	17	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.29	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14	14	0.01	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	0.03	0.01	0.29	0.21	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	49	49	0.02	0.01	0.03	51
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.6	1.6	< 0.005	< 0.005	< 0.005	1.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.28

3.6. BESS/Substation Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.34	0.34	3.9	22	0.03	0.06	—	0.06	0.06	—	0.06	—	3,209	3,209	0.13	0.03	—	3,220
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.74	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	106	106	< 0.005	< 0.005	—	106
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17	17	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.29	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14	14	0.01	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	0.03	0.01	0.29	0.21	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	49	49	0.02	0.01	0.03	51
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.6	1.6	< 0.005	< 0.005	< 0.005	1.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.28

3.7. Switchyard Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.6	18	0.03	0.06	—	0.06	0.06	—	0.06	—	3,338	3,338	0.14	0.03	—	3,350

Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	110	110	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18	18	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.29	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14	14	0.01	< 0.005	0.02	15

Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.9	4.9	< 0.005	< 0.005	< 0.005	5.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03

3.8. Switchyard Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	0.31	1.6	18	0.03	0.06	—	0.06	0.06	—	0.06	—	3,338	3,338	0.14	0.03	—	3,350
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	110	110	< 0.005	< 0.005	—	110
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.06	0.06	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18	18	< 0.005	< 0.005	—	18
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.29	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14	14	0.01	< 0.005	0.02	15
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.9	4.9	< 0.005	< 0.005	< 0.005	5.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.24
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03

3.9. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506

Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.86	3.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79	79	< 0.005	< 0.005	—	80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.28	0.11	2.7	2.0	0.01	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	456	456	0.16	0.08	0.30	482

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.26	0.10	2.8	2.1	0.01	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	460	460	0.16	0.08	0.01	487
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.8	1.8	< 0.005	< 0.005	< 0.005	2.0
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.98
Hauling	0.04	0.01	0.38	0.28	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	63	63	0.02	0.01	0.02	66
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Hauling	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10	10	< 0.005	< 0.005	< 0.005	11

3.10. BESS/Substation Site Grading and Stormwater Detention Structures (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.42	6.2	26	0.03	0.07	—	0.07	0.07	—	0.07	—	3,494	3,494	0.14	0.03	—	3,506
Dust From Material Movement	—	—	—	—	—	—	0.30	0.30	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.06	0.86	3.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.16	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79	79	< 0.005	< 0.005	—	80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.28	0.11	2.7	2.0	0.01	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	456	456	0.16	0.08	0.30	482
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.26	0.10	2.8	2.1	0.01	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	460	460	0.16	0.08	0.01	487
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.8	1.8	< 0.005	< 0.005	< 0.005	2.0
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	< 0.005	0.98
Hauling	0.04	0.01	0.38	0.28	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	63	63	0.02	0.01	0.02	66
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Hauling	0.01	< 0.005	0.07	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10	10	< 0.005	< 0.005	< 0.005	11

3.11. Switchyard Grading (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	3.0	19	0.03	0.07	—	0.07	0.07	—	0.07	—	3,622	3,622	0.15	0.03	—	3,634
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	1.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	298	298	0.01	< 0.005	—	299
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49	49	< 0.005	< 0.005	—	49
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.56	0.56	< 0.005	< 0.005	< 0.005	0.59
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.19
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Switchyard Grading (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.36	0.36	3.0	19	0.03	0.07	—	0.07	0.07	—	0.07	—	3,622	3,622	0.15	0.03	—	3,634
Dust From Material Movement	—	—	—	—	—	—	3.4	3.4	—	1.8	1.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	1.6	< 0.005	0.01	—	0.01	0.01	—	0.01	—	298	298	0.01	< 0.005	—	299
Dust From Material Movement	—	—	—	—	—	—	0.28	0.28	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	49	49	< 0.005	< 0.005	—	49
Dust From Material Movement	—	—	—	—	—	—	0.05	0.05	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.56	0.56	< 0.005	< 0.005	< 0.005	0.59
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.19
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.10
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Oso Creek Stabilization (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.3	6.7	0.01	0.02	—	0.02	0.02	—	0.02	—	1,242	1,242	0.05	0.01	—	1,246
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	1.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	206	206	0.01	< 0.005	—	206
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.4
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.17	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.7	6.7	< 0.005	< 0.005	< 0.005	7.2
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.0	7.0	< 0.005	< 0.005	< 0.005	7.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.6	1.6	< 0.005	< 0.005	< 0.005	1.7
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.7	1.7	< 0.005	< 0.005	< 0.005	1.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Oso Creek Stabilization (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	1.3	6.7	0.01	0.02	—	0.02	0.02	—	0.02	—	1,242	1,242	0.05	0.01	—	1,246
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.23	1.2	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	206	206	0.01	< 0.005	—	206

Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.4
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	0.01	7.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.17	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.7	6.7	< 0.005	< 0.005	< 0.005	7.2
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.0	7.0	< 0.005	< 0.005	< 0.005	7.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.6	1.6	< 0.005	< 0.005	< 0.005	1.7
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.7	1.7	< 0.005	< 0.005	< 0.005	1.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.29
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Oso Creek Stabilization (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.6	8.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,537	1,537	0.06	0.01	—	1,542
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.29	1.5	< 0.005	0.01	—	0.01	0.01	—	0.01	—	254	254	0.01	< 0.005	—	255
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.7	6.7	< 0.005	< 0.005	0.01	7.2
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.6	6.6	< 0.005	< 0.005	< 0.005	7.1
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.0	2.0	< 0.005	< 0.005	< 0.005	2.1
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.0	2.0	< 0.005	< 0.005	< 0.005	2.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.35

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Oso Creek Stabilization (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.53	0.53	5.4	28	0.05	0.10	—	0.10	0.10	—	0.10	—	5,201	5,201	0.21	0.04	—	5,219
Dust From Material Movement	—	—	—	—	—	—	1.7	1.7	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.16	0.16	1.6	8.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,537	1,537	0.06	0.01	—	1,542
Dust From Material Movement	—	—	—	—	—	—	0.50	0.50	—	0.26	0.26	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.03	0.03	0.29	1.5	< 0.005	0.01	—	0.01	0.01	—	0.01	—	254	254	0.01	< 0.005	—	255
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.14	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.7	6.7	< 0.005	< 0.005	0.01	7.2
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.6	6.6	< 0.005	< 0.005	< 0.005	7.1
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.0	2.0	< 0.005	< 0.005	< 0.005	2.1

Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.0	2.0	< 0.005	< 0.005	< 0.005	2.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	0.35
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.33	0.33	< 0.005	< 0.005	< 0.005	0.35
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Battery/Container and Substation Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.37	0.37	7.5	19	0.03	0.05	—	0.05	0.05	—	0.05	—	2,839	2,839	0.12	0.02	—	2,849
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.07	1.4	3.4	0.01	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	0.02	0.01	0.19	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	0.04	36
Hauling	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	0.01	20
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	0.02	0.01	0.20	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	< 0.005	36
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	< 0.005	20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.3	6.3	< 0.005	< 0.005	< 0.005	6.8
Vendor	0.01	< 0.005	0.09	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.01	17
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.2	9.2	< 0.005	< 0.005	< 0.005	9.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.1

Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.7	2.7	< 0.005	< 0.005	< 0.005	2.8
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.5	1.5	< 0.005	< 0.005	< 0.005	1.6

3.18. Battery/Container and Substation Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.77	16	39	0.06	0.11	—	0.11	0.11	—	0.11	—	5,921	5,921	0.24	0.05	—	5,942
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.37	7.5	19	0.03	0.05	—	0.05	0.05	—	0.05	—	2,839	2,839	0.12	0.02	—	2,849
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.07	0.07	1.4	3.4	0.01	0.01	—	0.01	0.01	—	0.01	—	470	470	0.02	< 0.005	—	472
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	0.02	0.01	0.19	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	0.04	36
Hauling	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	0.01	20
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	0.02	0.01	0.20	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	< 0.005	36
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	< 0.005	20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.15	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.3	6.3	< 0.005	< 0.005	< 0.005	6.8
Vendor	0.01	< 0.005	0.09	0.07	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	16	16	< 0.005	< 0.005	0.01	17
Hauling	0.01	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.2	9.2	< 0.005	< 0.005	< 0.005	9.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.7	2.7	< 0.005	< 0.005	< 0.005	2.8
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.5	1.5	< 0.005	< 0.005	< 0.005	1.6

3.19. Switchyard Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	7.3	24	0.04	0.07	—	0.07	0.07	—	0.07	—	3,885	3,885	0.16	0.03	—	3,899
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.3	4.4	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	645
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	0.02	0.01	0.19	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	0.04	36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	0.02	0.01	0.20	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	< 0.005	36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.4	5.4	< 0.005	< 0.005	< 0.005	5.9
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.01	15
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.97
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.3	2.3	< 0.005	< 0.005	< 0.005	2.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.20. Switchyard Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.1	1.1	18	58	0.09	0.17	—	0.17	0.17	—	0.17	—	9,454	9,454	0.38	0.08	—	9,487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.45	7.3	24	0.04	0.07	—	0.07	0.07	—	0.07	—	3,885	3,885	0.16	0.03	—	3,899
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.08	1.3	4.4	0.01	0.01	—	0.01	0.01	—	0.01	—	643	643	0.03	0.01	—	645
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	0.02	0.01	0.19	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	0.04	36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	0.02	0.01	0.20	0.15	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	34	34	0.01	0.01	< 0.005	36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	5.4	5.4	< 0.005	< 0.005	< 0.005	5.9
Vendor	0.01	< 0.005	0.08	0.06	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14	14	< 0.005	< 0.005	0.01	15
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.90	0.90	< 0.005	< 0.005	< 0.005	0.97
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.3	2.3	< 0.005	< 0.005	< 0.005	2.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Loop-in Transmission Line Foundation and Tower Erection (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.38	8.1	20	0.03	0.06	—	0.06	0.06	—	0.06	—	3,039	3,039	0.12	0.02	—	3,049
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.02	0.02	0.44	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	167	167	0.01	< 0.005	—	167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28	28	< 0.005	< 0.005	—	28
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.4	3.4	< 0.005	< 0.005	0.01	3.6
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.22. Loop-in Transmission Line Foundation and Tower Erection (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	0.38	8.1	20	0.03	0.06	—	0.06	0.06	—	0.06	—	3,039	3,039	0.12	0.02	—	3,049
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.44	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	167	167	0.01	< 0.005	—	167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	28	28	< 0.005	< 0.005	—	28
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.4	3.4	< 0.005	< 0.005	0.01	3.6
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Loop-in Transmission Stringing and Pulling (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29	29	< 0.005	< 0.005	—	29
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.7	2.7	< 0.005	< 0.005	< 0.005	2.9
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.6	2.6	< 0.005	< 0.005	< 0.005	2.8
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.24. Loop-in Transmission Stringing and Pulling (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	5.1	19	0.03	0.06	—	0.06	0.06	—	0.06	—	3,232	3,232	0.13	0.03	—	3,243
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.28	1.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	177	177	0.01	< 0.005	—	178
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29	29	< 0.005	< 0.005	—	29
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.05	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.7	2.7	< 0.005	< 0.005	< 0.005	2.9
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.6	2.6	< 0.005	< 0.005	< 0.005	2.8
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.02	0.02	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Landscaping Installation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70	70	< 0.005	< 0.005	—	70
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12	12	< 0.005	< 0.005	—	12
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	0.01	20
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	< 0.005	20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.78
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.13
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18

3.26. Landscaping Installation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	3.6	8.9	0.01	0.02	—	0.02	0.02	—	0.02	—	1,279	1,279	0.05	0.01	—	1,283
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.49	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70	70	< 0.005	< 0.005	—	70
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12	12	< 0.005	< 0.005	—	12
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.02	0.27	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	0.02	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.8	6.8	< 0.005	< 0.005	0.01	7.1
Hauling	0.01	< 0.005	0.11	0.08	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	0.01	20
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.10	0.03	0.32	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13	13	0.01	< 0.005	< 0.005	14
Vendor	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.2
Hauling	0.01	< 0.005	0.12	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	19	19	0.01	< 0.005	< 0.005	20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.78
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.37	0.37	< 0.005	< 0.005	< 0.005	0.39
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.13
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.07
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18

3.27. Commissioning (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.39	0.10	1.3	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	53	53	0.02	0.01	< 0.005	57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.28. Commissioning (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.40	0.39	0.10	1.3	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	53	53	0.02	0.01	< 0.005	57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	6.9	6.9	< 0.005	< 0.005	< 0.005	7.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.1	1.1	< 0.005	< 0.005	< 0.005	1.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Commissioning (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.39	0.37	0.10	1.2	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	52	52	0.02	0.01	< 0.005	56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.7	1.7	< 0.005	< 0.005	< 0.005	1.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.30. Commissioning (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.37	0.10	1.2	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	52	52	0.02	0.01	< 0.005	56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.7	1.7	< 0.005	< 0.005	< 0.005	1.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.31
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234
Total	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,353	1,353	0.99	0.12	—	1,413
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234
Total	—	—	—	—	—	—	—	—	—	—	—	—	224	224	0.16	0.02	—	234

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Total	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	0.01	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Total	0.03	0.03	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.18	0.18	< 0.005	< 0.005	—	0.18
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Total	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Total	—	—	—	—	—	—	—	—	—	—	—	0.44	0.70	1.1	0.05	< 0.005	—	2.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44
Total	—	—	—	—	—	—	—	—	—	—	—	0.07	0.12	0.19	0.01	< 0.005	—	0.44

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	0.00	0.67	0.07	0.00	—	2.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39
Total	—	—	—	—	—	—	—	—	—	—	—	0.11	0.00	0.11	0.01	0.00	—	0.39

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	540	540
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89	89

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Total	0.42	0.35	3.0	3.1	0.01	0.12	—	0.12	0.11	—	0.11	—	991	991	0.04	0.01	—	994
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cranes	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.45	0.45	< 0.005	< 0.005	—	0.45

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Decommissioning	Demolition	1/1/2050	8/9/2050	5.0	157	—

Access Road Site Preparation, Grading, and Paving	Site Preparation	9/1/2026	9/30/2026	5.0	22	—
BESS/Substation Site Preparation	Site Preparation	9/15/2026	9/30/2026	5.0	12	—
Switchyard Site Preparation	Site Preparation	9/15/2026	9/30/2026	5.0	12	—
BESS/Substation Site Grading and Stormwater Detention Structures	Grading	2/16/2027	4/26/2027	5.0	50	—
Switchyard Grading	Grading	2/16/2027	3/29/2027	5.0	30	—
Oso Creek Stabilization	Grading	9/1/2026	5/31/2027	5.0	195	—
Battery/Container and Substation Installation	Building Construction	4/19/2027	12/17/2027	5.0	175	—
Switchyard Installation	Building Construction	3/30/2027	10/25/2027	5.0	150	—
Loop-in Transmission Line Foundation and Tower Erection	Building Construction	8/31/2027	9/27/2027	5.0	20	—
Loop-in Transmission Stringing and Pulling	Building Construction	9/28/2027	10/25/2027	5.0	20	—
Landscaping Installation	Building Construction	9/28/2027	10/25/2027	5.0	20	—
Commissioning	Building Construction	10/26/2027	1/17/2028	5.0	60	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Decommissioning	Tractors/Loaders/Backhoes	Diesel	Average	2.0	8.0	84	0.37
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.0	8.0	33	0.73
Decommissioning	Cranes	Diesel	Average	2.0	8.0	367	0.29

Access Road Site Preparation, Grading, and Paving	Graders	Diesel	Tier 4 Final	1.00	8.0	148	0.41
Access Road Site Preparation, Grading, and Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.0	84	0.37
Access Road Site Preparation, Grading, and Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Access Road Site Preparation, Grading, and Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.0	71	0.37
Access Road Site Preparation, Grading, and Paving	Pavers	Diesel	Tier 4 Final	1.00	8.0	81	0.42
Access Road Site Preparation, Grading, and Paving	Rollers	Diesel	Tier 4 Final	1.00	8.0	36	0.38
BESS/Substation Site Preparation	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
BESS/Substation Site Grading and Stormwater Detention Structures	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41

BESS/Substation Site Grading and Stormwater Detention Structures	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Grading and Stormwater Detention Structures	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Grading and Stormwater Detention Structures	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
BESS/Substation Site Grading and Stormwater Detention Structures	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
BESS/Substation Site Grading and Stormwater Detention Structures	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Grading	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.0	367	0.40
Oso Creek Stabilization	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Oso Creek Stabilization	Pumps	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Generator Sets	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Off-Highway Trucks	Diesel	Tier 4 Final	2.0	8.0	376	0.38

Battery/Container and Substation Installation	Cranes	Diesel	Tier 4 Final	2.0	8.0	367	0.29
Battery/Container and Substation Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Battery/Container and Substation Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Battery/Container and Substation Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Generator Sets	Diesel	Tier 4 Final	4.0	8.0	25	0.74
Battery/Container and Substation Installation	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
Battery/Container and Substation Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Battery/Container and Substation Installation	Skid Steer Loaders	Diesel	Tier 4 Final	4.0	8.0	71	0.37
Switchyard Installation	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Switchyard Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.0	8.0	84	0.37
Switchyard Installation	Aerial Lifts	Diesel	Tier 4 Final	4.0	8.0	46	0.31
Switchyard Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Switchyard Installation	Bore/Drill Rigs	Diesel	Tier 4 Final	2.0	8.0	83	0.50
Switchyard Installation	Excavators	Diesel	Tier 4 Final	1.00	8.0	36	0.38
Switchyard Installation	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Switchyard Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Switchyard Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Switchyard Installation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Installation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Installation	Trenchers	Diesel	Tier 4 Final	4.0	8.0	40	0.50

Loop-in Transmission Line Foundation and Tower Erection	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Loop-in Transmission Line Foundation and Tower Erection	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Line Foundation and Tower Erection	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Loop-in Transmission Line Foundation and Tower Erection	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Pumps	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Welders	Diesel	Tier 4 Final	2.0	8.0	46	0.45
Loop-in Transmission Line Foundation and Tower Erection	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.0	83	0.50
Loop-in Transmission Stringing and Pulling	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Stringing and Pulling	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Loop-in Transmission Stringing and Pulling	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Stringing and Pulling	Aerial Lifts	Diesel	Tier 4 Final	3.0	8.0	46	0.31
Loop-in Transmission Stringing and Pulling	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.0	430	0.42
Landscaping Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Landscaping Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Landscaping Installation	Trenchers	Diesel	Tier 4 Final	2.0	8.0	40	0.50

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Decommissioning	Tractors/Loaders/Backhoes	Diesel	Average	2.0	8.0	84	0.37
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.0	8.0	367	0.40
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.0	8.0	33	0.73
Decommissioning	Cranes	Diesel	Average	2.0	8.0	367	0.29
Access Road Site Preparation, Grading, and Paving	Graders	Diesel	Tier 4 Final	1.00	8.0	148	0.41
Access Road Site Preparation, Grading, and Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.0	84	0.37
Access Road Site Preparation, Grading, and Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Access Road Site Preparation, Grading, and Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.0	71	0.37
Access Road Site Preparation, Grading, and Paving	Pavers	Diesel	Tier 4 Final	1.00	8.0	81	0.42
Access Road Site Preparation, Grading, and Paving	Rollers	Diesel	Tier 4 Final	1.00	8.0	36	0.38
BESS/Substation Site Preparation	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Preparation	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37

Switchyard Site Preparation	Tractors/Loaders/Back	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
BESS/Substation Site Grading and Stormwater Detention Structures	Graders	Diesel	Tier 4 Final	2.0	8.0	148	0.41
BESS/Substation Site Grading and Stormwater Detention Structures	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
BESS/Substation Site Grading and Stormwater Detention Structures	Rubber Tired Loaders	Diesel	Tier 4 Final	2.0	8.0	150	0.36
BESS/Substation Site Grading and Stormwater Detention Structures	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
BESS/Substation Site Grading and Stormwater Detention Structures	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
BESS/Substation Site Grading and Stormwater Detention Structures	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Switchyard Grading	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Oso Creek Stabilization	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.0	367	0.40
Oso Creek Stabilization	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38

Oso Creek Stabilization	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.0	150	0.36
Oso Creek Stabilization	Pumps	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Generator Sets	Diesel	Tier 4 Final	1.00	8.0	25	0.74
Oso Creek Stabilization	Off-Highway Trucks	Diesel	Tier 4 Final	2.0	8.0	376	0.38
Battery/Container and Substation Installation	Cranes	Diesel	Tier 4 Final	2.0	8.0	367	0.29
Battery/Container and Substation Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Battery/Container and Substation Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Battery/Container and Substation Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Generator Sets	Diesel	Tier 4 Final	4.0	8.0	25	0.74
Battery/Container and Substation Installation	Plate Compactors	Diesel	Tier 4 Final	2.0	8.0	25	0.43
Battery/Container and Substation Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Battery/Container and Substation Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Battery/Container and Substation Installation	Skid Steer Loaders	Diesel	Tier 4 Final	4.0	8.0	71	0.37
Switchyard Installation	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Switchyard Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.0	8.0	84	0.37
Switchyard Installation	Aerial Lifts	Diesel	Tier 4 Final	4.0	8.0	46	0.31
Switchyard Installation	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Switchyard Installation	Bore/Drill Rigs	Diesel	Tier 4 Final	2.0	8.0	83	0.50
Switchyard Installation	Excavators	Diesel	Tier 4 Final	1.00	8.0	36	0.38
Switchyard Installation	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74

Switchyard Installation	Rollers	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Switchyard Installation	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.0	8.0	96	0.40
Switchyard Installation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.0	8.0	367	0.40
Switchyard Installation	Skid Steer Loaders	Diesel	Tier 4 Final	2.0	8.0	71	0.37
Switchyard Installation	Trenchers	Diesel	Tier 4 Final	4.0	8.0	40	0.50
Loop-in Transmission Line Foundation and Tower Erection	Cranes	Diesel	Tier 4 Final	1.00	8.0	367	0.29
Loop-in Transmission Line Foundation and Tower Erection	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Line Foundation and Tower Erection	Air Compressors	Diesel	Tier 4 Final	2.0	8.0	37	0.48
Loop-in Transmission Line Foundation and Tower Erection	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Pumps	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Line Foundation and Tower Erection	Welders	Diesel	Tier 4 Final	2.0	8.0	46	0.45
Loop-in Transmission Line Foundation and Tower Erection	Bore/Drill Rigs	Diesel	Tier 4 Final	1.00	8.0	83	0.50
Loop-in Transmission Stringing and Pulling	Forklifts	Diesel	Tier 4 Final	1.00	8.0	82	0.20
Loop-in Transmission Stringing and Pulling	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Loop-in Transmission Stringing and Pulling	Generator Sets	Diesel	Tier 4 Final	2.0	8.0	25	0.74
Loop-in Transmission Stringing and Pulling	Aerial Lifts	Diesel	Tier 4 Final	3.0	8.0	46	0.31

Loop-in Transmission Stringing and Pulling	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.0	430	0.42
Landscaping Installation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.0	8.0	84	0.37
Landscaping Installation	Excavators	Diesel	Tier 4 Final	2.0	8.0	36	0.38
Landscaping Installation	Trenchers	Diesel	Tier 4 Final	2.0	8.0	40	0.50

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Decommissioning	Worker	40	0.25	LDA,LDT1,LDT2
Decommissioning	Vendor	4.0	0.25	HHDT,MHDT
Decommissioning	Hauling	0.00	0.25	HHDT
Decommissioning	Onsite truck	—	—	HHDT
Access Road Site Preparation, Grading, and Paving	Worker	40	0.25	LDA,LDT1,LDT2
Access Road Site Preparation, Grading, and Paving	Vendor	4.0	0.25	HHDT,MHDT
Access Road Site Preparation, Grading, and Paving	Hauling	20	0.25	HHDT
Access Road Site Preparation, Grading, and Paving	Onsite truck	—	—	HHDT
BESS/Substation Site Preparation	Worker	40	0.25	LDA,LDT1,LDT2
BESS/Substation Site Preparation	Vendor	4.0	0.25	HHDT,MHDT
BESS/Substation Site Preparation	Hauling	20	0.25	HHDT
BESS/Substation Site Preparation	Onsite truck	—	—	HHDT
Switchyard Site Preparation	Worker	40	0.25	LDA,LDT1,LDT2
Switchyard Site Preparation	Vendor	4.0	0.25	HHDT,MHDT

Switchyard Site Preparation	Hauling	2.0	0.25	HHDT
Switchyard Site Preparation	Onsite truck	—	—	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Worker	40	0.25	LDA,LDT1,LDT2
BESS/Substation Site Grading and Stormwater Detention Structures	Vendor	4.0	0.25	HHDT,MHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Hauling	190	0.25	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Onsite truck	—	—	HHDT
Switchyard Grading	Worker	40	0.25	LDA,LDT1,LDT2
Switchyard Grading	Vendor	4.0	0.25	HHDT,MHDT
Switchyard Grading	Hauling	0.00	0.25	HHDT
Switchyard Grading	Onsite truck	—	—	HHDT
Oso Creek Stabilization	Worker	20	0.25	LDA,LDT1,LDT2
Oso Creek Stabilization	Vendor	4.0	0.25	HHDT,MHDT
Oso Creek Stabilization	Hauling	0.00	20	HHDT
Oso Creek Stabilization	Onsite truck	—	—	HHDT
Battery/Container and Substation Installation	Worker	40	0.25	LDA,LDT1,LDT2
Battery/Container and Substation Installation	Vendor	20	0.25	HHDT,MHDT
Battery/Container and Substation Installation	Hauling	8.0	0.25	HHDT
Battery/Container and Substation Installation	Onsite truck	—	—	HHDT
Switchyard Installation	Worker	40	0.25	LDA,LDT1,LDT2
Switchyard Installation	Vendor	20	0.25	HHDT,MHDT
Switchyard Installation	Hauling	0.00	20	HHDT
Switchyard Installation	Onsite truck	—	—	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Worker	10.0	0.25	LDA,LDT1,LDT2

Loop-in Transmission Line Foundation and Tower Erection	Vendor	4.0	0.25	HHDT,MHDT
Loop-in Transmission Line Foundation and Tower Erection	Hauling	0.00	20	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Onsite truck	—	—	HHDT
Loop-in Transmission Stringing and Pulling	Worker	8.0	0.25	LDA,LDT1,LDT2
Loop-in Transmission Stringing and Pulling	Vendor	4.0	0.25	HHDT,MHDT
Loop-in Transmission Stringing and Pulling	Hauling	0.00	20	HHDT
Loop-in Transmission Stringing and Pulling	Onsite truck	—	—	HHDT
Landscaping Installation	Worker	40	0.25	LDA,LDT1,LDT2
Landscaping Installation	Vendor	4.0	0.25	HHDT,MHDT
Landscaping Installation	Hauling	8.0	0.25	HHDT
Landscaping Installation	Onsite truck	—	—	HHDT
Commissioning	Worker	160	0.25	LDA,LDT1,LDT2
Commissioning	Vendor	0.00	20	HHDT,MHDT
Commissioning	Hauling	0.00	20	HHDT
Commissioning	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Decommissioning	Worker	40	0.25	LDA,LDT1,LDT2
Decommissioning	Vendor	4.0	0.25	HHDT,MHDT
Decommissioning	Hauling	0.00	0.25	HHDT
Decommissioning	Onsite truck	—	—	HHDT
Access Road Site Preparation, Grading, and Paving	Worker	40	0.25	LDA,LDT1,LDT2

Access Road Site Preparation, Grading, and Paving	Vendor	4.0	0.25	HHDT,MHDT
Access Road Site Preparation, Grading, and Paving	Hauling	20	0.25	HHDT
Access Road Site Preparation, Grading, and Paving	Onsite truck	—	—	HHDT
BESS/Substation Site Preparation	Worker	40	0.25	LDA,LDT1,LDT2
BESS/Substation Site Preparation	Vendor	4.0	0.25	HHDT,MHDT
BESS/Substation Site Preparation	Hauling	20	0.25	HHDT
BESS/Substation Site Preparation	Onsite truck	—	—	HHDT
Switchyard Site Preparation	Worker	40	0.25	LDA,LDT1,LDT2
Switchyard Site Preparation	Vendor	4.0	0.25	HHDT,MHDT
Switchyard Site Preparation	Hauling	2.0	0.25	HHDT
Switchyard Site Preparation	Onsite truck	—	—	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Worker	40	0.25	LDA,LDT1,LDT2
BESS/Substation Site Grading and Stormwater Detention Structures	Vendor	4.0	0.25	HHDT,MHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Hauling	190	0.25	HHDT
BESS/Substation Site Grading and Stormwater Detention Structures	Onsite truck	—	—	HHDT
Switchyard Grading	Worker	40	0.25	LDA,LDT1,LDT2
Switchyard Grading	Vendor	4.0	0.25	HHDT,MHDT
Switchyard Grading	Hauling	0.00	0.25	HHDT
Switchyard Grading	Onsite truck	—	—	HHDT
Oso Creek Stabilization	Worker	20	0.25	LDA,LDT1,LDT2
Oso Creek Stabilization	Vendor	4.0	0.25	HHDT,MHDT
Oso Creek Stabilization	Hauling	0.00	20	HHDT
Oso Creek Stabilization	Onsite truck	—	—	HHDT

Battery/Container and Substation Installation	Worker	40	0.25	LDA,LDT1,LDT2
Battery/Container and Substation Installation	Vendor	20	0.25	HHDT,MHDT
Battery/Container and Substation Installation	Hauling	8.0	0.25	HHDT
Battery/Container and Substation Installation	Onsite truck	—	—	HHDT
Switchyard Installation	Worker	40	0.25	LDA,LDT1,LDT2
Switchyard Installation	Vendor	20	0.25	HHDT,MHDT
Switchyard Installation	Hauling	0.00	20	HHDT
Switchyard Installation	Onsite truck	—	—	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Worker	10.0	0.25	LDA,LDT1,LDT2
Loop-in Transmission Line Foundation and Tower Erection	Vendor	4.0	0.25	HHDT,MHDT
Loop-in Transmission Line Foundation and Tower Erection	Hauling	0.00	20	HHDT
Loop-in Transmission Line Foundation and Tower Erection	Onsite truck	—	—	HHDT
Loop-in Transmission Stringing and Pulling	Worker	8.0	0.25	LDA,LDT1,LDT2
Loop-in Transmission Stringing and Pulling	Vendor	4.0	0.25	HHDT,MHDT
Loop-in Transmission Stringing and Pulling	Hauling	0.00	20	HHDT
Loop-in Transmission Stringing and Pulling	Onsite truck	—	—	HHDT
Landscaping Installation	Worker	40	0.25	LDA,LDT1,LDT2
Landscaping Installation	Vendor	4.0	0.25	HHDT,MHDT
Landscaping Installation	Hauling	8.0	0.25	HHDT
Landscaping Installation	Onsite truck	—	—	HHDT
Commissioning	Worker	160	0.25	LDA,LDT1,LDT2

Commissioning	Vendor	0.00	20	HHDT,MHDT
Commissioning	Hauling	0.00	20	HHDT
Commissioning	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Decommissioning	0.00	0.00	0.00	—	0.00
Access Road Site Preparation, Grading, and Paving	—	—	11	0.00	0.00
BESS/Substation Site Preparation	—	—	12	0.00	0.00
Switchyard Site Preparation	—	—	12	0.00	0.00
BESS/Substation Site Grading and Stormwater Detention Structures	—	76,142	60	0.00	0.00
Switchyard Grading	—	—	30	0.00	0.00
Oso Creek Stabilization	—	—	98	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	589	0.03	< 0.005
2050	0.00	589	0.03	< 0.005
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	4.0	0.00	209	0.00	80	0.00	4,171

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	4.0	0.00	209	0.00	80	0.00	4,171

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
General Light Industry	Wood Fireplaces	0	0
General Light Industry	Gas Fireplaces	0	0
General Light Industry	Propane Fireplaces	0	0

General Light Industry	Electric Fireplaces	0	0
General Light Industry	No Fireplaces	0	0
General Light Industry	Conventional Wood Stoves	0	0
General Light Industry	Catalytic Wood Stoves	0	0
General Light Industry	Non-Catalytic Wood Stoves	0	0
General Light Industry	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

—	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
undefined	0.00	0.00	1,500	500	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	10,950,000	45	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	10,950,000	45	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	231,250	777,622

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	231,250	777,622

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1.2	0.00

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	1.2	0.00

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	User Defined	R-134a	1,430	10,422	0.60	0.00	5.0

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	User Defined	R-134a	1,430	10,422	0.60	0.00	5.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Cranes	Diesel	Average	1.00	8.0	367	0.29

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Cranes	Diesel	Average	1.00	8.0	367	0.29

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	9.0	annual days of extreme heat
Extreme Precipitation	4.3	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	5.9	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	67
AQ-PM	42

AQ-DPM	35
Drinking Water	36
Lead Risk Housing	10
Pesticides	2.3
Toxic Releases	37
Traffic	93
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	70
Impaired Water Bodies	59
Solid Waste	53
Sensitive Population	—
Asthma	3.4
Cardio-vascular	8.2
Low Birth Weights	3.1
Socioeconomic Factor Indicators	—
Education	29
Housing	65
Linguistic	19
Poverty	15
Unemployment	75

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	82.44578468

Employed	58.03926601
Median HI	68.99781856
Education	—
Bachelor's or higher	74.74656743
High school enrollment	100
Preschool enrollment	95.7141024
Transportation	—
Auto Access	36.01950468
Active commuting	33.64557937
Social	—
2-parent households	46.67008854
Voting	59.42512511
Neighborhood	—
Alcohol availability	74.40010266
Park access	31.695111
Retail density	61.63223406
Supermarket access	61.29860131
Tree canopy	84.65289362
Housing	—
Homeownership	65.75131528
Housing habitability	60.19504684
Low-inc homeowner severe housing cost burden	55.30604389
Low-inc renter severe housing cost burden	16.2966765
Uncrowded housing	73.51469267
Health Outcomes	—
Insured adults	89.3750802
Arthritis	0.0
Asthma ER Admissions	88.2

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	57.9
Cognitively Disabled	29.3
Physically Disabled	37.2
Heart Attack ER Admissions	76.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	64.0
Elderly	27.8
English Speaking	46.8
Foreign-born	40.6
Outdoor Workers	93.4

Climate Change Adaptive Capacity	—
Impervious Surface Cover	78.7
Traffic Density	85.7
Traffic Access	23.0
Other Indices	—
Hardship	28.0
Other Decision Support	—
2016 Voting	81.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	16
Healthy Places Index Score for Project Location (b)	78
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	Based on project description.
Construction: Off-Road Equipment	Based on project description.
Construction: Dust From Material Movement	Based on Grading Plan
Construction: Trips and VMT	Based on project description.
Operations: Fleet Mix	Worker vehicles and delivery trucks.
Operations: Energy Use	Auxiliary load for BESS. No natural gas use.
Operations: Refrigerants	Based on information provided by the project applicant.
Operations: Off-Road Equipment	Crane used to place BESS.

 *** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **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 =      3.8 MB of RAM.

 **Input Runstream File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-CO\BEEST_2017-2021_CO.DTA

 **Output Print File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-CO\BEEST_2017-2021_CO.LST


 **File for Summary of Results:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-CO\BEEST_2017-2021_CO.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        16:53:28

                                PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                          (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

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

Surface file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93184 Upper air station no.: 3190
Name: J. WAYNE-ORANGE COUNTY AIRPORT, CA 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)
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


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

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

ALL      HIGH   1ST HIGH VALUE IS      19.05995  ON 19021217: AT (  436970.60,
3710769.10,    68.51,   211.60,    0.00)  DC
         HIGH   8TH HIGH VALUE IS      13.18414  ON 19072206: AT (  437021.21,
3710584.54,    65.64,   211.60,    0.00)  DC


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

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*
```

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID	AVERAGE	CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH	1ST HIGH VALUE IS	11.67918	ON 21020308: AT (437021.21, 3710584.54, 65.64, 211.60, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT 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    1374       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
 ME W187    1374       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 (24142 ): C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc       11/18/25
* AERMET ( 22112):
      16:53:28
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH  1-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
* ____________  ____________  ____________   ______   ______   ______  ______
________  ________  ________  ________
  437003.71000 3710828.00000       4.10260    68.46   211.60     0.00    1-HR  ALL
      1ST               20122620
  437026.67000 3710827.15000       3.26919    67.05   211.60     0.00    1-HR  ALL
      1ST               20022307
  437049.64000 3710826.30000       2.74788    65.99   211.60     0.00    1-HR  ALL
      1ST               20022307
  437072.60000 3710825.45000       2.50370    65.37   211.60     0.00    1-HR  ALL
      1ST               17070719
  437095.56000 3710824.60000       2.30603    65.10   211.60     0.00    1-HR  ALL
      1ST               17070719
  437118.52000 3710823.75000       2.06925    64.96   211.60     0.00    1-HR  ALL
      1ST               17070719
  437141.49000 3710822.90000       1.85943    64.83   211.60     0.00    1-HR  ALL
      1ST               17070719
  437164.45000 3710822.05000       1.69125    64.68   211.60     0.00    1-HR  ALL
      1ST               17070719
  437005.56000 3710877.96000       2.93060    69.70   211.60     0.00    1-HR  ALL
      1ST               20122620
  437028.52000 3710877.11000       2.74807    68.21   211.60     0.00    1-HR  ALL
      1ST               20122620
  437051.48000 3710876.26000       2.36656    66.84   211.60     0.00    1-HR  ALL
      1ST               20101722
  437074.45000 3710875.41000       2.17338    65.86   211.60     0.00    1-HR  ALL
      1ST               20022307
  437097.41000 3710874.56000       1.96393    65.46   211.60     0.00    1-HR  ALL
      1ST               20022307
  437120.37000 3710873.71000       1.77015    65.31   211.60     0.00    1-HR  ALL
      1ST               20022307
  437143.34000 3710872.86000       1.61394    65.17   211.60     0.00    1-HR  ALL
      1ST               21021920
  437166.30000 3710872.01000       1.49528    65.03   211.60     0.00    1-HR  ALL
      1ST               18052223
  437007.41000 3710927.93000       2.80626    72.19   205.14     0.00    1-HR  ALL
      1ST               17010717
  437030.37000 3710927.08000       2.22216    69.67   205.14     0.00    1-HR  ALL
```

```
    1ST                20122620
437053.33000 3710926.23000       2.03941    68.00   205.14     0.00    1-HR  ALL
    1ST                20122620
437076.30000 3710925.38000       1.85638    66.54   205.14     0.00    1-HR  ALL
    1ST                20101722
437099.26000 3710924.53000       1.77508    65.88   210.88     0.00    1-HR  ALL
    1ST                20022307
437122.22000 3710923.68000       1.65616    65.61   210.88     0.00    1-HR  ALL
    1ST                20022307
437145.19000 3710922.83000       1.51836    65.43   210.88     0.00    1-HR  ALL
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* AERMET ( 22112):
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* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   8TH HIGH  1-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
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* AERMET ( 22112):
       16:53:28
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH  8-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
* ______________  ______________  ______________   ______   ______   ______  ______
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436263.52000 3711918.68000       0.21381   112.82   175.59     0.00    8-HR  ALL
    1ST               20031324
436246.21000 3711903.87000       0.19570   111.74   175.59     0.00    8-HR  ALL
    1ST               20031324
436228.91000 3711889.06000       0.18233   111.48   175.59     0.00    8-HR  ALL
    1ST               17042808
436211.60000 3711874.26000       0.19392   109.48   175.59     0.00    8-HR  ALL
    1ST               17042808
436194.29000 3711859.45000       0.20224   109.28   175.59     0.00    8-HR  ALL
    1ST               17042808
436176.98000 3711844.64000       0.20924   108.64   175.59     0.00    8-HR  ALL
    1ST               17042808
436159.67000 3711829.83000       0.21395   108.46   175.59     0.00    8-HR  ALL
    1ST               17042808
436142.37000 3711815.02000       0.21664   108.18   175.59     0.00    8-HR  ALL
    1ST               17042808
436125.06000 3711800.21000       0.21708   107.95   175.59     0.00    8-HR  ALL
    1ST               17042808
436107.75000 3711785.41000       0.21530   107.71   175.59     0.00    8-HR  ALL
    1ST               17042808
436090.44000 3711770.60000       0.21141   107.41   175.59     0.00    8-HR  ALL
    1ST               17042808
436073.13000 3711755.79000       0.21165   107.18   175.30     0.00    8-HR  ALL
    1ST               17010208
436055.83000 3711740.98000       0.21042   106.73   162.03     0.00    8-HR  ALL
    1ST               17010208
436038.52000 3711726.17000       0.20605   105.87   162.03     0.00    8-HR  ALL
    1ST               17010208
436021.21000 3711711.36000       0.20383   105.04   162.03     0.00    8-HR  ALL
    1ST               20052208
436003.90000 3711696.56000       0.20370   103.96   162.03     0.00    8-HR  ALL
    1ST               20052208
435986.59000 3711681.75000       0.20148   102.33   162.03     0.00    8-HR  ALL
    1ST               18052208
435969.29000 3711666.94000       0.20848   101.19   162.03     0.00    8-HR  ALL
    1ST               19020308
435951.98000 3711652.13000       0.22051   100.53   162.03     0.00    8-HR  ALL
    1ST               19020308
435830.82000 3711548.47000       0.24046    97.58   155.69     0.00    8-HR  ALL
    1ST               19011508
435796.21000 3711518.86000       0.24198    98.00   155.69     0.00    8-HR  ALL
    1ST               19011508
437340.56000 3712136.64000       0.18676    78.45   175.59     0.00    8-HR  ALL
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437343.73000 3712231.85000       0.17833    82.30   175.59     0.00    8-HR  ALL
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437298.49000 3712229.04000       0.17666    85.68   175.59     0.00    8-HR  ALL
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    1ST                19072708
437275.87000 3712227.64000       0.17176    86.57   175.59     0.00    8-HR  ALL
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437253.25000 3712226.23000       0.16474    87.34   175.59     0.00    8-HR  ALL
    1ST                19072708
437230.64000 3712224.83000       0.15522    88.95   175.59     0.00    8-HR  ALL
    1ST                19072708
437208.02000 3712223.42000       0.15723    90.91   175.59     0.00    8-HR  ALL
    1ST                20042424
437185.40000 3712222.02000       0.16259    92.63   175.59     0.00    8-HR  ALL
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437162.78000 3712220.61000       0.17623    94.27   175.59     0.00    8-HR  ALL
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437140.16000 3712219.21000       0.18950    96.10   175.59     0.00    8-HR  ALL
    1ST                21071124
437117.54000 3712217.80000       0.20111    97.83   175.59     0.00    8-HR  ALL
    1ST                21071124
437094.92000 3712216.40000       0.21116    99.77   175.59     0.00    8-HR  ALL
    1ST                21071124
437072.31000 3712214.99000       0.21801   101.38   175.59     0.00    8-HR  ALL
    1ST                21071124
437049.69000 3712213.59000       0.22222   103.19   175.59     0.00    8-HR  ALL
    1ST                21071124
437004.45000 3712210.78000       0.21893   114.82   155.77     0.00    8-HR  ALL
    1ST                21071124
436959.21000 3712207.97000       0.17546   136.03   147.10     0.00    8-HR  ALL
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436936.59000 3712206.57000       0.16836   143.89   143.89     0.00    8-HR  ALL
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436913.98000 3712205.16000       0.16964   144.50   144.50     0.00    8-HR  ALL
    1ST                20090624
436891.36000 3712203.76000       0.16827   144.40   144.40     0.00    8-HR  ALL
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436868.74000 3712202.35000       0.16577   143.99   143.99     0.00    8-HR  ALL
    1ST                17072508
436846.12000 3712200.95000       0.16803   143.13   143.13     0.00    8-HR  ALL
    1ST                17072508
436823.50000 3712199.54000       0.16786   141.53   143.95     0.00    8-HR  ALL
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436710.41000 3712192.52000       0.18820   136.28   155.77     0.00    8-HR  ALL
    1ST                21071208
436687.79000 3712191.11000       0.18649   137.36   155.14     0.00    8-HR  ALL
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436665.17000 3712189.71000       0.18240   138.04   155.92     0.00    8-HR  ALL
    1ST                21071208
436642.55000 3712188.31000       0.17519   139.44   155.92     0.00    8-HR  ALL
    1ST                21071208
436619.93000 3712186.90000       0.16473   142.29   155.92     0.00    8-HR  ALL
    1ST                21071208
436597.31000 3712185.50000       0.15478   145.80   150.38     0.00    8-HR  ALL
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    1ST                21102924
436574.70000 3712184.09000       0.15705   147.38   155.82     0.00    8-HR  ALL
    1ST                17102808
436552.08000 3712182.69000       0.15658   148.09   155.82     0.00    8-HR  ALL
    1ST                21102924
436529.46000 3712181.28000       0.15689   149.33   156.10     0.00    8-HR  ALL
    1ST                21102924
436506.84000 3712179.88000       0.15632   151.70   155.82     0.00    8-HR  ALL
    1ST                21102924
436484.22000 3712178.47000       0.15602   153.27   153.27     0.00    8-HR  ALL
    1ST                21102924
436461.60000 3712177.07000       0.15629   153.61   153.61     0.00    8-HR  ALL
    1ST                20020824
436438.98000 3712175.66000       0.15645   152.55   154.19     0.00    8-HR  ALL
    1ST                21102924
436399.15000 3712159.53000       0.17190   149.24   149.24     0.00    8-HR  ALL
    1ST                20031324
436381.93000 3712144.79000       0.18578   149.32   149.32     0.00    8-HR  ALL
    1ST                20031324
436364.71000 3712130.06000       0.19766   148.81   148.81     0.00    8-HR  ALL
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436347.49000 3712115.33000       0.20820   145.11   149.58     0.00    8-HR  ALL
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436330.27000 3712100.59000       0.21676   140.37   149.84     0.00    8-HR  ALL
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436313.05000 3712085.86000       0.22233   136.03   156.06     0.00    8-HR  ALL
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436295.83000 3712071.13000       0.22216   133.97   156.06     0.00    8-HR  ALL
    1ST                20031324
436278.61000 3712056.40000       0.21754   132.59   156.06     0.00    8-HR  ALL
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436261.39000 3712041.66000       0.20918   131.44   149.84     0.00    8-HR  ALL
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436244.17000 3712026.93000       0.19429   132.90   149.61     0.00    8-HR  ALL
    1ST                20031324
436226.95000 3712012.20000       0.17559   135.62   141.43     0.00    8-HR  ALL
    1ST                20031324
436209.73000 3711997.46000       0.15516   138.84   141.38     0.00    8-HR  ALL
    1ST                20031324
436192.51000 3711982.73000       0.13601   139.94   139.94     0.00    8-HR  ALL
    1ST                20031324
436175.29000 3711968.00000       0.13502   140.49   140.49     0.00    8-HR  ALL
    1ST                17042808
436158.07000 3711953.27000       0.14466   138.35   140.96     0.00    8-HR  ALL
    1ST                17042808
436140.85000 3711938.53000       0.15553   134.43   141.43     0.00    8-HR  ALL
    1ST                17042808
436123.63000 3711923.80000       0.16928   127.92   141.43     0.00    8-HR  ALL
    1ST                17042808
436106.41000 3711909.07000       0.18322   121.05   141.43     0.00    8-HR  ALL
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436089.19000 3711894.33000       0.19008   117.88   141.43     0.00    8-HR  ALL
    1ST               17042808
436071.97000 3711879.60000       0.19148   117.17   141.43     0.00    8-HR  ALL
    1ST               17042808
436054.75000 3711864.87000       0.19046   116.81   141.43     0.00    8-HR  ALL
    1ST               17042808
436037.53000 3711850.14000       0.18800   116.42   141.43     0.00    8-HR  ALL
    1ST               17010208
436020.31000 3711835.40000       0.19309   114.26   141.43     0.00    8-HR  ALL
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436003.09000 3711820.67000       0.19545   111.22   141.43     0.00    8-HR  ALL
    1ST               17010208
435985.87000 3711805.94000       0.19349   110.06   141.43     0.00    8-HR  ALL
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435968.65000 3711791.20000       0.19027   108.79   141.43     0.00    8-HR  ALL
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435951.43000 3711776.47000       0.19290   107.99   141.43     0.00    8-HR  ALL
    1ST               20052208
435934.21000 3711761.74000       0.19206   106.23   141.43     0.00    8-HR  ALL
    1ST               20052208
435916.99000 3711747.01000       0.18969   105.14   141.43     0.00    8-HR  ALL
    1ST               20052208
435899.77000 3711732.27000       0.19250   104.47   141.20     0.00    8-HR  ALL
    1ST               19020308
435882.55000 3711717.54000       0.20445   101.68   141.43     0.00    8-HR  ALL
    1ST               19020308
435865.34000 3711702.81000       0.21191    98.49   141.43     0.00    8-HR  ALL
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435727.58000 3711584.95000       0.22160    95.58   154.79     0.00    8-HR  ALL
    1ST               19011508
435710.36000 3711570.21000       0.21996    95.71   154.79     0.00    8-HR  ALL
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436970.60000 3710769.10000       7.53224    68.51   211.60     0.00    8-HR  ALL
    1ST               19021224
436955.72000 3710755.71000       6.94742    70.49   211.60     0.00    8-HR  ALL
    1ST               19021224
436964.65000 3710655.98000       9.46033    69.13   211.60     0.00    8-HR  ALL
    1ST               21020308
437021.21000 3710584.54000      11.67918    65.64   211.60     0.00    8-HR  ALL
    1ST               21020308
437018.23000 3710502.68000       8.58800    68.99   211.60     0.00    8-HR  ALL
    1ST               21020308
437036.09000 3710435.70000       5.97070    68.89   211.60     0.00    8-HR  ALL
    1ST               21020308
437094.14000 3710349.37000       1.15468    62.96   211.60     0.00    8-HR  ALL
    1ST               20090924
437061.39000 3710282.39000       0.68858    66.23   211.60     0.00    8-HR  ALL
    1ST               17022724
437037.58000 3710213.93000       0.44589    69.84   211.60     0.00    8-HR  ALL
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    1ST               17022724
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    1ST               17021224
437070.32000 3710115.69000       0.28873    66.17   211.60     0.00    8-HR  ALL
    1ST               17022724
437123.91000 3710072.53000       0.22853    56.80   211.60     0.00    8-HR  ALL
    1ST               17020324
437222.14000 3710135.04000       0.28956    62.85   211.60     0.00    8-HR  ALL
    1ST               20090924
437186.42000 3710196.07000       0.38284    62.85   211.60     0.00    8-HR  ALL
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437176.00000 3710245.18000       0.49999    62.32   211.60     0.00    8-HR  ALL
    1ST               20090924
437195.35000 3710271.98000       0.55223    62.16   211.60     0.00    8-HR  ALL
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437262.33000 3710316.63000       0.51504    63.44   211.60     0.00    8-HR  ALL
    1ST               18020124
437296.56000 3710364.26000       0.48201    64.35   211.60     0.00    8-HR  ALL
    1ST               19012824
437295.07000 3710425.28000       0.56516    65.66   211.60     0.00    8-HR  ALL
    1ST               21021024
437305.49000 3710466.96000       0.57222    69.66   211.60     0.00    8-HR  ALL
    1ST               21021024
437274.24000 3710557.75000       0.71914    67.68   211.60     0.00    8-HR  ALL
    1ST               19020524
437244.47000 3710642.59000       0.86078    66.46   211.60     0.00    8-HR  ALL
    1ST               19040424
437260.84000 3710791.43000       0.56161    67.57   211.60     0.00    8-HR  ALL
    1ST               19040424
437210.23000 3710813.76000       0.63207    60.83   211.60     0.00    8-HR  ALL
    1ST               21081208
437162.60000 3710772.08000       0.98122    64.51   211.60     0.00    8-HR  ALL
    1ST               19122924
437001.86000 3710778.03000       3.79666    66.48   211.60     0.00    8-HR  ALL
    1ST               17013124
436979.53000 3710783.99000       4.75701    67.59   211.60     0.00    8-HR  ALL
    1ST               19021224
```

 *** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

                                              ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
                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 =      3.8 MB of RAM.

 **Input Runstream File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-SO2\BEEST_2017-2021_SO2.DTA

 **Output Print File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-SO2\BEEST_2017-2021_SO2.LST


 **File for Summary of Results:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-SO2\BEEST_2017-2021_SO2.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        19:00:58

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*
```

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

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

Surface file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93184 Upper air station no.: 3190
Name: J. WAYNE-ORANGE COUNTY AIRPORT, CA 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)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        19:00:58

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF SO2      IN MICROGRAMS/M**3
             **

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

ALL      HIGH   1ST HIGH VALUE IS       0.02945  ON 19021217: AT (  436970.60,
3710769.10,    68.51,   211.60,    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   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
```

                                                *** THE SUMMARY OF HIGHEST 3-HR
RESULTS ***

                                  ** CONC OF SO2   IN MICROGRAMS/M**3
            **

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

 *** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

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

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

 A Total of   0 Fatal Error Message(s)
 A Total of   282 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   ********
 CO W276   12   POLLID: Special proc for 1h-NO2/SO2 24hPM25 NAAQS disabled
  SO2 H1H
 ME W186   1374   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
 ME W187   1374   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W734   1161   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017021809
 CN W734   1164   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017021812
 CN W734   1167   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017021815
 CN W734   1170   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017021818
 CN W732   1176   AVER: 24-hr avg, < 18 hours of data, calms policy used.

2017021824
 CN W734   4974   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017072706
 CN W734   5472   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017081624
 CN W734   7341   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2017110221
 CN W734   10353   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018030809
 CN W734   10356   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018030812
 CN W734   10359   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018030815
 CN W734   10362   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018030818
 CN W732   10368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
 CN W734   10608   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018031824
 CN W734   11721   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018050409
 CN W734   12393   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018060109
 CN W734   12396   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018060112
 CN W734   12399   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018060115
 CN W734   12402   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018060118
 CN W732   12408   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
 CN W734   13947   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018080503
 CN W734   13950   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2018080506
 CN W734   18441   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019020809
 CN W734   18987   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019030303
 CN W734   19014   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019030406
 CN W734   19086   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019030706
 CN W734   19089   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019030709
 CN W734   19107   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019030803
 CN W734   19155   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019031003
 CN W734   19173   AVER: 3-hr avg, < 3 hours of data, calms policy used.

2019031021
 CN W734   19176   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019031024
 CN W734   19185   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019031109
 CN W734   19188   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019031112
 CN W734   19368   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019031824
 CN W734   19371   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019031903
 CN W734   19413   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032021
 CN W734   19416   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032024
 CN W734   19449   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032209
 CN W734   19467   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032303
 CN W734   19473   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032309
 CN W734   19509   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032421
 CN W734   19512   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032424
 CN W734   19560   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032624
 CN W734   19590   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032806
 CN W734   19605   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019032821
 CN W734   20640   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019051024
 CN W734   21075   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019052903
 CN W734   21366   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019061006
 CN W734   22833   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019081009
 CN W734   22836   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019081012
 CN W734   22839   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019081015
 CN W734   22842   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019081018
 CN W732   22848   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024
 CN W734   23385   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019090209
 CN W734   24045   AVER: 3-hr avg, < 3 hours of data, calms policy used.

2019092921
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2019112303
 CN W734   26034   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019122118
 CN W734   26214   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2019122906
 CN W734   28017   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031309
 CN W734   28020   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031312
 CN W734   28023   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031315
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2020031318
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2020031324
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2020031409
 CN W734   28044   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031412
 CN W734   28047   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031415
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2020031418
 CN W732   28056   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
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2020031509
 CN W734   28068   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031512
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2020031515
 CN W734   28074   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031518
 CN W732   28080   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
 CN W734   28089   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031609
 CN W734   28092   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020031612
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2020031615
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2020031618
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2020031624
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2020040209
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2020040212
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2020040215
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2020040218
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2020040224
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2020040309
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2020040315
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2020040318
 CN W732   28536   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
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2020040709
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2020040712
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2020040715
 CN W734   28626   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020040718
 CN W732   28632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
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2020042009
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2020042012
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2020042015
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2020042018
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2020042024
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2020052706
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2020072006
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2020072906
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2020082503
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2020082703
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2020082706
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2020090106
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2020091724
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2020100709
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2020100712
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2020100715
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2020100718
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2020100724
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2020101012
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2020101015
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2020101018
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2020101024
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2020110803
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2020111218
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2020111224
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2020111824
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2020112115
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2020112209
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2020112524
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2020121509
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2020121518
 CN W732   34680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
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2020122109
 CN W734   34812   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020122112
 CN W734   34815   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020122115
 CN W734   34818   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2020122118
 CN W732   34824   AVER: 24-hr avg, < 18 hours of data, calms policy used.
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2021010321
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2021010909
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2021010912
 CN W734   35271   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021010915
 CN W734   35274   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021010918
 CN W732   35280   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W734   35289   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021011009
 CN W734   35292   AVER: 3-hr avg, < 3 hours of data, calms policy used.

2021011012
 CN W734   35295   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021011015
 CN W734   35298   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021011018
 CN W732   35304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
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 CN W734   37287   AVER: 3-hr avg, < 3 hours of data, calms policy used.
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2021101721
 CN W734   42081   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021102009
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2021110924
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2021120824
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2021120903
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2021121924
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2021122009
 CN W734   43548   AVER: 3-hr avg, < 3 hours of data, calms policy used.
2021122012

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* AERMOD (24142 ): C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc       11/18/25
* AERMET ( 22112):
      19:00:58
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH  1-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
* ______________  _____________  _____________   ______   ______   ______  ______
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ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH  3-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
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* AERMET ( 22112):
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* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
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436484.22000 3712178.47000       0.00012   153.27   153.27     0.00   24-HR  ALL
    1ST                17020624
436461.60000 3712177.07000       0.00013   153.61   153.61     0.00   24-HR  ALL
    1ST                17020624
436438.98000 3712175.66000       0.00013   152.55   154.19     0.00   24-HR  ALL
    1ST                17020624
436399.15000 3712159.53000       0.00013   149.24   149.24     0.00   24-HR  ALL
    1ST                20031324
436381.93000 3712144.79000       0.00014   149.32   149.32     0.00   24-HR  ALL
    1ST                20031324
436364.71000 3712130.06000       0.00016   148.81   148.81     0.00   24-HR  ALL
    1ST                20031324
436347.49000 3712115.33000       0.00016   145.11   149.58     0.00   24-HR  ALL
    1ST                20031324
436330.27000 3712100.59000       0.00017   140.37   149.84     0.00   24-HR  ALL
    1ST                20031324
436313.05000 3712085.86000       0.00018   136.03   156.06     0.00   24-HR  ALL
    1ST                20031324
436295.83000 3712071.13000       0.00018   133.97   156.06     0.00   24-HR  ALL
    1ST                20031324
436278.61000 3712056.40000       0.00018   132.59   156.06     0.00   24-HR  ALL
    1ST                20031324
436261.39000 3712041.66000       0.00017   131.44   149.84     0.00   24-HR  ALL
    1ST                20031324
436244.17000 3712026.93000       0.00016   132.90   149.61     0.00   24-HR  ALL
    1ST                20031324
436226.95000 3712012.20000       0.00015   135.62   141.43     0.00   24-HR  ALL
    1ST                20031324
436209.73000 3711997.46000       0.00014   138.84   141.38     0.00   24-HR  ALL
    1ST                20031324
436192.51000 3711982.73000       0.00013   139.94   139.94     0.00   24-HR  ALL
    1ST                20031324
436175.29000 3711968.00000       0.00012   140.49   140.49     0.00   24-HR  ALL
    1ST                20031324
436158.07000 3711953.27000       0.00011   138.35   140.96     0.00   24-HR  ALL
    1ST                20031324
436140.85000 3711938.53000       0.00010   134.43   141.43     0.00   24-HR  ALL
    1ST                20031324
436123.63000 3711923.80000       0.00010   127.92   141.43     0.00   24-HR  ALL
    1ST                19020424
436106.41000 3711909.07000       0.00011   121.05   141.43     0.00   24-HR  ALL
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    1ST               19020424
436089.19000 3711894.33000       0.00011   117.88   141.43     0.00   24-HR  ALL
    1ST               19020424
436071.97000 3711879.60000       0.00011   117.17   141.43     0.00   24-HR  ALL
    1ST               19122524
436054.75000 3711864.87000       0.00012   116.81   141.43     0.00   24-HR  ALL
    1ST               19122524
436037.53000 3711850.14000       0.00012   116.42   141.43     0.00   24-HR  ALL
    1ST               19122524
436020.31000 3711835.40000       0.00012   114.26   141.43     0.00   24-HR  ALL
    1ST               19122524
436003.09000 3711820.67000       0.00013   111.22   141.43     0.00   24-HR  ALL
    1ST               19122524
435985.87000 3711805.94000       0.00013   110.06   141.43     0.00   24-HR  ALL
    1ST               19020324
435968.65000 3711791.20000       0.00014   108.79   141.43     0.00   24-HR  ALL
    1ST               19020324
435951.43000 3711776.47000       0.00015   107.99   141.43     0.00   24-HR  ALL
    1ST               19020324
435934.21000 3711761.74000       0.00016   106.23   141.43     0.00   24-HR  ALL
    1ST               19020324
435916.99000 3711747.01000       0.00017   105.14   141.43     0.00   24-HR  ALL
    1ST               19020324
435899.77000 3711732.27000       0.00018   104.47   141.20     0.00   24-HR  ALL
    1ST               19020324
435882.55000 3711717.54000       0.00018   101.68   141.43     0.00   24-HR  ALL
    1ST               19020324
435865.34000 3711702.81000       0.00019    98.49   141.43     0.00   24-HR  ALL
    1ST               19020324
435727.58000 3711584.95000       0.00017    95.58   154.79     0.00   24-HR  ALL
    1ST               19020324
435710.36000 3711570.21000       0.00016    95.71   154.79     0.00   24-HR  ALL
    1ST               19020324
436970.60000 3710769.10000       0.00756    68.51   211.60     0.00   24-HR  ALL
    1ST               20112524
436955.72000 3710755.71000       0.00751    70.49   211.60     0.00   24-HR  ALL
    1ST               20112524
436964.65000 3710655.98000       0.01114    69.13   211.60     0.00   24-HR  ALL
    1ST               20112524
437021.21000 3710584.54000       0.01358    65.64   211.60     0.00   24-HR  ALL
    1ST               20112524
437018.23000 3710502.68000       0.01010    68.99   211.60     0.00   24-HR  ALL
    1ST               20112524
437036.09000 3710435.70000       0.00684    68.89   211.60     0.00   24-HR  ALL
    1ST               20112124
437094.14000 3710349.37000       0.00134    62.96   211.60     0.00   24-HR  ALL
    1ST               18120924
437061.39000 3710282.39000       0.00073    66.23   211.60     0.00   24-HR  ALL
    1ST               21011024
437037.58000 3710213.93000       0.00050    69.84   211.60     0.00   24-HR  ALL
```

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    1ST               20122924
437036.09000 3710167.79000       0.00042    71.21   211.60     0.00   24-HR  ALL
    1ST               20122924
437070.32000 3710115.69000       0.00030    66.17   211.60     0.00   24-HR  ALL
    1ST               20122124
437123.91000 3710072.53000       0.00025    56.80   211.60     0.00   24-HR  ALL
    1ST               21011024
437222.14000 3710135.04000       0.00030    62.85   211.60     0.00   24-HR  ALL
    1ST               18120924
437186.42000 3710196.07000       0.00041    62.85   211.60     0.00   24-HR  ALL
    1ST               18120924
437176.00000 3710245.18000       0.00052    62.32   211.60     0.00   24-HR  ALL
    1ST               18120924
437195.35000 3710271.98000       0.00056    62.16   211.60     0.00   24-HR  ALL
    1ST               18120924
437262.33000 3710316.63000       0.00053    63.44   211.60     0.00   24-HR  ALL
    1ST               18020124
437296.56000 3710364.26000       0.00053    64.35   211.60     0.00   24-HR  ALL
    1ST               21012524
437295.07000 3710425.28000       0.00063    65.66   211.60     0.00   24-HR  ALL
    1ST               21012524
437305.49000 3710466.96000       0.00065    69.66   211.60     0.00   24-HR  ALL
    1ST               21012524
437274.24000 3710557.75000       0.00082    67.68   211.60     0.00   24-HR  ALL
    1ST               21011024
437244.47000 3710642.59000       0.00097    66.46   211.60     0.00   24-HR  ALL
    1ST               21011024
437260.84000 3710791.43000       0.00060    67.57   211.60     0.00   24-HR  ALL
    1ST               21011024
437210.23000 3710813.76000       0.00070    60.83   211.60     0.00   24-HR  ALL
    1ST               20112024
437162.60000 3710772.08000       0.00115    64.51   211.60     0.00   24-HR  ALL
    1ST               20112324
437001.86000 3710778.03000       0.00454    66.48   211.60     0.00   24-HR  ALL
    1ST               20112324
436979.53000 3710783.99000       0.00465    67.59   211.60     0.00   24-HR  ALL
    1ST               20112324
```

 *** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT ARM2 URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **This Run Includes:    632 Source(s);       1 Source Group(s); and    4907
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    632 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 ANNUAL Averages by Receptor
          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 =      3.8 MB of RAM.

 **Input Runstream File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-NO2\BEEST_2017-2021_NO2.DTA

 **Output Print File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-NO2\BEEST_2017-2021_NO2.LST


 **File for Summary of Results:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-NO2\BEEST_2017-2021_NO2.SUM
```

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

1 1 1

Surface file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93184 Upper air station no.: 3190
Name: J. WAYNE-ORANGE COUNTY AIRPORT, CA 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 (=0) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:10:01

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  ARM2  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF NO2      IN MICROGRAMS/M**3
             **


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

ALL       1ST HIGHEST VALUE IS       1.70075 AT (  437021.21,  3710584.54,    65.64,
  211.60,    0.00)  DC
          2ND HIGHEST VALUE IS       1.32635 AT (  436964.65,  3710655.98,    69.13,
```

```
  211.60,    0.00)  DC
         3RD HIGHEST VALUE IS       1.22410 AT (  437018.23,  3710502.68,    68.99,
  211.60,    0.00)  DC
         4TH HIGHEST VALUE IS       0.92727 AT (  436970.60,  3710769.10,    68.51,
  211.60,    0.00)  DC
         5TH HIGHEST VALUE IS       0.87513 AT (  436955.72,  3710755.71,    70.49,
  211.60,    0.00)  DC
         6TH HIGHEST VALUE IS       0.85378 AT (  437036.09,  3710435.70,    68.89,
  211.60,    0.00)  DC
         7TH HIGHEST VALUE IS       0.57613 AT (  436979.53,  3710783.99,    67.59,
  211.60,    0.00)  DC
         8TH HIGHEST VALUE IS       0.56984 AT (  437001.86,  3710778.03,    66.48,
  211.60,    0.00)  DC
         9TH HIGHEST VALUE IS       0.46663 AT (  436970.50,  3710565.89,    72.53,
  211.60,    0.00)  DC
        10TH HIGHEST VALUE IS       0.40515 AT (  436953.73,  3710589.22,    74.71,
  211.60,    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   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:10:01

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  ARM2  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   5 YEARS ***


                                  ** CONC OF NO2      IN MICROGRAMS/M**3
             **


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

ALL       1ST HIGHEST VALUE IS       3.71499 AT (  437021.21,  3710584.54,    65.64,
  211.60,    0.00)  DC
         2ND HIGHEST VALUE IS       3.20542 AT (  436970.60,  3710769.10,    68.51,
  211.60,    0.00)  DC
         3RD HIGHEST VALUE IS       3.14512 AT (  436955.72,  3710755.71,    70.49,
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  211.60,    0.00)  DC
         8TH HIGHEST VALUE IS       1.40119 AT (  437001.86,  3710778.03,    66.48,
  211.60,    0.00)  DC
         9TH HIGHEST VALUE IS       1.27970 AT (  436937.15,  3710806.27,    77.06,
  211.60,    0.00)  DC
        10TH HIGHEST VALUE IS       1.13189 AT (  436915.73,  3710783.44,    81.06,
  210.88,    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   ***        11/18/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:10:01

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  ARM2  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 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   ********
 CO W361      15       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186    1375       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1375       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

```
* AERMOD (24142 ): C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc       11/18/25
* AERMET ( 22112):
      15:10:01
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  ARM2  URBAN
ADJ_U*
*         PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS   5 YEARS FOR SOURCE GROUP: ALL

*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE      GRP
     NUM YRS   NET ID
* ______________  ______________  ______________   _______   _______   _______  _______
_________  _________  _________
  437003.71000 3710828.00000       0.21272    68.46   211.60     0.00  ANNUAL  ALL
    00000005
  437026.67000 3710827.15000       0.19648    67.05   211.60     0.00  ANNUAL  ALL
    00000005
  437049.64000 3710826.30000       0.17482    65.99   211.60     0.00  ANNUAL  ALL
    00000005
  437072.60000 3710825.45000       0.15479    65.37   211.60     0.00  ANNUAL  ALL
    00000005
  437095.56000 3710824.60000       0.13790    65.10   211.60     0.00  ANNUAL  ALL
    00000005
  437118.52000 3710823.75000       0.12379    64.96   211.60     0.00  ANNUAL  ALL
    00000005
  437141.49000 3710822.90000       0.11183    64.83   211.60     0.00  ANNUAL  ALL
    00000005
  437164.45000 3710822.05000       0.10132    64.68   211.60     0.00  ANNUAL  ALL
    00000005
  437005.56000 3710877.96000       0.12096    69.70   211.60     0.00  ANNUAL  ALL
    00000005
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ADJ_U*
*         PLOT FILE OF   1ST-HIGHEST MAX DAILY  1-HR VALUES AVERAGED OVER   5 YEARS
FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,A5,5X,A8,2X,
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*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   AVER CONC YR1  DATE YR1  AVER CONC YR2  DATE YR2  AVER CONC
YR3  DATE YR3  AVER CONC YR4  DATE YR4  AVER CONC YR5  DATE YR5
* ______________  _____________  _____________   _______   _______   _______  _______
_________  ________  ________  _____________ _________  _____________  _________
_____________ _________ _____________ _________  _____ _______  _____________  _________
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0.54561  19122918        0.56706  20022307        0.54991  21021920
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  437076.30000 3710925.38000       0.49702    66.54   205.14     0.00    1-HR  ALL
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  437099.26000 3710924.53000       0.46558    65.88   210.88     0.00    1-HR  ALL
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  437122.22000 3710923.68000       0.43442    65.61   210.88     0.00    1-HR  ALL
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0.44511  19091403        0.47754  20122620        0.44465  21110320
  437078.15000 3710975.34000       0.42329    66.67   205.14     0.00    1-HR  ALL
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  437101.11000 3710974.49000       0.40686    66.00   205.14     0.00    1-HR  ALL
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0.40011  19032701        0.41331  20101722        0.40973  21110819
  437124.07000 3710973.64000       0.38897    65.77   205.14     0.00    1-HR  ALL
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  437170.00000 3710971.94000       0.34979    65.47   205.14     0.00    1-HR  ALL
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0.28781  19082401        0.30796  20101803        0.23618  21020622
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0.17898  19070106        0.23541  20070405        0.21342  21120223
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      1ST                     0.14992  17020521        0.18404  18071824
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  436372.35000 3711675.14000       0.16447   141.27   162.03     0.00    1-HR  ALL
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0.34811  19011723        0.33074  20091506        0.34771  21020924
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0.44096  19082904        0.48059  20121401        0.44274  21082303
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0.51020  19021501        0.48424  20121401        0.48995  21082303
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0.14922  19122918        0.16203  20022307        0.15163  21092306
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0.14047  19122918        0.13922  20092322        0.14477  21021920
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0.25885  19070105        0.22425  20050805        0.22676  21060824
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0.26473  19071305        0.20618  20050805        0.26160  21060824
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0.19846  19040621        0.17272  20050801        0.16653  21081405
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0.17766  19040621        0.14600  20050801        0.14506  21082702
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0.18314  19040621        0.17168  20112420        0.17020  21081405
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      1ST                     0.14961  17093002        0.14218  18052223
0.15048  19071304        0.14963  20100624        0.15128  21081405
  437524.42000 3711740.54000       0.13992    73.37   175.59     0.00    1-HR  ALL
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0.14350  19071304        0.14684  20100624        0.14354  21073004
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0.09145  19052501        0.09602  20101722        0.09427  21110819
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      1ST                    0.15595  17011020        0.18615  18061301
0.21352  19021501        0.19391  20050503        0.17342  21113022
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0.19323  19063024        0.20448  20091402        0.19842  21121219
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0.23424  19120806        0.21465  20120702        0.19367  21121219
  436748.12000 3711657.65000       0.19863   168.38   175.59     0.00    1-HR  ALL
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0.17034  19040621        0.14112  20050801        0.13852  21082702
  437636.32000 3711822.54000       0.15996    88.11    96.83     0.00    1-HR  ALL
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  437528.63000 3711836.83000       0.14308    75.39   175.59     0.00    1-HR  ALL
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  437492.73000 3711841.59000       0.14020    74.58   175.59     0.00    1-HR  ALL
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0.17454  19101917        0.18478  20041418        0.11619  21020617
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0.08413  19101817        0.09062  20090918        0.07225  21020117
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0.10378 19101917   0.09814 20090918   0.06231 21090918
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0.09420 19101917   0.08658 20090918   0.05624 21090918
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0.07660 19020617   0.06702 20041418   0.08047 21012518
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0.11727  19021121        0.11920  20121403        0.12664  21112723
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  436354.55000 3710126.13000       0.15406   175.03   205.14     0.00    1-HR  ALL
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     1ST                    0.15054  17050206        0.15069  18011208
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0.14868  19122120        0.14977  20100124        0.14847  21022204
  436390.74000 3709997.61000       0.14898   173.28   205.14     0.00    1-HR  ALL
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0.14797  19110920        0.15134  20122108        0.14871  21013105
  436402.80000 3709954.77000       0.14879   171.85   205.14     0.00    1-HR  ALL
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0.14837  19012703        0.14963  20122108        0.14927  21011208
  436414.87000 3709911.94000       0.14756   171.27   205.14     0.00    1-HR  ALL
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0.14632  19111203        0.14736  20120903        0.14968  21011719
  436426.93000 3709869.10000       0.14817   170.57   170.57     0.00    1-HR  ALL
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0.13458  19121103        0.13698  20122108        0.13521  21013105
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0.11236  19120805        0.10991  20112104        0.10923  21011406
  436036.02000 3709850.46000       0.10782   171.05   171.05     0.00    1-HR  ALL
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0.10769  19121508        0.10732  20121705        0.10899  21011406
  436042.23000 3709828.41000       0.10802   170.85   170.85     0.00    1-HR  ALL
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0.10725  19121508        0.10835  20022804        0.10882  21011402
  436048.44000 3709806.36000       0.10717   170.84   170.84     0.00    1-HR  ALL
      1ST                     0.10751  17121003        0.10708  18012419
0.10653  19021220        0.10763  20022804        0.10711  21011402
  436054.66000 3709784.30000       0.10641   171.00   171.00     0.00    1-HR  ALL
      1ST                     0.10638  17101622        0.10646  18011906
0.10651  19122103        0.10693  20022102        0.10579  21022204
  436060.87000 3709762.25000       0.10592   171.20   171.20     0.00    1-HR  ALL
      1ST                     0.10584  17123006        0.10669  18020421
0.10541  19122103        0.10663  20022806        0.10503  21022204
  436067.08000 3709740.20000       0.10538   170.55   170.55     0.00    1-HR  ALL
      1ST                     0.10474  17010306        0.10694  18020421
0.10505  19121103        0.10608  20122106        0.10406  21112204
  436073.29000 3709718.15000       0.10500   168.11   171.28     0.00    1-HR  ALL
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0.10446  19121819        0.10573  20122106        0.10432  21020424
  436079.50000 3709696.10000       0.10412   163.43   171.72     0.00    1-HR  ALL
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0.10364  19012407        0.10561  20122108        0.10365  21013105
  436085.71000 3709674.04000       0.10404   161.74   171.36     0.00    1-HR  ALL
      1ST                     0.10353  17120321        0.10415  18020221
0.10305  19121724        0.10525  20122108        0.10423  21011208
  436091.92000 3709651.99000       0.10364   161.79   161.79     0.00    1-HR  ALL
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0.10321  19012703        0.10321  20122108        0.10572  21122223
  436098.13000 3709629.94000       0.10325   162.45   162.45     0.00    1-HR  ALL
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0.10261  19012703        0.10295  20091623        0.10598  21122223
  436104.34000 3709607.89000       0.10227   163.72   163.72     0.00    1-HR  ALL
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0.10123  19111203        0.10316  20120903        0.10449  21122223
  436110.55000 3709585.83000       0.10252   164.68   164.68     0.00    1-HR  ALL
      1ST                     0.10220  17121819        0.10080  18021606
0.10407  19111203        0.10204  20120903        0.10349  21011719
  435936.66000 3710203.29000       0.11739   167.44   183.46     0.00    1-HR  ALL
      1ST                     0.10808  17121102        0.12179  18121805
0.11815  19062806        0.12674  20101104        0.11220  21070705
  435937.41000 3710226.36000       0.11646   171.52   183.46     0.00    1-HR  ALL
      1ST                     0.10860  17121101        0.11670  18121805
0.11640  19121506        0.12548  20101104        0.11513  21110223
  435938.15000 3710249.43000       0.11850   176.56   176.56     0.00    1-HR  ALL
      1ST                     0.11025  17121024        0.10963  18121805
0.12365  19121506        0.12687  20112424        0.12212  21110223
  435842.85000 3710184.72000       0.10803   166.70   178.94     0.00    1-HR  ALL
      1ST                     0.10034  17121102        0.10884  18121805
0.10604  19062806        0.11792  20101104        0.10701  21070705
  435848.99000 3710162.92000       0.11032   166.14   178.33     0.00    1-HR  ALL
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0.11146  19062806        0.11957  20101104        0.10543  21070705
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  435861.27000 3710119.32000       0.11129   165.30   165.30     0.00    1-HR  ALL
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  435867.41000 3710097.51000       0.11019   164.41   164.41     0.00    1-HR  ALL
      1ST                     0.09924  17010623        0.11987  18121805
0.11631  19062806        0.11364  20101104        0.10191  21090405
  435873.55000 3710075.71000       0.10968   163.97   163.97     0.00    1-HR  ALL
      1ST                     0.09905  17010722        0.11778  18121805
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  435879.69000 3710053.91000       0.10753   163.60   163.60     0.00    1-HR  ALL
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  435885.83000 3710032.11000       0.10560   162.61   162.61     0.00    1-HR  ALL
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  435891.97000 3710010.31000       0.10362   161.96   161.96     0.00    1-HR  ALL
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0.10086  19033001        0.09879  20020106        0.12036  21090405
  435898.11000 3709988.51000       0.10312   161.61   171.75     0.00    1-HR  ALL
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0.09931  19033001        0.09865  20022704        0.12024  21090405
  435904.25000 3709966.70000       0.10382   161.65   172.40     0.00    1-HR  ALL
      1ST                     0.10031  17122802        0.10076  18012924
0.09924  19010805        0.10056  20022704        0.11823  21090405
  435910.39000 3709944.90000       0.10365   163.27   172.40     0.00    1-HR  ALL
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0.10035  19012804        0.10095  20022704        0.11420  21090405
  435916.53000 3709923.10000       0.10290   167.09   172.40     0.00    1-HR  ALL
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0.10297  19120805        0.10082  20011821        0.10812  21090405
  435922.67000 3709901.30000       0.10316   171.17   171.17     0.00    1-HR  ALL
      1ST                     0.10104  17013024        0.10193  18011324
0.10676  19120805        0.10443  20112104        0.10164  21013123
  435928.81000 3709879.50000       0.10409   172.02   172.02     0.00    1-HR  ALL
      1ST                     0.10103  17112219        0.10172  18011323
0.10880  19120805        0.10642  20112104        0.10246  21011405
  435934.95000 3709857.70000       0.10394   171.93   171.93     0.00    1-HR  ALL
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0.10906  19120805        0.10667  20112104        0.10161  21011405
  435941.09000 3709835.90000       0.10308   171.73   171.73     0.00    1-HR  ALL
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0.10752  19120805        0.10515  20112104        0.10158  21040903
  435947.23000 3709814.09000       0.10196   171.68   171.68     0.00    1-HR  ALL
      1ST                     0.10118  17031905        0.10041  18020202
0.10416  19120805        0.10186  20112104        0.10220  21040903
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0.09981  19121508        0.10066  20022804        0.10119  21011402
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0.09928  19021220        0.10040  20022804        0.09997  21011402
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0.09820  19122103        0.09897  20022806        0.09763  21022204
  435984.06000 3709683.28000       0.09735   161.96   172.17     0.00    1-HR  ALL
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0.09562  19121819        0.09777  20122108        0.09601  21013105
  436002.48000 3709617.88000       0.09651   155.29   172.17     0.00    1-HR  ALL
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0.09524  19012407        0.09890  20122108        0.09719  21011208
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0.09473  19121724        0.09848  20122108        0.09864  21011208
  436014.76000 3709574.28000       0.09608   154.18   171.71     0.00    1-HR  ALL
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0.09530  19012703        0.09647  20122108        0.09847  21011208
  436020.90000 3709552.48000       0.09516   154.20   170.38     0.00    1-HR  ALL
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0.09474  19012703        0.09477  20091623        0.09773  21122223
  436027.04000 3709530.67000       0.09405   154.71   170.96     0.00    1-HR  ALL
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0.09277  19012703        0.09482  20120903        0.09638  21122223
  435836.72000 3710206.52000       0.10742   167.36   179.24     0.00    1-HR  ALL
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0.11048  19121506        0.11535  20112424        0.10943  21110223
  435837.46000 3710229.59000       0.11086   167.48   183.46     0.00    1-HR  ALL
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0.08827  19121508        0.08733  20010708        0.08793  21011402
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  435638.31000 3710259.12000       0.09950   171.19   171.19     0.00    1-HR  ALL
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  435543.01000 3710194.40000       0.09420   171.29   171.29     0.00    1-HR  ALL
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  435549.15000 3710172.60000       0.09364   170.31   171.86     0.00    1-HR  ALL
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0.08615  19110604        0.09533  20101104        0.09192  21070705
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  436166.47000 3710203.82000       0.14090   171.88   173.23     0.00    1-HR  ALL
      1ST                     0.12747  17010623        0.14896  18121805
0.14200  19062806        0.14026  20101104        0.14582  21090405
  436160.52000 3710226.15000       0.14137   173.28   173.28     0.00    1-HR  ALL
      1ST                     0.12797  17010623        0.15070  18121805
0.14328  19062806        0.14460  20101104        0.14029  21090405
  436078.94000 3710158.03000       0.12967   168.85   168.85     0.00    1-HR  ALL
      1ST                     0.11737  17121403        0.13703  18121805
0.13185  19062806        0.12712  20101104        0.13498  21090405
  436097.13000 3710117.98000       0.12504   168.47   168.47     0.00    1-HR  ALL
      1ST                     0.11792  17122701        0.12616  18121805
0.12208  19062806        0.11822  20020106        0.14081  21090405
  436115.32000 3710077.94000       0.12481   168.90   168.90     0.00    1-HR  ALL
      1ST                     0.12117  17122802        0.12215  18012924
0.12003  19010805        0.12105  20022704        0.13965  21090405
  436133.50000 3710037.89000       0.12571   170.67   170.67     0.00    1-HR  ALL
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0.12877  19120805        0.12608  20112104        0.12958  21090405
  436151.69000 3709997.84000       0.12575   170.83   170.83     0.00    1-HR  ALL
      1ST                     0.12216  17102424        0.12337  18011323
0.13160  19120805        0.12884  20112104        0.12277  21011405
  436169.88000 3709957.79000       0.12353   171.46   171.46     0.00    1-HR  ALL
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0.12601  19120805        0.12330  20112104        0.12395  21011406
  436188.06000 3709917.75000       0.12308   171.63   171.63     0.00    1-HR  ALL
      1ST                     0.12337  17121003        0.12289  18012419
0.12222  19122101        0.12343  20022804        0.12350  21011402
  436063.90000 3710200.38000       0.12942   168.80   177.93     0.00    1-HR  ALL
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0.13403  19062806        0.13594  20101104        0.12060  21090405
  435982.60000 3710131.64000       0.12056   165.04   165.04     0.00    1-HR  ALL
      1ST                     0.10868  17010623        0.12897  18121805
0.12459  19062806        0.12085  20101104        0.11970  21090405
  435991.98000 3710110.99000       0.11914   164.71   164.71     0.00    1-HR  ALL
      1ST                     0.10826  17122407        0.12587  18121805
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  436001.36000 3710090.34000       0.11680   164.32   164.32     0.00    1-HR  ALL
      1ST                     0.10879  17122701        0.12052  18121805
0.11692  19062806        0.10817  20022706        0.12960  21090405
  436010.74000 3710069.69000       0.11439   163.69   163.69     0.00    1-HR  ALL
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0.10950  19062806        0.10917  20020106        0.13149  21090405
  436020.11000 3710049.04000       0.11410   163.25   171.74     0.00    1-HR  ALL
      1ST                     0.10980  17122802        0.11020  18012924
0.10892  19010805        0.11016  20022704        0.13145  21090405
  436029.49000 3710028.39000       0.11532   164.45   171.74     0.00    1-HR  ALL
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0.11066  19010805        0.11195  20022704        0.12941  21090405
  436038.87000 3710007.74000       0.11548   168.77   171.29     0.00    1-HR  ALL
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0.11865  19120805        0.11613  20112104        0.11827  21090405
  436057.62000 3709966.45000       0.11632   171.59   171.59     0.00    1-HR  ALL
      1ST                     0.11320  17122721        0.11374  18011323
0.12139  19120805        0.11882  20112104        0.11443  21011405
  436067.00000 3709945.80000       0.11653   171.24   171.24     0.00    1-HR  ALL
      1ST                     0.11278  17102424        0.11435  18011323
0.12209  19120805        0.11949  20112104        0.11397  21011405
  436076.38000 3709925.15000       0.11557   170.91   170.91     0.00    1-HR  ALL
      1ST                     0.11254  17101705        0.11313  18020820
0.12066  19120805        0.11806  20112104        0.11345  21040903
  436085.76000 3709904.50000       0.11448   170.69   170.69     0.00    1-HR  ALL
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0.11698  19120805        0.11444  20112104        0.11477  21011406
  436095.13000 3709883.85000       0.11380   170.54   170.54     0.00    1-HR  ALL
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0.11363  19121508        0.11379  20022804        0.11494  21011402
  436104.51000 3709863.20000       0.11393   170.52   170.52     0.00    1-HR  ALL
      1ST                     0.11419  17121003        0.11373  18012419
0.11286  19021220        0.11436  20022804        0.11450  21011402
  436113.89000 3709842.55000       0.11288   170.54   170.54     0.00    1-HR  ALL
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0.11284  19122103        0.11356  20022102        0.11212  21022204
  435973.23000 3710152.29000       0.12002   165.51   181.95     0.00    1-HR  ALL
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0.12547  19062806        0.12531  20101104        0.11133  21090405
  435967.27000 3710174.62000       0.12030   165.78   183.46     0.00    1-HR  ALL
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  435961.32000 3710196.94000       0.12003   166.86   183.46     0.00    1-HR  ALL
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0.12266  19062806        0.12894  20101104        0.11231  21070705
  435894.79000 3710086.48000       0.11169   164.37   164.37     0.00    1-HR  ALL
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0.11630  19062806        0.11019  20101104        0.11132  21090405
  435912.98000 3710046.43000       0.10818   163.53   163.53     0.00    1-HR  ALL
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0.10766  19062806        0.10056  20022706        0.12098  21090405
  435931.16000 3710006.38000       0.10581   162.02   171.78     0.00    1-HR  ALL
      1ST                     0.10164  17121519        0.10121  18020404
0.10154  19033001        0.10148  20022704        0.12320  21090405
  435949.35000 3709966.34000       0.10704   164.11   171.78     0.00    1-HR  ALL
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0.10375  19012804        0.10423  20022704        0.11782  21090405
  435967.54000 3709926.29000       0.10727   171.33   171.33     0.00    1-HR  ALL
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  436003.91000 3709846.19000       0.10622   171.43   171.43     0.00    1-HR  ALL
      1ST                     0.10550  17031905        0.10513  18020202
0.10807  19120805        0.10570  20112104        0.10672  21011406
  436022.10000 3709806.15000       0.10577   171.00   171.00     0.00    1-HR  ALL
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0.10473  19021220        0.10623  20022804        0.10640  21011402
  435807.98000 3710039.11000       0.10342   161.64   161.64     0.00    1-HR  ALL
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  435817.31000 3710018.56000       0.10170   161.35   161.35     0.00    1-HR  ALL
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  435835.97000 3709977.46000       0.09923   161.43   161.43     0.00    1-HR  ALL
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  435845.31000 3709956.91000       0.09901   161.54   172.05     0.00    1-HR  ALL
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  435873.30000 3709895.25000       0.09902   166.14   172.55     0.00    1-HR  ALL
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  435882.64000 3709874.70000       0.09981   171.13   172.05     0.00    1-HR  ALL
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  435891.97000 3709854.15000       0.10098   172.30   172.30     0.00    1-HR  ALL
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  435901.30000 3709833.60000       0.10101   172.30   172.30     0.00    1-HR  ALL
      1ST                     0.09758  17090403        0.09905  18011323
0.10604  19120805        0.10370  20112104        0.09867  21011405
  435910.63000 3709813.05000       0.10049   172.28   172.28     0.00    1-HR  ALL
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  435919.97000 3709792.50000       0.09949   172.34   172.34     0.00    1-HR  ALL
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  435740.64000 3709948.85000       0.09353   158.70   158.70     0.00    1-HR  ALL
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0.09882  19120805        0.09649  20112104        0.09242  21011405
  435817.03000 3709780.65000       0.09427   165.06   171.72     0.00    1-HR  ALL
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ADJ_U*
*         PLOT FILE OF   8TH-HIGHEST MAX DAILY  1-HR VALUES AVERAGED OVER   5 YEARS
FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,A5,5X,A8,2X,
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*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
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YR3  DATE YR3  AVER CONC YR4  DATE YR4  AVER CONC YR5  DATE YR5
* _____________  _____________  _____________   ______   ______   ______  ______
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0.39156  19120820        0.40585  20102819        0.40578  21092306
  437166.30000 3710872.01000       0.34894    65.03   211.60     0.00    1-HR  ALL
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0.35600  19091501        0.37384  20102020        0.36459  21073004
  437007.41000 3710927.93000       0.60364    72.19   205.14     0.00    1-HR  ALL
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0.62625  19072204        0.66578  20052323        0.65551  21080106
  437030.37000 3710927.08000       0.49215    69.67   205.14     0.00    1-HR  ALL
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0.49616  19083006        0.53589  20072024        0.52410  21111720
  437053.33000 3710926.23000       0.48455    68.00   205.14     0.00    1-HR  ALL
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0.49247  19082804        0.52361  20072024        0.50059  21081506
  437076.30000 3710925.38000       0.43987    66.54   205.14     0.00    1-HR  ALL
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0.45913  19122918        0.47619  20080102        0.46247  21110320
  437099.26000 3710924.53000       0.41721    65.88   210.88     0.00    1-HR  ALL
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0.42906  19092620        0.43561  20091321        0.44126  21112920
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0.33647  19072703        0.36558  20090402        0.35071  21080102
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0.33130  19100722        0.34476  20122620        0.33343  21092306
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0.21071  19091501        0.22098  20080102        0.21571  21062905
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0.35156  19110724        0.33413  20091123        0.34420  21111720
  437133.32000 3711223.47000       0.21247    71.26   205.14     0.00    1-HR  ALL
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  437058.11000 3711676.56000       0.15902   103.44   175.59     0.00    1-HR  ALL
      8TH                     0.15607  17031203        0.15698  18040423
0.15761  19121319        0.16381  20012420        0.16063  21122721
  437081.08000 3711675.71000       0.15923    98.04   175.59     0.00    1-HR  ALL
      8TH                     0.14727  17041924        0.15699  18010321
0.15709  19022805        0.15902  20070604        0.17576  21110820
  437104.04000 3711674.86000       0.17087    93.85   175.59     0.00    1-HR  ALL
      8TH                     0.13455  17072302        0.17908  18032921
0.16776  19082804        0.17575  20061102        0.19719  21061401
  437127.00000 3711674.01000       0.17270    91.76   175.59     0.00    1-HR  ALL
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0.17528  19091403        0.17405  20052323        0.20092  21120323
  437149.97000 3711673.16000       0.17328    90.36   175.59     0.00    1-HR  ALL
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0.19250  19071306        0.16724  20052323        0.20545  21051106
  437172.93000 3711672.31000       0.16993    86.74   175.59     0.00    1-HR  ALL
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0.19518  19082004        0.18143  20080201        0.19539  21111720
  437195.89000 3711671.46000       0.15840    79.62   175.59     0.00    1-HR  ALL
      8TH                     0.08406  17120820        0.16050  18080501
0.19384  19082004        0.17746  20091123        0.17617  21110320
  437038.85000 3711777.35000       0.14957    98.53   175.59     0.00    1-HR  ALL
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0.15153  19121319        0.15981  20082703        0.15139  21021121
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0.15340  19121219        0.15875  20082703        0.15968  21061401
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0.15533  19071306        0.16516  20052323        0.18346  21082304
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0.17315  19071306        0.16093  20052323        0.18601  21120323
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0.18049  19072204        0.15626  20092002        0.18322  21111720
  437199.59000 3711771.40000       0.14060    78.36   175.59     0.00    1-HR  ALL
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0.16928  19092304        0.16148  20061102        0.16176  21111720
  437042.55000 3711877.28000       0.13838    90.70   175.59     0.00    1-HR  ALL
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0.13408  19071306        0.14040  20052323        0.15534  21081403
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  437049.95000 3712077.14000       0.11432   105.61   175.59     0.00    1-HR  ALL
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0.19431 19030303   0.18750 20102020   0.18308 21073004
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0.25346 19071304   0.26179 20102020   0.26164 21111519
  437208.99000 3710910.77000   0.28036   64.92   210.88   0.00   1-HR ALL
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0.29075 19120820   0.30621 20053005   0.29712 21111519
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0.36114 19092620   0.37795 20052624   0.37366 21092306
  437267.47000 3710897.81000   0.20332   67.74   205.14   0.00   1-HR ALL
      8TH   0.18036 17010219   0.18529 18010618
0.21388 19050818   0.21947 20092322   0.21760 21080702
  437301.21000 3710882.92000   0.17789   72.12   205.14   0.00   1-HR ALL
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  437254.14000 3710953.20000   0.22234   66.14   205.14   0.00   1-HR ALL
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  437220.85000 3710957.62000   0.25948   65.26   205.14   0.00   1-HR ALL
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  437321.39000 3710928.67000       0.15865    71.57   205.14     0.00    1-HR  ALL
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  437275.11000 3710998.84000       0.20007    67.52   205.14     0.00    1-HR  ALL
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0.23624  19091501        0.25450  20022307        0.25062  21111519
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  437307.83000 3710989.30000       0.17964    69.98   205.14     0.00    1-HR  ALL
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0.15037  19122918        0.14686  20092322        0.15644  21080702
  437293.81000 3711044.79000       0.18238    67.71   205.14     0.00    1-HR  ALL
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0.24595  19072622        0.25311  20053005        0.25151  21092306
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  437328.02000 3711035.04000       0.16098    69.12   205.14     0.00    1-HR  ALL
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0.26457  19121323        0.26323  20012519        0.26192  21021604
  436911.25000 3711310.00000       0.26030   105.08   186.78     0.00    1-HR  ALL
      8TH                     0.25869  17011922        0.26082  18100521
0.26128  19121323        0.26194  20070506        0.25876  21102320
  436879.21000 3711295.10000       0.25550   115.74   183.79     0.00    1-HR  ALL
      8TH                     0.25330  17090801        0.25511  18011519
0.25546  19092505        0.25847  20050423        0.25513  21021520
  436847.16000 3711280.19000       0.25980   122.86   180.70     0.00    1-HR  ALL
      8TH                     0.26247  17020620        0.25386  18050624
0.26252  19120722        0.26002  20022822        0.26014  21052501
  437469.30000 3711355.26000       0.13311    72.73   185.33     0.00    1-HR  ALL
      8TH                     0.10474  17010219        0.10964  18122022
0.14760  19030303        0.15087  20100624        0.15271  21071324
  437503.04000 3711340.37000       0.12192    76.38   180.70     0.00    1-HR  ALL
      8TH                     0.10832  17020707        0.10604  18031121
0.13504  19071304        0.12580  20102020        0.13440  21071324
  437475.15000 3711456.54000       0.13618    73.37   175.59     0.00    1-HR  ALL
      8TH                     0.10561  17061523        0.11869  18010618
0.14703  19072622        0.15454  20052624        0.15504  21071324
  437439.85000 3711461.22000       0.11453    70.80   181.53     0.00    1-HR  ALL
      8TH                     0.09260  17093002        0.10765  18033004
0.12063  19091501        0.12592  20053005        0.12588  21080304
  437404.54000 3711465.90000       0.11912    70.76   185.33     0.00    1-HR  ALL
      8TH                     0.09864  17061322        0.12319  18033004
0.12126  19100622        0.12725  20080722        0.12525  21021002
  437369.24000 3711470.59000       0.10818    69.41   185.92     0.00    1-HR  ALL
      8TH                     0.08953  17061322        0.10714  18032402
0.11451  19082202        0.11719  20100624        0.11255  21111519
  437333.94000 3711475.27000       0.10909    67.58   186.89     0.00    1-HR  ALL
      8TH                     0.08679  17101319        0.10456  18090723
0.11838  19052501        0.12080  20032020        0.11492  21112920
  437298.63000 3711479.96000       0.11347    67.40   186.89     0.00    1-HR  ALL
      8TH                     0.09620  17082906        0.10813  18100501
0.11947  19122418        0.12440  20092322        0.11918  21090124
  437263.33000 3711484.64000       0.11131    67.67   186.89     0.00    1-HR  ALL
      8TH                     0.08796  17082906        0.10499  18032405
0.11812  19100722        0.12651  20052322        0.11898  21090124
  437228.03000 3711489.33000       0.11338    67.93   186.89     0.00    1-HR  ALL
      8TH                     0.07693  17082906        0.11088  18102520
0.12522  19082004        0.13051  20010918        0.12335  21110320
  437192.72000 3711494.01000       0.11477    68.54   186.89     0.00    1-HR  ALL
      8TH                     0.08045  17010219        0.11668  18030724
0.12272  19062824        0.13106  20091401        0.12295  21080204
  437157.42000 3711498.70000       0.11847    69.96   186.89     0.00    1-HR  ALL
      8TH                     0.08729  17031621        0.11517  18080922
0.12269  19050805        0.13816  20082305        0.12902  21111720
  437122.12000 3711503.38000       0.12745    71.74   186.89     0.00    1-HR  ALL
      8TH                     0.07655  17051022        0.11288  18090723
0.14322  19071603        0.15189  20091922        0.15272  21091204
  437088.32000 3711498.22000       0.16106    72.72   186.89     0.00    1-HR  ALL
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      8TH                     0.09661  17061803        0.15287  18120724
0.17923  19091403        0.18425  20082703        0.19234  21082304
  437007.59000 3711460.67000       0.21407    81.91   186.89     0.00    1-HR  ALL
      8TH                     0.15627  17021007        0.19348  18101407
0.22816  19110724        0.25911  20030524        0.23331  21061024
  436975.30000 3711445.66000       0.21570    89.77   186.78     0.00    1-HR  ALL
      8TH                     0.20612  17021620        0.20268  18032922
0.20794  19121319        0.24712  20030604        0.21465  21061024
  436943.00000 3711430.64000       0.22188   103.86   180.70     0.00    1-HR  ALL
      8TH                     0.22037  17041302        0.22125  18081703
0.22355  19092120        0.22133  20092722        0.22288  21102305
  436910.71000 3711415.63000       0.21685   115.09   175.59     0.00    1-HR  ALL
      8TH                     0.21519  17031601        0.21828  18091104
0.21811  19122201        0.21574  20013021        0.21692  21040221
  436878.42000 3711400.61000       0.21615   122.07   175.59     0.00    1-HR  ALL
      8TH                     0.21408  17011601        0.21730  18110623
0.21587  19040823        0.21832  20122123        0.21518  21041302
  436846.13000 3711385.59000       0.21961   127.36   175.59     0.00    1-HR  ALL
      8TH                     0.21927  17102803        0.21760  18032502
0.22083  19042424        0.22145  20050202        0.21891  21040222
  436813.84000 3711370.58000       0.22711   134.10   175.59     0.00    1-HR  ALL
      8TH                     0.23134  17090105        0.22257  18091423
0.22747  19013105        0.22860  20022822        0.22558  21052501
  436781.55000 3711355.56000       0.23658   145.84   175.59     0.00    1-HR  ALL
      8TH                     0.23705  17100202        0.23467  18051304
0.24180  19011124        0.23387  20092021        0.23550  21022601
  437509.67000 3711446.75000       0.12888    77.44   175.59     0.00    1-HR  ALL
      8TH                     0.10507  17080306        0.10352  18072224
0.14176  19030303        0.14561  20053005        0.14844  21071324
  437543.41000 3711431.86000       0.13812    86.50   175.59     0.00    1-HR  ALL
      8TH                     0.13964  17052120        0.13786  18050722
0.13732  19112317        0.13766  20092519        0.13815  21021319
  437515.41000 3711548.04000       0.12527    74.79   175.59     0.00    1-HR  ALL
      8TH                     0.09572  17061523        0.10905  18010618
0.13487  19072622        0.14280  20051324        0.14393  21071324
  437479.91000 3711552.75000       0.12450    72.67   175.59     0.00    1-HR  ALL
      8TH                     0.10003  17061322        0.11793  18010618
0.12702  19111220        0.14175  20022307        0.13575  21080304
  437444.40000 3711557.46000       0.10980    71.49   175.59     0.00    1-HR  ALL
      8TH                     0.08955  17102724        0.11119  18071405
0.11006  19071602        0.11891  20091122        0.11931  21021002
  437408.90000 3711562.17000       0.11369    71.75   175.59     0.00    1-HR  ALL
      8TH                     0.08722  17101319        0.10239  18032402
0.12231  19122418        0.12882  20060305        0.12768  21090124
  437373.39000 3711566.88000       0.09579    69.29   180.70     0.00    1-HR  ALL
      8TH                     0.07538  17101319        0.09088  18090723
0.10395  19052501        0.10623  20032020        0.10252  21090124
  437337.89000 3711571.60000       0.09881    67.52   183.79     0.00    1-HR  ALL
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0.10490  19092620        0.10920  20083001        0.10384  21090124
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  437302.38000 3711576.31000       0.09730    68.87   185.33     0.00    1-HR  ALL
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0.10160  19052322        0.11060  20080102        0.10523  21090124
  437266.88000 3711581.02000       0.10102    69.92   185.33     0.00    1-HR  ALL
      8TH                     0.06940  17082906        0.09765  18080424
0.11251  19062824        0.11722  20101919        0.10832  21110320
  437231.38000 3711585.73000       0.10534    70.17   185.33     0.00    1-HR  ALL
      8TH                     0.06786  17010717        0.10470  18092302
0.11492  19072704        0.12280  20101722        0.11643  21051106
  437160.37000 3711595.15000       0.15828    74.15   185.33     0.00    1-HR  ALL
      8TH                     0.08388  17051022        0.16848  18092924
0.18116  19071306        0.17604  20080201        0.18182  21061401
  437124.86000 3711599.86000       0.18632    80.51   180.70     0.00    1-HR  ALL
      8TH                     0.10059  17022521        0.20839  18032921
0.20314  19071306        0.19965  20091401        0.21981  21061401
  437008.16000 3711566.82000       0.18625   101.86   175.59     0.00    1-HR  ALL
      8TH                     0.18399  17072001        0.17927  18071023
0.18679  19040602        0.19502  20092002        0.18620  21051121
  436975.69000 3711551.72000       0.19061   105.90   175.59     0.00    1-HR  ALL
      8TH                     0.18976  17031723        0.18825  18040423
0.18981  19101622        0.19350  20052601        0.19173  21091402
  436943.21000 3711536.62000       0.19507   106.01   175.59     0.00    1-HR  ALL
      8TH                     0.19292  17071305        0.19411  18021204
0.19566  19101623        0.19542  20050222        0.19725  21092023
  436910.73000 3711521.51000       0.19679   109.43   175.59     0.00    1-HR  ALL
      8TH                     0.19663  17031601        0.19744  18091104
0.19620  19042605        0.19654  20102203        0.19714  21092023
  436878.26000 3711506.41000       0.19425   117.00   175.59     0.00    1-HR  ALL
      8TH                     0.19321  17071402        0.19703  18122521
0.19414  19090704        0.19383  20122123        0.19306  21102921
  436845.78000 3711491.31000       0.19123   125.37   175.59     0.00    1-HR  ALL
      8TH                     0.18978  17022703        0.19061  18091904
0.19190  19092505        0.19401  20052922        0.18985  21090605
  436813.31000 3711476.21000       0.19338   132.43   175.59     0.00    1-HR  ALL
      8TH                     0.19510  17090801        0.19101  18050624
0.19512  19120722        0.19384  20022822        0.19182  21021520
  436780.83000 3711461.10000       0.20106   143.66   175.59     0.00    1-HR  ALL
      8TH                     0.20268  17012306        0.20003  18031001
0.20252  19092501        0.20271  20020820        0.19738  21051702
  436748.35000 3711446.00000       0.21182   160.24   175.30     0.00    1-HR  ALL
      8TH                     0.21264  17051305        0.20992  18082323
0.21466  19040903        0.21102  20022602        0.21084  21041923
  436715.88000 3711430.90000       0.21463   166.28   168.73     0.00    1-HR  ALL
      8TH                     0.21415  17032202        0.21531  18091501
0.21401  19083105        0.21590  20101701        0.21378  21062104
  437550.04000 3711538.24000       0.12028    79.46   175.59     0.00    1-HR  ALL
      8TH                     0.10075  17061322        0.09671  18053002
0.13012  19030303        0.13525  20053005        0.13856  21071324
  437583.78000 3711523.35000       0.12216    84.98   175.59     0.00    1-HR  ALL
      8TH                     0.12139  17091701        0.11895  18040506
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0.12164  19030303        0.12031  20032304        0.12850  21090401
  437555.70000 3711639.54000       0.11771    77.87   175.59     0.00    1-HR  ALL
      8TH                     0.08857  17082906        0.10143  18010618
0.12647  19072622        0.13520  20051324        0.13687  21071324
  437520.04000 3711644.27000       0.11216    72.84   175.59     0.00    1-HR  ALL
      8TH                     0.08971  17061322        0.10663  18010618
0.11391  19111220        0.12816  20022307        0.12239  21080304
  437484.38000 3711649.00000       0.10726    72.23   175.59     0.00    1-HR  ALL
      8TH                     0.08608  17101319        0.10656  18010618
0.11047  19122418        0.11642  20050703        0.11676  21092306
  437448.71000 3711653.74000       0.11419    72.35   175.59     0.00    1-HR  ALL
      8TH                     0.09224  17072004        0.10698  18122022
0.11801  19090323        0.12667  20112019        0.12704  21090124
  437413.05000 3711658.47000       0.09064    70.37   175.59     0.00    1-HR  ALL
      8TH                     0.06816  17101319        0.08369  18052223
0.09758  19052501        0.10268  20072122        0.10110  21081201
  437377.39000 3711663.20000       0.08787    68.83   175.59     0.00    1-HR  ALL
      8TH                     0.07082  17091523        0.08482  18100501
0.09347  19092620        0.09746  20083001        0.09276  21090124
  437341.72000 3711667.93000       0.08588    67.29   175.59     0.00    1-HR  ALL
      8TH                     0.07028  17082906        0.08190  18081102
0.09040  19062824        0.09555  20052401        0.09130  21062905
  437306.06000 3711672.67000       0.08687    69.34   175.59     0.00    1-HR  ALL
      8TH                     0.06296  17082906        0.08216  18032405
0.09441  19100722        0.10039  20021620        0.09443  21081506
  437270.39000 3711677.40000       0.09196    70.27   175.59     0.00    1-HR  ALL
      8TH                     0.05484  17082906        0.08905  18102520
0.10286  19062824        0.10930  20080102        0.10375  21110320
  437234.73000 3711682.13000       0.10196    71.69   175.59     0.00    1-HR  ALL
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0.11129  19072703        0.12207  20080201        0.11487  21082304
  437109.91000 3711698.70000       0.16739    93.73   175.59     0.00    1-HR  ALL
      8TH                     0.12992  17072302        0.17628  18032921
0.16504  19082804        0.17249  20091123        0.19324  21061401
  437009.00000 3711673.09000       0.16527   109.22   175.59     0.00    1-HR  ALL
      8TH                     0.16489  17031723        0.15960  18103104
0.16567  19081122        0.16978  20043024        0.16637  21041303
  436976.38000 3711657.92000       0.16595   113.98   175.59     0.00    1-HR  ALL
      8TH                     0.16467  17122021        0.16392  18070901
0.16697  19042403        0.16726  20060606        0.16693  21012204
  436943.76000 3711642.75000       0.16652   118.28   175.59     0.00    1-HR  ALL
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0.16553  19121323        0.16609  20051002        0.16616  21071823
  436911.14000 3711627.58000       0.16640   122.31   175.59     0.00    1-HR  ALL
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0.16390  19122201        0.16726  20081902        0.16739  21020723
  436878.52000 3711612.41000       0.16764   125.50   175.59     0.00    1-HR  ALL
      8TH                     0.16482  17031601        0.16991  18111719
0.16832  19090704        0.16650  20092122        0.16865  21012320
  436845.90000 3711597.24000       0.16704   132.59   175.59     0.00    1-HR  ALL
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0.17382  19040206        0.17256  20033124        0.16845  21080505
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0.18154  19012923        0.17993  20050904        0.17758  21121219
  436748.03000 3711551.73000       0.18488   167.39   175.59     0.00    1-HR  ALL
      8TH                     0.18685  17010819        0.18331  18082502
0.18817  19100903        0.18489  20020820        0.18117  21080623
  436715.41000 3711536.56000       0.18743   168.32   175.30     0.00    1-HR  ALL
      8TH                     0.18719  17051305        0.18596  18091504
0.18986  19040903        0.18642  20120702        0.18773  21090102
  436682.79000 3711521.39000       0.18614   163.56   175.30     0.00    1-HR  ALL
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0.18559  19083105        0.18731  20101701        0.18533  21062104
  436650.17000 3711506.22000       0.18529   162.54   175.30     0.00    1-HR  ALL
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0.18337  19110521        0.18824  20092123        0.18650  21050523
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0.12174  19111220        0.12608  20032304        0.13239  21073004
  437624.14000 3711614.84000       0.12865    97.02    97.70     0.00    1-HR  ALL
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0.12833  19061704        0.12828  20061221        0.13129  21051406
  437596.01000 3711731.04000       0.11460    88.37   175.59     0.00    1-HR  ALL
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  437560.21000 3711735.79000       0.10991    75.67   175.59     0.00    1-HR  ALL
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0.11083  19111220        0.12771  20080722        0.12341  21021002
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0.11180  19092620        0.12607  20083001        0.12058  21101623
  437488.63000 3711745.29000       0.11454    73.37   175.59     0.00    1-HR  ALL
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0.11528  19090323        0.13264  20080104        0.12758  21092306
  437452.84000 3711750.04000       0.10933    72.87   175.59     0.00    1-HR  ALL
      8TH                     0.08142  17022801        0.09241  18052223
0.11168  19090323        0.13432  20080104        0.12684  21073004
  437417.05000 3711754.79000       0.08293    70.08   175.59     0.00    1-HR  ALL
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0.08768  19122418        0.09237  20050703        0.08930  21101623
  437381.26000 3711759.54000       0.07699    68.94   175.59     0.00    1-HR  ALL
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0.08082  19072704        0.08570  20021620        0.08175  21081304
  437345.47000 3711764.28000       0.07607    67.88   175.59     0.00    1-HR  ALL
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0.08086  19100722        0.08709  20072122        0.08190  21090124
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  437309.68000 3711769.03000       0.07717    69.67   175.59     0.00    1-HR  ALL
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0.08693  19062824        0.09007  20021620        0.08367  21110320
  437273.88000 3711773.78000       0.08094    70.04   175.59     0.00    1-HR  ALL
      8TH                     0.04859  17010717        0.08044  18061021
0.08982  19071603        0.09551  20101722        0.09031  21080103
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0.09260  19082804        0.10377  20091123        0.09705  21081005
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      8TH                     0.11007  17102422        0.16053  18080424
0.15569  19121219        0.15879  20122620        0.17902  21110820
  437010.03000 3711779.44000       0.15100   102.03   175.59     0.00    1-HR  ALL
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0.15133  19042403        0.15932  20092002        0.14941  21050422
  436977.29000 3711764.22000       0.15192   112.74   175.59     0.00    1-HR  ALL
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0.15199  19081122        0.15423  20012420        0.15310  21051121
  436944.55000 3711749.00000       0.15188   118.04   175.59     0.00    1-HR  ALL
      8TH                     0.15253  17011020        0.15140  18121218
0.15152  19080224        0.15139  20042501        0.15254  21090101
  436911.81000 3711733.77000       0.15000   123.06   175.59     0.00    1-HR  ALL
      8TH                     0.14905  17101201        0.15097  18081823
0.14836  19052522        0.15082  20031107        0.15084  21102305
  436879.08000 3711718.55000       0.14918   129.29   175.59     0.00    1-HR  ALL
      8TH                     0.14795  17031601        0.15048  18032922
0.14988  19050803        0.14822  20101906        0.14936  21042322
  436846.34000 3711703.32000       0.14883   137.84   175.59     0.00    1-HR  ALL
      8TH                     0.14873  17071402        0.15041  18100521
0.14710  19083001        0.14963  20101418        0.14829  21102320
  436813.60000 3711688.10000       0.15218   148.32   175.59     0.00    1-HR  ALL
      8TH                     0.15178  17040401        0.15091  18102521
0.15482  19040823        0.15361  20052922        0.14977  21040623
  436780.86000 3711672.88000       0.15972   161.48   175.59     0.00    1-HR  ALL
      8TH                     0.16049  17031523        0.15775  18050624
0.16293  19042424        0.15969  20050202        0.15774  21080505
  436748.12000 3711657.65000       0.16386   168.38   175.59     0.00    1-HR  ALL
      8TH                     0.16537  17010708        0.16235  18040523
0.16458  19051723        0.16496  20110604        0.16203  21100722
  436715.38000 3711642.43000       0.16293   164.82   175.59     0.00    1-HR  ALL
      8TH                     0.16444  17071802        0.16219  18070722
0.16610  19042101        0.16170  20020224        0.16022  21080623
  436682.65000 3711627.20000       0.16389   162.61   175.59     0.00    1-HR  ALL
      8TH                     0.16300  17110124        0.16322  18091504
0.16544  19040903        0.16327  20022602        0.16450  21090102
  436649.91000 3711611.98000       0.16418   162.87   175.59     0.00    1-HR  ALL
      8TH                     0.16380  17032202        0.16467  18042705
0.16375  19083105        0.16517  20101701        0.16349  21062104
  436617.17000 3711596.76000       0.16317   161.07   175.59     0.00    1-HR  ALL
      8TH                     0.16284  17070901        0.16136  18112901
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0.16246  19110521        0.16584  20092123        0.16333  21050523
  436584.43000 3711581.53000       0.16197   160.12   175.30     0.00    1-HR  ALL
      8TH                     0.16312  17110122        0.15898  18112901
0.16267  19033124        0.16186  20031421        0.16321  21041203
  437630.77000 3711721.22000       0.11572    96.90    96.90     0.00    1-HR  ALL
      8TH                     0.11818  17070423        0.11106  18090320
0.11501  19012018        0.11690  20112717        0.11744  21073004
  437664.51000 3711706.33000       0.11808    97.30    97.30     0.00    1-HR  ALL
      8TH                     0.12066  17091701        0.11338  18042821
0.11852  19082622        0.11775  20080722        0.12006  21051406
  437636.32000 3711822.54000       0.10516    88.11    96.83     0.00    1-HR  ALL
      8TH                     0.09048  17053102        0.08950  18120519
0.10798  19072622        0.11767  20012324        0.12017  21071324
  437600.42000 3711827.30000       0.10253    77.65   175.59     0.00    1-HR  ALL
      8TH                     0.07941  17061322        0.09484  18010618
0.10271  19111220        0.11934  20080722        0.11637  21021002
  437564.53000 3711832.06000       0.10492    76.14   175.59     0.00    1-HR  ALL
      8TH                     0.07842  17101319        0.09925  18033004
0.10707  19092620        0.12250  20083001        0.11737  21101623
  437528.63000 3711836.83000       0.10872    75.39   175.59     0.00    1-HR  ALL
      8TH                     0.08551  17102724        0.09862  18102705
0.10902  19032701        0.12944  20080104        0.12101  21041006
  437492.73000 3711841.59000       0.10725    74.58   175.59     0.00    1-HR  ALL
      8TH                     0.08048  17072004        0.08551  18080501
0.10965  19092620        0.13480  20092405        0.12583  21092306
  437456.84000 3711846.35000       0.09752    72.60   175.59     0.00    1-HR  ALL
      8TH                     0.07419  17082906        0.08581  18010618
0.09935  19091501        0.11511  20060305        0.11312  21071304
  437420.94000 3711851.12000       0.07294    70.19   175.59     0.00    1-HR  ALL
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0.07558  19092620        0.08262  20112019        0.07936  21071304
  437385.04000 3711855.88000       0.06916    69.50   175.59     0.00    1-HR  ALL
      8TH                     0.05312  17082906        0.06531  18032405
0.07220  19052322        0.07964  20072122        0.07555  21090124
  437349.15000 3711860.64000       0.06904    69.25   175.59     0.00    1-HR  ALL
      8TH                     0.04742  17082906        0.06633  18032405
0.07613  19091403        0.08127  20021620        0.07403  21092306
  437313.25000 3711865.41000       0.07222    70.07   175.59     0.00    1-HR  ALL
      8TH                     0.04105  17082906        0.07052  18102520
0.08136  19062824        0.08628  20010918        0.08188  21110320
  437277.35000 3711870.17000       0.07519    70.43   175.59     0.00    1-HR  ALL
      8TH                     0.04390  17010219        0.07492  18030724
0.08217  19062824        0.09116  20101919        0.08383  21110820
  437241.46000 3711874.93000       0.10886    73.95   175.59     0.00    1-HR  ALL
      8TH                     0.04990  17041302        0.10968  18092302
0.12895  19102119        0.12862  20052322        0.12717  21110320
  437061.98000 3711898.75000       0.13706    89.91   175.59     0.00    1-HR  ALL
      8TH                     0.10800  17010523        0.11947  18080424
0.15038  19032805        0.15509  20082703        0.15235  21061401
  437011.19000 3711885.86000       0.13474    97.93   175.59     0.00    1-HR  ALL
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      8TH                     0.13106  17011019        0.12716  18112418
0.13256  19042522        0.14881  20030524        0.13413  21061024
  436978.36000 3711870.59000       0.13937   102.45   175.59     0.00    1-HR  ALL
      8TH                     0.13939  17092921        0.13485  18051924
0.13982  19051504        0.14230  20052601        0.14049  21091402
  436945.52000 3711855.33000       0.14245   107.28   175.59     0.00    1-HR  ALL
      8TH                     0.14087  17092921        0.14171  18070901
0.14046  19110923        0.14474  20051802        0.14445  21040521
  436912.69000 3711840.06000       0.13887   120.53   175.59     0.00    1-HR  ALL
      8TH                     0.13945  17080401        0.13990  18071105
0.13773  19012301        0.13752  20050824        0.13977  21072423
  436879.85000 3711824.79000       0.13315   135.22   175.59     0.00    1-HR  ALL
      8TH                     0.13252  17052603        0.13406  18082001
0.13228  19062822        0.13376  20081524        0.13312  21042322
  436847.02000 3711809.52000       0.13387   147.24   175.59     0.00    1-HR  ALL
      8TH                     0.13338  17031601        0.13432  18041103
0.13247  19090524        0.13532  20031107        0.13385  21050402
  436814.18000 3711794.25000       0.13499   149.17   175.59     0.00    1-HR  ALL
      8TH                     0.13485  17091922        0.13638  18110623
0.13558  19082323        0.13438  20061322        0.13376  21062802
  436781.35000 3711778.98000       0.13722   146.44   175.59     0.00    1-HR  ALL
      8TH                     0.13667  17072102        0.13707  18040103
0.13943  19040206        0.13819  20050423        0.13472  21040623
  436748.52000 3711763.71000       0.13915   148.39   175.59     0.00    1-HR  ALL
      8TH                     0.14029  17021406        0.13745  18062624
0.14096  19041223        0.13910  20050202        0.13794  21021306
  436715.68000 3711748.44000       0.14152   150.84   175.59     0.00    1-HR  ALL
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0.14128  19120403        0.14314  20012424        0.14044  21021606
  436682.85000 3711733.17000       0.14331   155.18   175.59     0.00    1-HR  ALL
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0.14607  19011320        0.14202  20092703        0.14173  21021521
  436650.01000 3711717.91000       0.14572   161.63   175.59     0.00    1-HR  ALL
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0.14702  19052905        0.14488  20022602        0.14635  21030623
  436617.18000 3711702.64000       0.14627   161.62   161.62     0.00    1-HR  ALL
      8TH                     0.14590  17032202        0.14666  18042705
0.14599  19083105        0.14708  20101701        0.14572  21062104
  436584.34000 3711687.37000       0.14523   161.71   161.71     0.00    1-HR  ALL
      8TH                     0.14498  17070901        0.14386  18070201
0.14545  19053103        0.14658  20020223        0.14526  21062001
  436551.51000 3711672.10000       0.14551   161.67   161.67     0.00    1-HR  ALL
      8TH                     0.14682  17090805        0.14270  18102205
0.14523  19052703        0.14603  20092124        0.14678  21042002
  436518.67000 3711656.83000       0.14541   161.95   161.95     0.00    1-HR  ALL
      8TH                     0.14710  17042306        0.14408  18042006
0.14583  19111021        0.14613  20011623        0.14390  21032005
  437671.14000 3711812.71000       0.10555    95.75    95.75     0.00    1-HR  ALL
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0.10296  19111220        0.10675  20052624        0.11159  21092124
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      8TH                     0.06946  17082906        0.08008  18010618
0.09585  19072622        0.10270  20012324        0.10452  21052421
  437640.66000 3711918.81000       0.09326    77.33   175.59     0.00    1-HR  ALL
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0.09339  19091501        0.10787  20080722        0.10591  21021002
  437604.67000 3711923.58000       0.09651    76.83   175.59     0.00    1-HR  ALL
      8TH                     0.07123  17051022        0.09153  18030724
0.09896  19092620        0.11305  20083001        0.10781  21101623
  437568.69000 3711928.36000       0.09872    75.83   175.59     0.00    1-HR  ALL
      8TH                     0.07537  17102724        0.08984  18102705
0.09887  19032701        0.11875  20080104        0.11078  21090124
  437532.70000 3711933.13000       0.09878    75.28   175.59     0.00    1-HR  ALL
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0.10173  19092620        0.12458  20092405        0.11648  21092306
  437496.72000 3711937.91000       0.10046    75.01   175.59     0.00    1-HR  ALL
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0.09959  19122918        0.12647  20060305        0.11807  21071304
  437460.73000 3711942.68000       0.08990    72.56   175.59     0.00    1-HR  ALL
      8TH                     0.07161  17080306        0.07231  18010618
0.09391  19080303        0.10755  20101722        0.10414  21092306
  437424.75000 3711947.46000       0.06894    71.00   175.59     0.00    1-HR  ALL
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0.07441  19062824        0.07968  20080102        0.07638  21073024
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      8TH                     0.04462  17082906        0.06140  18032405
0.07013  19100722        0.07534  20091321        0.07061  21092306
  437352.78000 3711957.01000       0.06728    70.45   175.59     0.00    1-HR  ALL
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0.07707  19062824        0.08165  20072024        0.07355  21110320
  437316.80000 3711961.78000       0.07484    71.83   175.59     0.00    1-HR  ALL
      8TH                     0.03853  17010717        0.07298  18061021
0.08611  19100722        0.09100  20101919        0.08557  21081403
  437280.81000 3711966.56000       0.10472    76.99   175.59     0.00    1-HR  ALL
      8TH                     0.05204  17010717        0.10249  18032921
0.12050  19120802        0.12825  20112321        0.12034  21110320
  437244.83000 3711971.33000       0.11953    82.49   175.59     0.00    1-HR  ALL
      8TH                     0.06898  17101918        0.11451  18080501
0.14610  19050805        0.13404  20061102        0.13404  21110320
  437012.46000 3711992.33000       0.12569   103.82   175.59     0.00    1-HR  ALL
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0.12642  19042403        0.13135  20092002        0.12488  21051121
  436979.54000 3711977.02000       0.12851   106.98   175.59     0.00    1-HR  ALL
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0.12930  19051504        0.13211  20052601        0.12957  21091402
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      8TH                     0.12913  17082904        0.12914  18092024
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0.12977  19071823        0.13159  20050322        0.13163  21040521
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0.12695  19110923        0.12896  20042501        0.12938  21071301
  436880.80000 3711931.11000       0.13149   117.21   175.59     0.00    1-HR  ALL
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0.13056  19101121        0.13200  20021803        0.13158  21040221
  436847.88000 3711915.80000       0.12685   128.20   175.59     0.00    1-HR  ALL
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0.12719  19062822        0.12634  20071703        0.12745  21100719
  436814.97000 3711900.49000       0.12335   139.56   175.59     0.00    1-HR  ALL
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0.12250  19082923        0.12345  20092122        0.12269  21102320
  436782.05000 3711885.19000       0.12399   143.09   175.59     0.00    1-HR  ALL
      8TH                     0.12262  17072102        0.12364  18110620
0.12525  19040823        0.12526  20042502        0.12319  21042203
  436749.14000 3711869.88000       0.12516   144.17   175.59     0.00    1-HR  ALL
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0.12620  19040206        0.12618  20052503        0.12402  21040222
  436716.22000 3711854.57000       0.12680   145.82   175.59     0.00    1-HR  ALL
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0.12776  19120403        0.12740  20050904        0.12562  21021606
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0.12789  19120403        0.12911  20012424        0.12561  21051702
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0.13074  19121619        0.12737  20020820        0.12867  21030220
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0.12993  19040903        0.12840  20051921        0.12984  21041923
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      8TH                     0.12741  17101902        0.12844  18032504
0.12847  19053022        0.13011  20022906        0.12856  21062104
  436551.65000 3711778.04000       0.12857   150.16   175.59     0.00    1-HR  ALL
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0.12835  19011123        0.12969  20050902        0.12815  21050403
  436518.73000 3711762.74000       0.12931   151.32   162.03     0.00    1-HR  ALL
      8TH                     0.13104  17090805        0.12641  18062004
0.12889  19120419        0.12969  20121823        0.13050  21042002
  436485.81000 3711747.43000       0.12831   146.08   175.59     0.00    1-HR  ALL
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0.12807  19090703        0.12920  20031320        0.12726  21040821
  436452.90000 3711732.12000       0.12794   142.88   175.59     0.00    1-HR  ALL
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0.12739  19091623        0.13022  20040324        0.12569  21063005
  437711.51000 3711904.20000       0.09372    85.49    96.74     0.00    1-HR  ALL
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0.09924  19122918        0.10186  20053005        0.11039  21080304
  437745.25000 3711889.31000       0.09741    95.32    95.32     0.00    1-HR  ALL
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  437680.91000 3712010.31000       0.08517    76.98   116.53     0.00    1-HR  ALL
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  437644.85000 3712015.10000       0.08781    76.63   175.59     0.00    1-HR  ALL
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0.09076  19092620        0.10312  20083001        0.09781  21101623
  437608.79000 3712019.88000       0.09028    76.33   175.59     0.00    1-HR  ALL
      8TH                     0.06673  17102724        0.08237  18102705
0.09105  19122418        0.10959  20080104        0.10164  21081405
  437572.73000 3712024.67000       0.08844    74.48   175.59     0.00    1-HR  ALL
      8TH                     0.06561  17072004        0.06975  18102705
0.09190  19092620        0.11060  20092322        0.10436  21092306
  437536.67000 3712029.45000       0.09301    75.73   175.59     0.00    1-HR  ALL
      8TH                     0.06463  17022801        0.07942  18010618
0.09327  19083006        0.11853  20102819        0.10922  21110819
  437500.61000 3712034.24000       0.09202    75.50   175.59     0.00    1-HR  ALL
      8TH                     0.06929  17091523        0.07701  18090723
0.09307  19071304        0.11376  20022307        0.10698  21080204
  437464.55000 3712039.02000       0.07705    72.38   175.59     0.00    1-HR  ALL
      8TH                     0.05829  17080306        0.06405  18122022
0.08420  19092304        0.09066  20080104        0.08806  21092306
  437428.50000 3712043.81000       0.06501    71.35   175.59     0.00    1-HR  ALL
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0.07267  19072704        0.07598  20092222        0.07331  21101623
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0.07081  19072704        0.07492  20080102        0.07014  21110320
  437320.32000 3712058.16000       0.08908    74.21   175.59     0.00    1-HR  ALL
      8TH                     0.03911  17010717        0.08412  18101407
0.10779  19083006        0.11122  20052322        0.10315  21051106
  437284.26000 3712062.95000       0.10704    83.07   175.59     0.00    1-HR  ALL
      8TH                     0.06469  17100219        0.10128  18081403
0.12627  19120802        0.12084  20112321        0.12213  21021001
  437248.20000 3712067.73000       0.11529    87.61   175.59     0.00    1-HR  ALL
      8TH                     0.07663  17042303        0.10874  18092302
0.13798  19082902        0.12672  20080201        0.12639  21110320
  437031.84000 3712096.44000       0.11406   109.34   175.59     0.00    1-HR  ALL
      8TH                     0.11294  17031723        0.11041  18050805
0.11311  19081122        0.11863  20092604        0.11524  21092821
  436997.32000 3712091.17000       0.11563   118.12   175.59     0.00    1-HR  ALL
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0.11557  19121319        0.11815  20052601        0.11685  21071124
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0.11359  19101219        0.11266  20061223        0.11273  21082003
  436931.35000 3712060.49000       0.10867   139.20   147.10     0.00    1-HR  ALL
      8TH                     0.10836  17052824        0.10794  18121218
0.10917  19080224        0.10897  20092203        0.10890  21082003
  436898.36000 3712045.15000       0.10859   145.14   146.90     0.00    1-HR  ALL
      8TH                     0.10821  17062602        0.10904  18121218
0.10793  19080802        0.10889  20110222        0.10886  21071301
  436865.38000 3712029.81000       0.11023   143.91   143.91     0.00    1-HR  ALL
      8TH                     0.10944  17021405        0.11133  18081823
0.10964  19041224        0.11087  20091402        0.10986  21040221
  436832.40000 3712014.48000       0.11177   143.46   143.46     0.00    1-HR  ALL
      8TH                     0.11042  17072503        0.11275  18122521
0.11187  19122201        0.11190  20092122        0.11188  21012320
  436799.41000 3711999.14000       0.11327   142.48   142.48     0.00    1-HR  ALL
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0.11242  19082923        0.11331  20092122        0.11273  21102320
  436766.43000 3711983.80000       0.11430   141.77   141.77     0.00    1-HR  ALL
      8TH                     0.11324  17100722        0.11415  18122419
0.11508  19040823        0.11558  20052922        0.11343  21040922
  436733.45000 3711968.46000       0.11506   141.75   141.75     0.00    1-HR  ALL
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0.11575  19092505        0.11681  20052503        0.11411  21061824
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0.11760  19051002        0.11651  20050904        0.11594  21021520
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0.11789  19092501        0.11939  20020820        0.11689  21051702
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0.11829  19042101        0.11805  20102223        0.11769  21100721
  436601.51000 3711907.11000       0.11834   141.64   175.59     0.00    1-HR  ALL
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  436568.53000 3711891.77000       0.11870   138.93   175.59     0.00    1-HR  ALL
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0.11814  19080924        0.12055  20022906        0.11954  21092024
  436535.54000 3711876.43000       0.12045   136.04   175.59     0.00    1-HR  ALL
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0.12075  19090823        0.12319  20102023        0.11887  21041924
  436502.56000 3711861.09000       0.12291   131.55   175.59     0.00    1-HR  ALL
      8TH                     0.12223  17101723        0.12197  18072003
0.12234  19062102        0.12340  20082301        0.12461  21053122
  436469.57000 3711845.76000       0.12367   127.99   175.59     0.00    1-HR  ALL
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0.12290  19072203        0.12419  20031324        0.12481  21101805
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0.12957  19032003        0.13021  20041806        0.12699  21021207
  436370.62000 3711799.74000       0.12761   120.21   175.59     0.00    1-HR  ALL
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  437785.61000 3711980.81000       0.08771    91.02    95.28     0.00    1-HR  ALL
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0.08567  19030303        0.08914  20053005        0.09657  21021418
  437757.31000 3712097.02000       0.07625    76.98   116.90     0.00    1-HR  ALL
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0.07805  19091501        0.08730  20080722        0.08666  21021002
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      8TH                     0.05789  17051022        0.07348  18030724
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  437504.44000 3712130.58000       0.08338    74.37   175.59     0.00    1-HR  ALL
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0.09114  19100622        0.10134  20101722        0.09760  21080103
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0.10702  19042403        0.10950  20082703        0.10637  21050422
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0.10206  19101219        0.10083  20050201        0.10043  21110602
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  436850.01000 3712128.54000       0.10226   145.30   145.30     0.00    1-HR  ALL
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  436816.96000 3712113.18000       0.10365   144.41   144.41     0.00    1-HR  ALL
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0.10197  19013105        0.10278  20052503        0.10193  21090106
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0.10443  19013020        0.10386  20102223        0.10324  21102920
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0.10531  19092503        0.10293  20021120        0.10450  21032522
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0.10411  19090823        0.10567  20092502        0.10525  21092024
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0.10438  19072203        0.10531  20092023        0.10634  21042821
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0.10998  19030907        0.10950  20071704        0.10705  21022422
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  437355.99000 3710800.79000       0.24163    74.30   205.14     0.00    1-HR  ALL
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      8TH                     0.23299  17040820        0.25052  18093022
0.23955  19081819        0.23606  20072119        0.22785  21030818
  437545.40000 3710634.60000       0.23669    84.46   205.14     0.00    1-HR  ALL
      8TH                     0.23403  17041920        0.24033  18031702
0.23972  19032018        0.23848  20042419        0.23089  21121417
  437542.67000 3710609.79000       0.23319    83.87   205.14     0.00    1-HR  ALL
      8TH                     0.22639  17012318        0.23147  18022318
0.24182  19011720        0.23425  20020818        0.23204  21071619
  437603.78000 3710776.84000       0.21449    84.52   205.14     0.00    1-HR  ALL
      8TH                     0.22452  17030519        0.22243  18042404
0.21908  19021718        0.21152  20061219        0.19488  21121418
  437598.82000 3710800.51000       0.21853    85.17   205.14     0.00    1-HR  ALL
      8TH                     0.22611  17030519        0.22080  18091102
0.22460  19051622        0.21515  20123124        0.20601  21022518
  437593.85000 3710824.18000       0.21954    85.88   205.14     0.00    1-HR  ALL
      8TH                     0.22842  17030318        0.22647  18011920
0.22535  19060320        0.21544  20071620        0.20202  21021019
  437588.89000 3710847.85000       0.21841    86.45   205.14     0.00    1-HR  ALL
      8TH                     0.22267  17041804        0.22883  18022307
0.22748  19020918        0.21886  20080621        0.19419  21042719
  437583.93000 3710871.52000       0.21932    87.89   180.70     0.00    1-HR  ALL
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      8TH                     0.22336  17032220        0.22817  18010919
0.22915  19092624        0.22715  20051320        0.18877  21021107
  437578.97000 3710895.19000       0.21991    88.85    88.85     0.00    1-HR  ALL
      8TH                     0.22323  17082404        0.22477  18041821
0.23000  19091019        0.22471  20042921        0.19682  21100818
  437574.00000 3710918.86000       0.21777    89.70    89.70     0.00    1-HR  ALL
      8TH                     0.22075  17022418        0.22184  18051920
0.22745  19020522        0.21827  20032119        0.20052  21100818
  437569.04000 3710942.54000       0.20926    90.62    90.62     0.00    1-HR  ALL
      8TH                     0.21389  17022319        0.21158  18071320
0.21784  19020522        0.20845  20010917        0.19455  21030618
  437546.08000 3710982.37000       0.20185    92.04    92.04     0.00    1-HR  ALL
      8TH                     0.20747  17032320        0.20460  18052904
0.20498  19022218        0.19916  20072020        0.19304  21022518
  437528.09000 3710998.53000       0.20297    91.70    91.70     0.00    1-HR  ALL
      8TH                     0.20855  17121617        0.20492  18072922
0.20545  19120917        0.20051  20011017        0.19542  21031521
  437510.09000 3711014.69000       0.20346    89.88   180.70     0.00    1-HR  ALL
      8TH                     0.20858  17022721        0.20344  18062705
0.20649  19041924        0.20393  20112417        0.19488  21032407
  437492.10000 3711030.85000       0.20299    88.45   185.33     0.00    1-HR  ALL
      8TH                     0.20383  17012118        0.20147  18043023
0.20919  19021420        0.20129  20110701        0.19919  21072521
  437474.10000 3711047.01000       0.20359    87.26   185.33     0.00    1-HR  ALL
      8TH                     0.20107  17031319        0.20459  18041904
0.20489  19051821        0.20227  20062121        0.20515  21100518
  437456.11000 3711063.17000       0.18225    81.20   205.14     0.00    1-HR  ALL
      8TH                     0.18608  17010517        0.18282  18031323
0.18112  19010203        0.17921  20101718        0.18200  21052720
  437438.11000 3711079.33000       0.13770    74.46   205.14     0.00    1-HR  ALL
      8TH                     0.13734  17021118        0.13975  18102705
0.13812  19010203        0.13803  20080722        0.13526  21051522
  437420.12000 3711095.49000       0.10102    69.97   205.14     0.00    1-HR  ALL
      8TH                     0.08046  17031621        0.08436  18010618
0.10891  19122918        0.11150  20112420        0.11984  21071324
  437608.74000 3710753.17000       0.21315    84.38   205.14     0.00    1-HR  ALL
      8TH                     0.21976  17030519        0.22504  18080121
0.21826  19051323        0.21127  20061219        0.19144  21031520
  437606.01000 3710728.36000       0.21034    84.09   205.14     0.00    1-HR  ALL
      8TH                     0.21611  17121917        0.22848  18112917
0.21617  19052002        0.20505  20071620        0.18592  21072621
  437603.29000 3710703.55000       0.21244    83.74   205.14     0.00    1-HR  ALL
      8TH                     0.21194  17010518        0.23055  18061320
0.22057  19041719        0.20400  20040803        0.19514  21082021
  437600.56000 3710678.75000       0.21362    83.43   205.14     0.00    1-HR  ALL
      8TH                     0.21003  17010518        0.23224  18021902
0.21563  19051323        0.20350  20072119        0.20669  21082021
  437597.83000 3710653.94000       0.21174    83.02   205.14     0.00    1-HR  ALL
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0.21642  19021618        0.21040  20042419        0.20197  21121417
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  437595.10000 3710629.13000       0.20507    81.97   205.14     0.00    1-HR  ALL
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0.21359  19051619        0.20752  20052619        0.19872  21010117
  437592.37000 3710604.33000       0.17758    78.63   205.14     0.00    1-HR  ALL
      8TH                     0.17369  17121917        0.18586  18022318
0.18295  19051619        0.17819  20031118        0.16722  21012006
  437653.34000 3710772.05000       0.15868    77.63   205.14     0.00    1-HR  ALL
      8TH                     0.16307  17041804        0.17106  18080121
0.16880  19081819        0.15628  20032618        0.13422  21121418
  437648.23000 3710796.40000       0.14284    75.46   205.14     0.00    1-HR  ALL
      8TH                     0.14724  17032718        0.15217  18093022
0.14826  19051622        0.14363  20032618        0.12291  21011517
  437643.13000 3710820.74000       0.14988    75.96   205.14     0.00    1-HR  ALL
      8TH                     0.15502  17032019        0.15850  18050819
0.15900  19040419        0.14742  20032718        0.12948  21042619
  437638.02000 3710845.09000       0.17457    78.90   205.14     0.00    1-HR  ALL
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0.18684  19022102        0.17520  20031818        0.15090  21010117
  437632.92000 3710869.44000       0.19487    83.13   204.69     0.00    1-HR  ALL
      8TH                     0.20040  17032021        0.20880  18091102
0.20631  19122417        0.19678  20080621        0.16207  21021018
  437627.82000 3710893.79000       0.20293    86.46    88.36     0.00    1-HR  ALL
      8TH                     0.20922  17100320        0.21141  18041919
0.21180  19092624        0.20984  20022318        0.17239  21021107
  437622.71000 3710918.13000       0.20735    88.72    88.72     0.00    1-HR  ALL
      8TH                     0.21144  17022218        0.21233  18050819
0.21787  19091019        0.21168  20070220        0.18344  21100818
  437617.61000 3710942.48000       0.20527    89.69    89.69     0.00    1-HR  ALL
      8TH                     0.20849  17081019        0.20892  18051920
0.21588  19092624        0.20518  20032119        0.18788  21100818
  437612.50000 3710966.83000       0.19775    90.77    90.77     0.00    1-HR  ALL
      8TH                     0.20189  17022319        0.20006  18011920
0.20706  19020522        0.19695  20010917        0.18282  21030618
  437588.89000 3711007.80000       0.19063    93.13    93.13     0.00    1-HR  ALL
      8TH                     0.19616  17100319        0.19434  18052904
0.19438  19100318        0.18803  20052905        0.18024  21022518
  437570.38000 3711024.42000       0.19113    94.12    94.12     0.00    1-HR  ALL
      8TH                     0.19683  17080220        0.19264  18072922
0.19310  19091819        0.18967  20060521        0.18341  21032407
  437551.87000 3711041.04000       0.19368    94.62    94.62     0.00    1-HR  ALL
      8TH                     0.19762  17070723        0.19320  18011921
0.19597  19100318        0.19503  20080720        0.18656  21051419
  437533.36000 3711057.66000       0.19520    94.17    94.17     0.00    1-HR  ALL
      8TH                     0.19771  17060802        0.19221  18072922
0.19813  19112617        0.19572  20072320        0.19222  21100518
  437514.85000 3711074.28000       0.19761    93.62    93.62     0.00    1-HR  ALL
      8TH                     0.19752  17060802        0.19209  18062705
0.20079  19073021        0.20047  20021819        0.19717  21051719
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      8TH                     0.20089  17112706        0.19831  18121718
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0.20186  19051821        0.20109  20021819        0.20209  21051719
  437477.84000 3711107.53000       0.19209    86.12   185.33     0.00    1-HR  ALL
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0.18957  19122917        0.19173  20032302        0.19300  21012218
  437459.33000 3711124.15000       0.15199    77.91   205.14     0.00    1-HR  ALL
      8TH                     0.15240  17040619        0.15156  18110618
0.15161  19051321        0.15161  20031621        0.15277  21081203
  437440.82000 3711140.77000       0.09874    70.83   205.14     0.00    1-HR  ALL
      8TH                     0.07808  17093002        0.07970  18010618
0.10568  19071304        0.11328  20102020        0.11697  21071324
  437658.44000 3710747.70000       0.16929    79.64   205.14     0.00    1-HR  ALL
      8TH                     0.17531  17081721        0.18633  18041619
0.18266  19051920        0.16247  20032618        0.13969  21031519
  437655.71000 3710722.89000       0.18231    81.20   205.14     0.00    1-HR  ALL
      8TH                     0.18583  17121917        0.20465  18050919
0.18756  19011720        0.17478  20061219        0.15872  21042522
  437652.99000 3710698.09000       0.18586    81.57   205.14     0.00    1-HR  ALL
      8TH                     0.18357  17081721        0.21064  18080121
0.18882  19051323        0.17573  20030118        0.17056  21082021
  437650.26000 3710673.28000       0.18346    80.96   205.14     0.00    1-HR  ALL
      8TH                     0.17771  17022318        0.20073  18123121
0.18923  19032018        0.17464  20042419        0.17497  21082021
  437647.53000 3710648.47000       0.17791    80.05   205.14     0.00    1-HR  ALL
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0.18616  19011720        0.17001  20072119        0.17016  21042522
  437644.80000 3710623.67000       0.16365    78.57   205.14     0.00    1-HR  ALL
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0.17199  19041719        0.16483  20110819        0.15324  21010117
  437642.07000 3710598.86000       0.13293    75.43   210.88     0.00    1-HR  ALL
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0.13624  19071219        0.13377  20052619        0.12765  21122603
  437703.36000 3710765.06000       0.04109    69.90   205.14     0.00    1-HR  ALL
      8TH                     0.04057  17022318        0.04050  18011920
0.04618  19051921        0.04006  20052619        0.03814  21061106
  437698.57000 3710787.89000       0.04674    70.30   205.14     0.00    1-HR  ALL
      8TH                     0.04780  17092618        0.04664  18051319
0.05295  19051921        0.04602  20052619        0.04030  21010117
  437693.79000 3710810.71000       0.05139    70.45   205.14     0.00    1-HR  ALL
      8TH                     0.05272  17092618        0.05254  18060620
0.05994  19051921        0.04844  20052619        0.04330  21042619
  437689.00000 3710833.54000       0.06115    71.25   205.14     0.00    1-HR  ALL
      8TH                     0.06310  17032019        0.06184  18123121
0.07128  19051921        0.05836  20031718        0.05115  21121418
  437684.22000 3710856.36000       0.11172    73.42   205.14     0.00    1-HR  ALL
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0.12091  19040418        0.11326  20032718        0.07894  21010117
  437679.43000 3710879.19000       0.15122    77.71   204.69     0.00    1-HR  ALL
      8TH                     0.15762  17063020        0.15907  18100918
0.16662  19040619        0.15310  20031718        0.11967  21010117
  437674.64000 3710902.01000       0.17630    81.94    95.79     0.00    1-HR  ALL
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0.19946  19051622        0.18930  20022318        0.15317  21021107
  437665.07000 3710947.67000       0.19184    87.03    94.05     0.00    1-HR  ALL
      8TH                     0.19830  17032220        0.19826  18071320
0.20165  19030721        0.19572  20070220        0.16528  21100818
  437660.29000 3710970.49000       0.19424    90.30    90.30     0.00    1-HR  ALL
      8TH                     0.19728  17081019        0.19804  18051920
0.20380  19092624        0.19393  20032119        0.17814  21100818
  437655.50000 3710993.32000       0.18633    92.11    92.11     0.00    1-HR  ALL
      8TH                     0.19002  17032021        0.18788  18071320
0.19418  19020522        0.18679  20010917        0.17281  21030618
  437633.36000 3711031.73000       0.18084    94.27    94.27     0.00    1-HR  ALL
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0.18459  19072520        0.17807  20042019        0.17192  21100818
  437616.01000 3711047.31000       0.18070    94.92    94.92     0.00    1-HR  ALL
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0.18329  19041620        0.17818  20032301        0.17190  21030618
  437598.66000 3711062.89000       0.18258    95.83    95.83     0.00    1-HR  ALL
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0.18503  19071922        0.18257  20110701        0.17525  21051419
  437581.31000 3711078.47000       0.18426    96.56    96.56     0.00    1-HR  ALL
      8TH                     0.18731  17112519        0.18351  18062422
0.18538  19050522        0.18481  20041724        0.18027  21012218
  437563.96000 3711094.06000       0.18620    96.89    96.89     0.00    1-HR  ALL
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0.18812  19050522        0.18700  20032301        0.18443  21100518
  437546.60000 3711109.64000       0.18762    95.67    95.67     0.00    1-HR  ALL
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0.19219  19020818        0.18890  20042624        0.18792  21072521
  437529.25000 3711125.22000       0.19005    92.98    96.63     0.00    1-HR  ALL
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0.19035  19051821        0.18996  20041724        0.19184  21051719
  437511.90000 3711140.81000       0.18155    86.74   180.70     0.00    1-HR  ALL
      8TH                     0.18198  17031922        0.18347  18052019
0.17978  19081120        0.18039  20040220        0.18211  21012218
  437494.55000 3711156.39000       0.15849    81.24   185.33     0.00    1-HR  ALL
      8TH                     0.16071  17102006        0.15688  18011921
0.15895  19011717        0.15769  20031621        0.15820  21051522
  437477.20000 3711171.97000       0.13662    77.18   186.89     0.00    1-HR  ALL
      8TH                     0.13624  17022618        0.13465  18052403
0.13557  19022019        0.13684  20080722        0.13981  21092124
  437459.84000 3711187.55000       0.10648    72.33   205.14     0.00    1-HR  ALL
      8TH                     0.08706  17010822        0.09094  18010907
0.11490  19071304        0.11757  20102020        0.12192  21071324
  437708.14000 3710742.23000       0.03935    69.51   205.14     0.00    1-HR  ALL
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0.04431  19090518        0.03878  20032807        0.03680  21062106
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  437705.41000 3710717.43000       0.03924    69.49   205.14     0.00    1-HR  ALL
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  437702.69000 3710692.62000       0.04149    69.98   205.14     0.00    1-HR  ALL
      8TH                     0.04119  17040820        0.04371  18050919
0.04315  19012101        0.04041  20030118        0.03898  21010117
  437699.96000 3710667.81000       0.05012    70.56   205.14     0.00    1-HR  ALL
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0.05769  19030918        0.04989  20032918        0.04240  21070806
  437697.23000 3710643.01000       0.04909    70.52   205.14     0.00    1-HR  ALL
      8TH                     0.04451  17012417        0.05151  18031405
0.05637  19051919        0.04886  20083018        0.04421  21010117
  437694.50000 3710618.20000       0.04054    69.66   211.60     0.00    1-HR  ALL
      8TH                     0.03996  17051306        0.03979  18033107
0.04238  19072206        0.04108  20121108        0.03950  21062106
  437691.77000 3710593.39000       0.04086    68.37   211.60     0.00    1-HR  ALL
      8TH                     0.04032  17051306        0.04046  18122508
0.04192  19012908        0.04144  20121108        0.04017  21121608
  437752.93000 3710760.18000       0.03517    69.36   205.14     0.00    1-HR  ALL
      8TH                     0.03571  17070706        0.03325  18033107
0.03910  19123016        0.03480  20032807        0.03301  21062106
  437748.03000 3710783.59000       0.03524    69.65   205.14     0.00    1-HR  ALL
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0.03953  19051921        0.03474  20032807        0.03296  21062106
  437743.12000 3710807.00000       0.04077    70.11   205.14     0.00    1-HR  ALL
      8TH                     0.04117  17092618        0.04051  18022318
0.04728  19021521        0.03915  20110817        0.03576  21011517
  437738.21000 3710830.41000       0.04522    70.39   205.14     0.00    1-HR  ALL
      8TH                     0.04596  17092618        0.04587  18060620
0.05400  19051921        0.04227  20061920        0.03798  21121418
  437733.30000 3710853.82000       0.04758    70.52   205.14     0.00    1-HR  ALL
      8TH                     0.04832  17032220        0.04758  18050819
0.05714  19021521        0.04507  20031718        0.03981  21121418
  437728.39000 3710877.23000       0.04834    70.65   205.14     0.00    1-HR  ALL
      8TH                     0.05017  17032220        0.04809  18081019
0.05652  19021521        0.04600  20062020        0.04093  21121418
  437723.49000 3710900.65000       0.05865    71.45   205.14     0.00    1-HR  ALL
      8TH                     0.06505  17032220        0.06187  18050819
0.06526  19040619        0.05537  20031818        0.04570  21030818
  437718.58000 3710924.06000       0.09944    73.19   180.70     0.00    1-HR  ALL
      8TH                     0.11224  17012517        0.10959  18050819
0.10842  19091019        0.09547  20032718        0.07149  21030818
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0.14903  19030818        0.13866  20070220        0.10505  21092518
  437708.76000 3710970.88000       0.17541    84.85    99.30     0.00    1-HR  ALL
      8TH                     0.18298  17100320        0.18246  18071320
0.18774  19091919        0.17901  20070220        0.14488  21042519
  437703.85000 3710994.29000       0.18456    91.95    95.79     0.00    1-HR  ALL
      8TH                     0.18674  17081019        0.18785  18011920
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0.19284  19020522        0.18390  20102319        0.17145  21111717
  437698.94000 3711017.70000       0.17726    94.89    94.89     0.00    1-HR  ALL
      8TH                     0.18001  17060923        0.18100  18071324
0.18438  19022218        0.17772  20010917        0.16320  21030618
  437676.24000 3711057.09000       0.17170    95.82    95.82     0.00    1-HR  ALL
      8TH                     0.17525  17060704        0.17583  18032124
0.17623  19090519        0.16961  20031719        0.16158  21062622
  437658.44000 3711073.08000       0.17146    96.21    96.21     0.00    1-HR  ALL
      8TH                     0.17826  17100319        0.17262  18091022
0.17509  19092219        0.16880  20060521        0.16256  21081919
  437640.65000 3711089.06000       0.17314    96.81    96.81     0.00    1-HR  ALL
      8TH                     0.17678  17032020        0.17447  18062705
0.17616  19122917        0.17284  20042624        0.16545  21051419
  437622.85000 3711105.04000       0.17465    97.31    97.31     0.00    1-HR  ALL
      8TH                     0.17901  17112519        0.17400  18043023
0.17565  19100318        0.17566  20102318        0.16893  21012218
  437605.05000 3711121.02000       0.17677    97.74    97.74     0.00    1-HR  ALL
      8TH                     0.17978  17060802        0.17233  18040919
0.17820  19040421        0.17904  20032301        0.17451  21012218
  437587.25000 3711137.01000       0.17732    94.36    97.75     0.00    1-HR  ALL
      8TH                     0.17811  17060802        0.17276  18062705
0.17919  19073021        0.17969  20040220        0.17686  21123118
  437569.46000 3711152.99000       0.17225    88.62    98.22     0.00    1-HR  ALL
      8TH                     0.17079  17031319        0.17439  18040919
0.16990  19073021        0.17160  20032302        0.17457  21032406
  437551.66000 3711168.97000       0.15539    83.31   175.59     0.00    1-HR  ALL
      8TH                     0.15837  17031319        0.15595  18110923
0.15308  19122917        0.15295  20041803        0.15659  21090119
  437533.86000 3711184.95000       0.14132    80.08   180.70     0.00    1-HR  ALL
      8TH                     0.14356  17010218        0.14244  18010918
0.14180  19051321        0.13824  20112517        0.14052  21050720
  437516.07000 3711200.93000       0.13797    79.42   181.53     0.00    1-HR  ALL
      8TH                     0.13912  17010919        0.13756  18092319
0.13962  19050920        0.13461  20032302        0.13896  21050720
  437498.27000 3711216.92000       0.13671    78.76   185.33     0.00    1-HR  ALL
      8TH                     0.13724  17090419        0.13527  18102705
0.13728  19050920        0.13652  20051722        0.13725  21081405
  437480.47000 3711232.90000       0.11598    74.57   186.78     0.00    1-HR  ALL
      8TH                     0.10856  17051019        0.11264  18022624
0.11848  19071304        0.11746  20102020        0.12275  21071324
  437757.84000 3710736.77000       0.03459    68.88   205.14     0.00    1-HR  ALL
      8TH                     0.03571  17070706        0.03337  18080106
0.03617  19090518        0.03469  20061106        0.03302  21062106
  437755.11000 3710711.96000       0.03465    68.44   205.14     0.00    1-HR  ALL
      8TH                     0.03480  17051106        0.03405  18122508
0.03598  19072206        0.03488  20121108        0.03354  21062106
  437752.39000 3710687.15000       0.03514    68.20   205.14     0.00    1-HR  ALL
      8TH                     0.03530  17051106        0.03453  18122508
0.03649  19072206        0.03537  20121108        0.03402  21062106
  437749.66000 3710662.35000       0.03547    68.13   205.14     0.00    1-HR  ALL
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      8TH                     0.03519  17050621        0.03497  18122508
0.03695  19072206        0.03582  20121108        0.03445  21062106
  437746.93000 3710637.54000       0.03565    67.86   205.14     0.00    1-HR  ALL
      8TH                     0.03522  17051306        0.03535  18122508
0.03663  19012908        0.03621  20121108        0.03483  21062106
  437744.20000 3710612.73000       0.03601    67.44   210.88     0.00    1-HR  ALL
      8TH                     0.03555  17051306        0.03567  18122508
0.03696  19012908        0.03654  20121108        0.03531  21122408
  437741.47000 3710587.93000       0.03624    66.92   211.60     0.00    1-HR  ALL
      8TH                     0.03581  17051306        0.03565  18033107
0.03723  19012908        0.03681  20121108        0.03568  21121608
  437852.14000 3710750.18000       0.02824    68.63   204.69     0.00    1-HR  ALL
      8TH                     0.02929  17070706        0.02728  18033107
0.02906  19072206        0.02846  20061106        0.02709  21062106
  437847.03000 3710774.53000       0.02851    68.77   204.69     0.00    1-HR  ALL
      8TH                     0.02930  17070706        0.02743  18042818
0.03025  19090518        0.02847  20061106        0.02710  21062106
  437841.93000 3710798.88000       0.02877    69.04   198.31     0.00    1-HR  ALL
      8TH                     0.02936  17032518        0.02733  18080106
0.03155  19051921        0.02853  20032807        0.02707  21062106
  437836.83000 3710823.23000       0.02914    69.40   198.31     0.00    1-HR  ALL
      8TH                     0.02930  17071906        0.02741  18122508
0.03352  19051921        0.02846  20032807        0.02700  21062106
  437831.72000 3710847.57000       0.02946    69.61   198.31     0.00    1-HR  ALL
      8TH                     0.02919  17071906        0.02730  18122508
0.03535  19051921        0.02835  20032807        0.02711  21121608
  437826.62000 3710871.92000       0.03594    70.28   185.02     0.00    1-HR  ALL
      8TH                     0.03643  17092618        0.03638  18060620
0.04262  19021521        0.03366  20061920        0.03059  21121418
  437821.51000 3710896.27000       0.04027    70.65   185.02     0.00    1-HR  ALL
      8TH                     0.04125  17032220        0.03991  18030318
0.04829  19021521        0.03807  20062319        0.03386  21121418
  437816.41000 3710920.62000       0.04420    70.89   183.78     0.00    1-HR  ALL
      8TH                     0.04672  17032220        0.04503  18081019
0.05073  19040618        0.04215  20012517        0.03635  21030818
  437811.30000 3710944.96000       0.04349    71.07   149.68     0.00    1-HR  ALL
      8TH                     0.04822  17032220        0.04599  18081019
0.04834  19040619        0.04129  20031818        0.03359  21030818
  437806.20000 3710969.31000       0.04950    71.52   149.68     0.00    1-HR  ALL
      8TH                     0.05685  17032220        0.05306  18050819
0.05503  19021521        0.04662  20102319        0.03596  21091618
  437801.09000 3710993.66000       0.04811    71.56   148.59     0.00    1-HR  ALL
      8TH                     0.05608  17032220        0.05194  18050819
0.05233  19091019        0.04473  20061319        0.03548  21042719
  437795.99000 3711018.01000       0.06123    72.17   136.36     0.00    1-HR  ALL
      8TH                     0.07232  17032220        0.06569  18050819
0.06621  19020918        0.05571  20102319        0.04620  21032405
  437790.88000 3711042.35000       0.09522    74.71   102.67     0.00    1-HR  ALL
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0.10681  19090119        0.09091  20031818        0.07261  21032405
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  437785.78000 3711066.70000       0.12895    80.47   102.22     0.00    1-HR  ALL
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0.14122  19051620        0.12450  20022318        0.11189  21092518
  437762.17000 3711107.67000       0.15618    97.24    99.72     0.00    1-HR  ALL
      8TH                     0.15995  17060704        0.15873  18032124
0.16049  19030721        0.15321  20021618        0.14853  21062622
  437743.66000 3711124.29000       0.15529    99.76    99.76     0.00    1-HR  ALL
      8TH                     0.15985  17112519        0.15736  18040504
0.15970  19062520        0.15206  20061220        0.14750  21052121
  437725.15000 3711140.91000       0.15660    99.16    99.16     0.00    1-HR  ALL
      8TH                     0.16128  17091119        0.15768  18043023
0.15951  19041620        0.15459  20060521        0.14993  21032407
  437706.64000 3711157.53000       0.15775    96.46    99.08     0.00    1-HR  ALL
      8TH                     0.16153  17012319        0.15647  18050719
0.16053  19100318        0.15843  20110701        0.15179  21021318
  437688.13000 3711174.16000       0.15474    91.28   100.71     0.00    1-HR  ALL
      8TH                     0.15635  17022721        0.15541  18062705
0.15879  19051821        0.15422  20101718        0.14893  21032407
  437669.62000 3711190.78000       0.14424    86.38   101.59     0.00    1-HR  ALL
      8TH                     0.14422  17090321        0.14342  18030518
0.14947  19021420        0.14222  20040219        0.14185  21051419
  437651.11000 3711207.40000       0.14126    85.02   101.59     0.00    1-HR  ALL
      8TH                     0.14244  17010517        0.14010  18101219
0.14458  19022818        0.14031  20040219        0.13888  21032406
  437632.60000 3711224.02000       0.14066    84.44   101.06     0.00    1-HR  ALL
      8TH                     0.14241  17010517        0.14186  18110923
0.13990  19120917        0.13701  20042624        0.14213  21123118
  437614.10000 3711240.64000       0.14348    84.86   100.44     0.00    1-HR  ALL
      8TH                     0.14501  17052220        0.14531  18092319
0.14126  19122917        0.14222  20041803        0.14360  21122720
  437595.59000 3711257.26000       0.14292    84.45   100.44     0.00    1-HR  ALL
      8TH                     0.14699  17010218        0.14267  18110923
0.14198  19051321        0.13986  20101718        0.14311  21051219
  437577.08000 3711273.89000       0.13037    81.60   175.59     0.00    1-HR  ALL
      8TH                     0.13172  17031319        0.12917  18122617
0.13012  19092618        0.12846  20051722        0.13238  21051219
  437558.57000 3711290.51000       0.12464    80.03   175.59     0.00    1-HR  ALL
      8TH                     0.12556  17040619        0.12360  18041202
0.12358  19092618        0.12425  20050801        0.12623  21081203
  437540.06000 3711307.13000       0.12097    78.92   175.59     0.00    1-HR  ALL
      8TH                     0.11995  17090419        0.11921  18041202
0.12449  19010317        0.12102  20051920        0.12017  21122719
  437521.55000 3711323.75000       0.12249    78.54   175.59     0.00    1-HR  ALL
      8TH                     0.11894  17040622        0.11815  18122617
0.12697  19021520        0.12322  20122718        0.12518  21021920
  437857.24000 3710725.84000       0.02790    68.31   205.14     0.00    1-HR  ALL
      8TH                     0.02806  17051106        0.02726  18121016
0.02901  19072206        0.02812  20121108        0.02705  21062106
  437854.52000 3710701.03000       0.02828    68.09   205.14     0.00    1-HR  ALL
      8TH                     0.02841  17051106        0.02779  18122508
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0.02937  19072206        0.02847  20121108        0.02738  21062106
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      8TH                     0.02813  17032107        0.02810  18122508
0.02969  19021718        0.02878  20121108        0.02769  21062106
  437849.06000 3710651.42000       0.02862    67.70   205.14     0.00    1-HR  ALL
      8TH                     0.02827  17051306        0.02838  18122508
0.02940  19012908        0.02907  20121108        0.02796  21062106
  437846.33000 3710626.61000       0.02886    67.32   205.14     0.00    1-HR  ALL
      8TH                     0.02851  17051306        0.02862  18122508
0.02965  19012908        0.02931  20121108        0.02820  21062106
  437843.60000 3710601.80000       0.02905    67.31   205.14     0.00    1-HR  ALL
      8TH                     0.02871  17051306        0.02859  18033107
0.02986  19012908        0.02946  20052106        0.02861  21121608
  437840.87000 3710577.00000       0.02915    67.00   205.14     0.00    1-HR  ALL
      8TH                     0.02888  17051306        0.02875  18033107
0.02972  19061006        0.02962  20052106        0.02877  21121608
  437951.68000 3710738.57000       0.02337    68.44   208.62     0.00    1-HR  ALL
      8TH                     0.02350  17051106        0.02281  18033107
0.02430  19072206        0.02355  20121108        0.02266  21062106
  437946.72000 3710762.25000       0.02355    68.60   208.62     0.00    1-HR  ALL
      8TH                     0.02402  17032518        0.02285  18033107
0.02434  19072206        0.02383  20061106        0.02269  21062106
  437941.76000 3710785.92000       0.02370    68.98   207.17     0.00    1-HR  ALL
      8TH                     0.02464  17071906        0.02286  18033107
0.02436  19072206        0.02393  20032807        0.02270  21062106
  437936.79000 3710809.59000       0.02389    69.07   207.17     0.00    1-HR  ALL
      8TH                     0.02463  17071906        0.02286  18033107
0.02535  19090518        0.02392  20032807        0.02270  21062106
  437931.83000 3710833.26000       0.02420    69.15   207.03     0.00    1-HR  ALL
      8TH                     0.02459  17071906        0.02282  18033107
0.02706  19051921        0.02389  20032807        0.02266  21062106
  437926.87000 3710856.93000       0.02448    69.49   204.67     0.00    1-HR  ALL
      8TH                     0.02453  17071906        0.02276  18033107
0.02868  19051921        0.02382  20032807        0.02260  21062106
  437921.91000 3710880.60000       0.02750    70.05   198.31     0.00    1-HR  ALL
      8TH                     0.02788  17092618        0.02704  18050819
0.03185  19021521        0.02664  20083018        0.02406  21121418
  437916.94000 3710904.27000       0.02913    70.22   198.31     0.00    1-HR  ALL
      8TH                     0.02956  17092618        0.02919  18123121
0.03422  19021521        0.02743  20061920        0.02522  21121418
  437911.98000 3710927.94000       0.03226    70.39   198.31     0.00    1-HR  ALL
      8TH                     0.03303  17032220        0.03194  18030318
0.03848  19021521        0.03074  20062319        0.02711  21121418
  437907.02000 3710951.61000       0.03436    70.64   198.31     0.00    1-HR  ALL
      8TH                     0.03588  17032220        0.03447  18081019
0.04048  19021521        0.03264  20080719        0.02832  21030818
  437902.05000 3710975.29000       0.03673    70.95   198.31     0.00    1-HR  ALL
      8TH                     0.04069  17032220        0.03903  18081019
0.04075  19040619        0.03489  20032718        0.02829  21101617
  437897.09000 3710998.96000       0.03850    71.27   198.31     0.00    1-HR  ALL
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      8TH                     0.04395  17032220        0.04147  18050819
0.04276  19030818        0.03684  20102319        0.02749  21091618
  437892.13000 3711022.63000       0.04415    71.74   189.82     0.00    1-HR  ALL
      8TH                     0.05148  17032220        0.04766  18050819
0.04783  19091019        0.04151  20061319        0.03228  21042719
  437887.17000 3711046.30000       0.04667    71.90   187.89     0.00    1-HR  ALL
      8TH                     0.05514  17032220        0.05052  18050819
0.05102  19091019        0.04324  20061319        0.03346  21032405
  437882.20000 3711069.97000       0.05018    72.11   173.48     0.00    1-HR  ALL
      8TH                     0.05934  17032220        0.05373  18060620
0.05471  19020918        0.04539  20051419        0.03774  21032405
  437877.24000 3711093.64000       0.06425    72.77   149.68     0.00    1-HR  ALL
      8TH                     0.07478  17063020        0.06701  18022218
0.07048  19091019        0.05830  20022218        0.05070  21073019
  437872.28000 3711117.31000       0.07835    74.32   149.68     0.00    1-HR  ALL
      8TH                     0.08561  17011917        0.08150  18022222
0.08625  19090119        0.07440  20083019        0.06400  21032405
  437849.32000 3711157.14000       0.12292    84.98   102.67     0.00    1-HR  ALL
      8TH                     0.12461  17122017        0.12594  18042820
0.12980  19090119        0.12238  20051919        0.11186  21030918
  437831.33000 3711173.30000       0.13951    94.62   101.69     0.00    1-HR  ALL
      8TH                     0.14429  17022319        0.14360  18032124
0.14278  19100318        0.13855  20112417        0.12833  21100818
  437813.33000 3711189.46000       0.14268   100.18   100.18     0.00    1-HR  ALL
      8TH                     0.14863  17100319        0.14275  18043023
0.14673  19082820        0.14098  20032301        0.13432  21072521
  437795.34000 3711205.62000       0.14305   101.07   101.07     0.00    1-HR  ALL
      8TH                     0.14666  17032020        0.14474  18040619
0.14507  19062504        0.14188  20060521        0.13692  21052121
  437777.34000 3711221.78000       0.14489   100.72   100.72     0.00    1-HR  ALL
      8TH                     0.14766  17012319        0.14489  18043023
0.14612  19050522        0.14635  20102318        0.13943  21072321
  437759.35000 3711237.94000       0.14566    98.17   100.93     0.00    1-HR  ALL
      8TH                     0.14848  17060802        0.14438  18122917
0.14734  19062504        0.14403  20072320        0.14406  21072321
  437741.35000 3711254.10000       0.14526    95.57   101.06     0.00    1-HR  ALL
      8TH                     0.14792  17060802        0.14102  18062422
0.14785  19041924        0.14720  20072320        0.14230  21031419
  437723.36000 3711270.26000       0.14687    97.09    98.44     0.00    1-HR  ALL
      8TH                     0.14687  17012118        0.14202  18062104
0.15004  19073021        0.14941  20102520        0.14598  21092521
  437705.36000 3711286.42000       0.14839    98.69    98.69     0.00    1-HR  ALL
      8TH                     0.14738  17082502        0.14392  18071605
0.15148  19020818        0.14931  20110701        0.14985  21051719
  437687.37000 3711302.58000       0.15003    98.09    98.09     0.00    1-HR  ALL
      8TH                     0.15060  17031319        0.14853  18011921
0.14849  19081723        0.15037  20081322        0.15217  21031419
  437669.37000 3711318.74000       0.15167    97.44    97.44     0.00    1-HR  ALL
      8TH                     0.15206  17081921        0.15054  18071805
0.14928  19022819        0.15180  20102520        0.15469  21072620
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  437651.38000 3711334.90000       0.15264    97.21    97.21     0.00    1-HR  ALL
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0.14821  19072504        0.15342  20072323        0.15601  21052822
  437633.38000 3711351.06000       0.15379    96.44    96.44     0.00    1-HR  ALL
      8TH                     0.15244  17061124        0.15194  18121718
0.15149  19081120        0.15452  20072223        0.15855  21031019
  437615.39000 3711367.22000       0.15126    94.65    99.59     0.00    1-HR  ALL
      8TH                     0.15001  17031319        0.15061  18070105
0.15228  19062601        0.15271  20011619        0.15071  21022818
  437597.39000 3711383.38000       0.14802    92.06    99.91     0.00    1-HR  ALL
      8TH                     0.14534  17021106        0.15181  18022621
0.14795  19072504        0.14773  20061320        0.14727  21040603
  437579.40000 3711399.54000       0.14139    89.10   175.59     0.00    1-HR  ALL
      8TH                     0.14186  17021105        0.14243  18071903
0.14270  19071120        0.14009  20051920        0.13986  21020918
  437561.40000 3711415.70000       0.14129    88.07   175.59     0.00    1-HR  ALL
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0.13943  19112317        0.14193  20051324        0.14146  21122817
  437956.64000 3710714.90000       0.02334    68.33   208.62     0.00    1-HR  ALL
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0.02421  19012908        0.02393  20121108        0.02302  21062106
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0.02457  19012908        0.02423  20052106        0.02336  21062106
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0.02439  19052406        0.02422  20072006        0.02377  21121608
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  438040.73000 3710777.01000       0.02016    69.25   208.62     0.00    1-HR  ALL
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0.03934  19040619        0.03564  20061920        0.02872  21101617
  437994.79000 3710996.14000       0.03226    71.17   198.31     0.00    1-HR  ALL
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0.04280  19091019        0.03660  20061319        0.02737  21042719
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0.04423  19021718        0.03738  20061319        0.02882  21073019
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0.04996  19020918        0.04158  20051219        0.03393  21032405
  437964.16000 3711142.23000       0.04438    72.22   198.31     0.00    1-HR  ALL
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0.04838  19021418        0.04023  20031818        0.03521  21091618
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0.07207  19021918        0.06416  20100818        0.05563  21111717
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0.11596  19092219        0.11258  20100818        0.10923  21010317
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0.13126  19071922        0.12712  20011017        0.11966  21030618
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0.13392  19022818        0.13283  20042624        0.12882  21010317
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0.13492  19021420        0.13473  20102419        0.12906  21052721
  437824.39000 3711307.27000       0.13460   102.10   102.10     0.00    1-HR  ALL
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0.13547  19092219        0.13549  20032424        0.13286  21052721
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0.13985  19081723        0.13799  20092705        0.13606  21012218
  437768.87000 3711357.14000       0.13702   101.38   101.38     0.00    1-HR  ALL
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0.13872  19051821        0.13699  20063021        0.13905  21032521
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0.13694  19081603        0.14226  20081322        0.14357  21052822
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  438135.47000 3710788.31000       0.01745    69.66   208.62     0.00    1-HR  ALL
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0.01758  19012908        0.01762  20032807        0.01672  21062106
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0.06000  19091019        0.05463  20062319        0.03505  21091618
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0.05886  19091019        0.05250  20102319        0.03537  21091618
  438243.95000 3711197.25000       0.05735    74.79   208.62     0.00    1-HR  ALL
      8TH                     0.06542  17050621        0.06492  18081019
0.06355  19090119        0.05599  20070220        0.03689  21042719
  438238.94000 3711221.17000       0.06118    75.68   208.62     0.00    1-HR  ALL
      8TH                     0.06723  17020519        0.06684  18060620
0.06977  19090119        0.06176  20031818        0.04031  21061803
  438233.93000 3711245.08000       0.05926    75.45   208.62     0.00    1-HR  ALL
      8TH                     0.06574  17030518        0.06354  18022222
0.06797  19090119        0.05841  20031818        0.04062  21030618
  438228.91000 3711268.99000       0.04958    73.86   208.62     0.00    1-HR  ALL
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0.05581  19090119        0.04716  20102319        0.03550  21073019
  438223.90000 3711292.90000       0.04321    73.16   208.62     0.00    1-HR  ALL
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0.04798  19021418        0.03964  20080621        0.03313  21073019
  438218.89000 3711316.82000       0.04852    73.96   198.31     0.00    1-HR  ALL
      8TH                     0.05559  17063020        0.05017  18022222
0.05364  19091019        0.04528  20083019        0.03792  21073019
  438195.69000 3711357.05000       0.05820    76.77   198.31     0.00    1-HR  ALL
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0.06387  19021418        0.05699  20032819        0.04941  21032405
  438177.52000 3711373.38000       0.06771    80.11   196.95     0.00    1-HR  ALL
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0.07315  19090119        0.06869  20051919        0.05978  21121418
  438159.34000 3711389.70000       0.08374    86.01   196.95     0.00    1-HR  ALL
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0.08584  19072320        0.08396  20092518        0.07587  21091618
  438141.16000 3711406.03000       0.09161    89.63   189.82     0.00    1-HR  ALL
      8TH                     0.09563  17111718        0.09421  18043023
0.09452  19051719        0.09055  20060521        0.08315  21021318
  438122.98000 3711422.35000       0.09402    90.51    91.55     0.00    1-HR  ALL
      8TH                     0.09803  17030218        0.09598  18091022
0.09730  19020519        0.09346  20112417        0.08536  21082019
  438104.80000 3711438.68000       0.09738    92.36    92.36     0.00    1-HR  ALL
      8TH                     0.10171  17091119        0.09865  18032124
0.09924  19081602        0.09815  20062520        0.08913  21091719
  438086.62000 3711455.00000       0.09973    93.87    93.87     0.00    1-HR  ALL
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0.10055  19050702        0.10087  20060521        0.09426  21032407
  438068.45000 3711471.33000       0.10258    95.87    95.87     0.00    1-HR  ALL
      8TH                     0.10518  17070723        0.10063  18032124
0.10490  19112617        0.10312  20110623        0.09909  21070223
  438050.27000 3711487.65000       0.10432    97.56    97.56     0.00    1-HR  ALL
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0.10943  19060504        0.10715  20092705        0.10620  21070223
  437995.73000 3711536.63000       0.10703   100.76   100.76     0.00    1-HR  ALL
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0.11129  19073021        0.10998  20040220        0.10721  21072521
  437977.55000 3711552.95000       0.10850   101.20   101.20     0.00    1-HR  ALL
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0.11149  19081723        0.10859  20080720        0.11015  21041420
  437959.38000 3711569.28000       0.10943   100.48   100.48     0.00    1-HR  ALL
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0.10883  19020818        0.10968  20011619        0.11179  21032406
  437941.20000 3711585.60000       0.10912    99.42    99.42     0.00    1-HR  ALL
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0.10709  19122917        0.10907  20060520        0.11079  21031419
  437923.02000 3711601.93000       0.10957    99.20    99.20     0.00    1-HR  ALL
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0.10636  19051623        0.10952  20101718        0.11256  21072620
  437904.84000 3711618.25000       0.11082    98.86    98.86     0.00    1-HR  ALL
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0.10673  19112823        0.11122  20081621        0.11312  21032406
  437886.66000 3711634.58000       0.11081    98.58    98.58     0.00    1-HR  ALL
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0.10869  19062522        0.11156  20061320        0.11374  21092522
  437868.48000 3711650.90000       0.11079    98.34    98.34     0.00    1-HR  ALL
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0.11055  19062601        0.11230  20090819        0.11214  21042501
  437850.31000 3711667.23000       0.11058    98.17    98.17     0.00    1-HR  ALL
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0.11120  19010203        0.11171  20072223        0.11121  21042501
  437832.13000 3711683.55000       0.11048    97.96    97.96     0.00    1-HR  ALL
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0.11100  19010203        0.11210  20031318        0.10883  21031019
  437813.95000 3711699.88000       0.11023    97.68    97.68     0.00    1-HR  ALL
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0.11030  19073106        0.11181  20031221        0.10678  21052822
  437795.77000 3711716.20000       0.10864    97.42    97.42     0.00    1-HR  ALL
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0.11009  19071120        0.10873  20031221        0.10418  21070106
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0.09366  19051919        0.09546  20032918        0.10363  21092420
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0.09314  19062623        0.08828  20012607        0.09474  21011517
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0.09242  19071920        0.08725  20032423        0.09013  21100424
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0.02458  19040518        0.02260  20061920        0.01757  21121418
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0.08398  19022101        0.08182  20100818        0.07235  21051419
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0.09350  19010217        0.09233  20042624        0.08429  21032407
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0.09898  19092219        0.09571  20032301        0.09340  21091719
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0.10276  19062601        0.10422  20072422        0.10459  21042501
  437911.83000 3711739.72000       0.10300    98.40   106.67     0.00    1-HR  ALL
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0.10370  19010203        0.10419  20072223        0.10368  21042501
  437893.32000 3711756.34000       0.10264    98.15   106.67     0.00    1-HR  ALL
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0.10370  19062522        0.10394  20052621        0.10177  21031019
  437874.81000 3711772.96000       0.10248    97.89   105.09     0.00    1-HR  ALL
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0.10276  19073106        0.10432  20031221        0.10013  21052822
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      8TH                     0.10121  17061123        0.10424  18040424
0.10172  19062505        0.10179  20031221        0.09636  21070106
  437837.79000 3711806.21000       0.10059    97.34    97.34     0.00    1-HR  ALL
      8TH                     0.10107  17052320        0.10127  18030304
0.10138  19061820        0.10156  20092519        0.09769  21021418
  437819.28000 3711822.83000       0.10031    96.92    96.92     0.00    1-HR  ALL
      8TH                     0.10328  17021024        0.09889  18071923
0.10047  19050721        0.10025  20032019        0.09868  21072301
  437800.77000 3711839.45000       0.10008    96.66    96.66     0.00    1-HR  ALL
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0.10004  19112317        0.10064  20061221        0.09823  21071322
  437782.26000 3711856.07000       0.10098    96.62    96.62     0.00    1-HR  ALL
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0.10093  19071422        0.10033  20062504        0.10187  21051406
  437763.75000 3711872.69000       0.10025    96.59    96.59     0.00    1-HR  ALL
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0.09976  19082622        0.10164  20051324        0.10069  21092124
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0.09317  19022104        0.09785  20051119        0.10342  21021818
  438448.19000 3710610.63000       0.09740   101.86   208.62     0.00    1-HR  ALL
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0.09635  19021719        0.09946  20102518        0.09954  21031719
  438445.46000 3710585.82000       0.09827   104.36   208.62     0.00    1-HR  ALL
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0.09224  19081302        0.10086  20062022        0.09404  21071619
  438440.01000 3710536.21000       0.09907   111.37   208.62     0.00    1-HR  ALL
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0.09752  19020618        0.10239  20062303        0.09412  21092620
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0.08979  19011720        0.09234  20042419        0.10072  21092420
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0.08952  19071920        0.08402  20101918        0.08722  21031421
  438522.88000 3710793.18000       0.08128   135.09   198.31     0.00    1-HR  ALL
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  438517.86000 3710817.16000       0.07958   139.80   149.68     0.00    1-HR  ALL
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0.09342  19062322        0.08960  20052619        0.08251  21042719
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0.09843  19080420        0.09437  20052619        0.09104  21100424
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0.09558  19051323        0.09301  20052619        0.07861  21031520
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0.07794  19030318        0.06960  20061920        0.06134  21111717
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0.03716  19022102        0.03601  20032718        0.02348  21042619
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0.06591  19040619        0.06075  20030118        0.03537  21091618
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0.06823  19051923        0.06186  20083019        0.03851  21091618
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0.05711  19040419        0.05110  20083019        0.03470  21092518
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0.08185  19121517        0.08224  20042419        0.09018  21092420
  438637.13000 3710711.42000       0.08785   115.51   208.62     0.00    1-HR  ALL
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0.08682  19062623        0.08344  20032418        0.09559  21090924
  438632.03000 3710735.77000       0.08779   112.63   208.62     0.00    1-HR  ALL
      8TH                     0.08963  17010920        0.08716  18061320
0.08772  19032018        0.08277  20030220        0.09169  21011517
  438626.93000 3710760.11000       0.08847   113.10   208.62     0.00    1-HR  ALL
      8TH                     0.08796  17010920        0.09240  18061320
0.08945  19030918        0.07913  20101918        0.09338  21031421
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      8TH                     0.07944  17012317        0.08704  18041206
0.08432  19021618        0.07519  20030720        0.07661  21121422
  438611.61000 3710833.16000       0.07605   137.61   198.31     0.00    1-HR  ALL
      8TH                     0.07564  17053004        0.08380  18022306
0.07983  19043006        0.07250  20020818        0.06849  21010117
  438606.51000 3710857.50000       0.07442   144.65   149.68     0.00    1-HR  ALL
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0.07841  19051619        0.07214  20062023        0.06437  21121422
  438601.40000 3710881.85000       0.07589   144.27   149.68     0.00    1-HR  ALL
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0.07885  19012101        0.07732  20032619        0.06578  21030818
  438596.30000 3710906.20000       0.08010   135.48   198.31     0.00    1-HR  ALL
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  438591.19000 3710930.55000       0.08733   123.51   208.62     0.00    1-HR  ALL
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  438586.09000 3710954.89000       0.09325   110.36   208.62     0.00    1-HR  ALL
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0.09256  19120817        0.08968  20051020        0.08274  21030818
  438580.99000 3710979.24000       0.09175    98.52   208.62     0.00    1-HR  ALL
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0.09192  19062619        0.09044  20052320        0.07953  21100424
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0.05783  19070419        0.05291  20042921        0.04310  21121418
  438550.36000 3711125.33000       0.04910    76.72   208.62     0.00    1-HR  ALL
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0.05384  19072919        0.04784  20102319        0.04077  21022518
  438545.25000 3711149.67000       0.04161    74.79   208.62     0.00    1-HR  ALL
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0.04564  19070419        0.04152  20031818        0.02993  21061803
  438540.15000 3711174.02000       0.03491    73.24   208.62     0.00    1-HR  ALL
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0.03846  19051622        0.03607  20031718        0.02168  21010117
  438535.04000 3711198.37000       0.02797    72.47   208.62     0.00    1-HR  ALL
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0.04596  19051622        0.04204  20031818        0.02513  21061803
  438524.84000 3711247.06000       0.05260    77.64   208.62     0.00    1-HR  ALL
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0.06012  19051920        0.05511  20031718        0.03236  21091618
  438519.73000 3711271.41000       0.05736    78.84   208.62     0.00    1-HR  ALL
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0.06502  19051923        0.05943  20083019        0.03733  21021107
  438514.63000 3711295.76000       0.05717    78.76   208.62     0.00    1-HR  ALL
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  438499.31000 3711368.80000       0.05786    78.64   208.62     0.00    1-HR  ALL
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0.06460  19030818        0.05907  20070220        0.04078  21092518
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0.06199  19091620        0.05141  20010917        0.04649  21030618
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0.05241  19091919        0.04990  20092418        0.04580  21022518
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  438288.70000 3711656.75000       0.08293    96.21   106.07     0.00    1-HR  ALL
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0.08508  19112617        0.08253  20080720        0.08025  21091719
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0.08630  19040421        0.08383  20101718        0.08148  21072321
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0.08983  19030418        0.08581  20071620        0.08170  21080703
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0.09087  19092718        0.08688  20081601        0.08487  21080703
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0.08254  19030318        0.06773  20042921        0.06082  21090702
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0.06210  19051622        0.05452  20071620        0.04653  21021019
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0.05540  19072919        0.05136  20032718        0.03622  21030818
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0.05041  19040619        0.04566  20032718        0.02594  21091618
  438610.80000 3711300.20000       0.03139    72.87   208.62     0.00    1-HR  ALL
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0.26577  19032018        0.26052  20072119        0.25894  21060920
  437439.51000 3710538.48000       0.23100    78.18   211.60     0.00    1-HR  ALL
      8TH                     0.23283  17012617        0.24572  18032718
0.23014  19030918        0.22112  20051221        0.22518  21011517
  437447.32000 3710515.78000       0.17491    74.55   211.60     0.00    1-HR  ALL
      8TH                     0.17079  17112417        0.18854  18050919
0.18013  19030918        0.16395  20111017        0.17112  21011517
  437471.16000 3710600.14000       0.26875    86.90   205.14     0.00    1-HR  ALL
      8TH                     0.27023  17080121        0.26993  18031702
0.26544  19032018        0.27167  20042419        0.26650  21121417
  437478.98000 3710577.45000       0.24428    81.61   211.60     0.00    1-HR  ALL
      8TH                     0.23854  17121917        0.24713  18052001
0.25060  19041719        0.24442  20122117        0.24070  21090924
  437486.79000 3710554.75000       0.18229    75.57   211.60     0.00    1-HR  ALL
      8TH                     0.18394  17040819        0.20162  18032718
0.18420  19012024        0.17176  20051020        0.16992  21030818
  437494.60000 3710532.05000       0.07253    69.98   211.60     0.00    1-HR  ALL
      8TH                     0.07100  17072306        0.07170  18020519
0.07455  19040618        0.07307  20052106        0.07232  21052306
  437518.44000 3710616.42000       0.25018    85.58   205.14     0.00    1-HR  ALL
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0.25391  19030918        0.25126  20042419        0.24637  21062405
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  437526.25000 3710593.72000       0.23344    83.21   205.14     0.00    1-HR  ALL
      8TH                     0.22620  17012318        0.23485  18012017
0.24109  19030918        0.23404  20051119        0.23100  21031018
  437534.07000 3710571.02000       0.19316    78.45   211.60     0.00    1-HR  ALL
      8TH                     0.19582  17012617        0.20546  18033019
0.19327  19121517        0.18912  20051020        0.18213  21082021
  437541.88000 3710548.33000       0.07760    71.21   211.60     0.00    1-HR  ALL
      8TH                     0.07146  17021619        0.08408  18031818
0.08194  19032018        0.07025  20051020        0.08025  21021017
  437589.16000 3710564.60000       0.06467    70.79   211.60     0.00    1-HR  ALL
      8TH                     0.05868  17021619        0.06913  18062719
0.06884  19022103        0.05991  20051020        0.06680  21012006
  437620.81000 3710626.27000       0.18687    80.64   205.14     0.00    1-HR  ALL
      8TH                     0.18510  17012317        0.18786  18093022
0.19532  19011720        0.18654  20072119        0.17952  21030818
  437723.18000 3710636.11000       0.03767    67.95   210.88     0.00    1-HR  ALL
      8TH                     0.03722  17051306        0.03736  18122508
0.03871  19012908        0.03826  20121108        0.03680  21062106
  437770.46000 3710652.39000       0.03373    67.99   205.14     0.00    1-HR  ALL
      8TH                     0.03333  17051306        0.03345  18122508
0.03466  19012908        0.03426  20121108        0.03296  21062106
  437778.27000 3710629.69000       0.03327    67.92   205.14     0.00    1-HR  ALL
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0.03419  19012908        0.03380  20121108        0.03251  21062106
  437872.82000 3710662.24000       0.02730    68.03   207.03     0.00    1-HR  ALL
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0.02818  19021718        0.02769  20121108        0.02664  21062106
  438345.60000 3710824.97000       0.10846   107.33   207.17     0.00    1-HR  ALL
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0.11277  19071920        0.11194  20032619        0.09238  21012522
  438432.34000 3710880.21000       0.10362   110.93   208.62     0.00    1-HR  ALL
      8TH                     0.10776  17121917        0.10983  18020521
0.10339  19080105        0.10668  20052320        0.09045  21030818
  438440.16000 3710857.51000       0.09634   120.16   198.31     0.00    1-HR  ALL
      8TH                     0.09986  17070524        0.10296  18112919
0.09809  19012101        0.09865  20052320        0.08215  21031719
  438511.27000 3710958.15000       0.09643   117.82   207.03     0.00    1-HR  ALL
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0.09640  19051119        0.09418  20052619        0.09022  21042719
  438519.09000 3710935.45000       0.08952   128.53   198.31     0.00    1-HR  ALL
      8TH                     0.09465  17041920        0.09349  18071924
0.09183  19042119        0.08809  20052619        0.07954  21042719
  438526.90000 3710912.76000       0.08414   135.87   149.68     0.00    1-HR  ALL
      8TH                     0.08936  17091321        0.08939  18060622
0.08600  19080105        0.08446  20043003        0.07152  21021019
  438534.71000 3710890.06000       0.08081   141.44   149.68     0.00    1-HR  ALL
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0.08106  19011720        0.08355  20052320        0.07003  21030818
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0.08538  19081819        0.08251  20071620        0.06887  21062106
  438613.64000 3710968.00000       0.09185   102.50   208.62     0.00    1-HR  ALL
      8TH                     0.09805  17010518        0.09793  18060622
0.09054  19080420        0.08776  20061219        0.08499  21030818
  438621.46000 3710945.30000       0.09021   114.91   208.62     0.00    1-HR  ALL
      8TH                     0.09625  17091321        0.09719  18022318
0.09008  19030418        0.08865  20051020        0.07888  21030818
  438629.27000 3710922.61000       0.08339   127.34   208.62     0.00    1-HR  ALL
      8TH                     0.08865  17092720        0.09003  18022118
0.08469  19040221        0.08426  20043003        0.06929  21042719
  438692.57000 3711045.94000       0.08453   122.24   208.62     0.00    1-HR  ALL
      8TH                     0.08798  17022318        0.08833  18112917
0.08593  19041619        0.08084  20092419        0.07955  21080703
  438700.39000 3711023.24000       0.08502   120.56   208.62     0.00    1-HR  ALL
      8TH                     0.08978  17052202        0.09073  18092424
0.08712  19080420        0.08169  20061219        0.07577  21080703
  438708.20000 3711000.55000       0.08698   114.69   208.62     0.00    1-HR  ALL
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0.08700  19051119        0.08332  20081601        0.07932  21012420
  438716.01000 3710977.85000       0.08375   118.48   208.62     0.00    1-HR  ALL
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0.08580  19051619        0.08067  20081601        0.07434  21012420
  438723.82000 3710955.15000       0.07997   126.80   208.62     0.00    1-HR  ALL
      8TH                     0.08560  17060324        0.08644  18062204
0.08152  19030418        0.07865  20043003        0.06763  21021019
  437354.00000 3710454.83000       0.24401    74.98   211.60     0.00    1-HR  ALL
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0.23501  19012024        0.23127  20090920        0.27477  21120817
  437343.58000 3710413.15000       0.20999    72.98   211.60     0.00    1-HR  ALL
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0.18767  19062219        0.19928  20121917        0.24438  21020218
  437401.68000 3710461.64000       0.17397    73.09   211.60     0.00    1-HR  ALL
      8TH                     0.16617  17012617        0.18443  18121016
0.16657  19050119        0.15948  20111017        0.19318  21122408
  437397.29000 3710421.87000       0.16890    72.99   211.60     0.00    1-HR  ALL
      8TH                     0.16492  17032218        0.16918  18110717
0.14683  19021624        0.15708  20111818        0.20649  21031522
  437450.09000 3710451.88000       0.08207    68.44   211.60     0.00    1-HR  ALL
      8TH                     0.07986  17032107        0.07915  18033107
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  437445.80000 3710409.74000       0.08050    69.01   211.60     0.00    1-HR  ALL
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0.08321  19040407        0.07916  20121108        0.08485  21022017
  437498.70000 3710437.39000       0.06820    66.27   211.60     0.00    1-HR  ALL
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0.07034  19072206        0.06819  20121108        0.06978  21040818
  437497.06000 3710475.25000       0.06984    66.46   211.60     0.00    1-HR  ALL
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0.07146  19012908        0.07049  20052106        0.06976  21052306
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0.05997  19072206        0.05813  20121108        0.05803  21061106
  437545.39000 3710467.18000       0.05921    66.11   211.60     0.00    1-HR  ALL
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0.06024  19061006        0.06004  20052106        0.05892  21022017
  437543.64000 3710507.75000       0.06072    66.58   211.60     0.00    1-HR  ALL
      8TH                     0.05988  17072306        0.05985  18033107
0.06185  19061006        0.06165  20052106        0.06035  21013008
  437542.82000 3710385.49000       0.05713    65.58   211.60     0.00    1-HR  ALL
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0.05849  19072206        0.05670  20121108        0.05990  21070806
  437595.61000 3710415.50000       0.04980    65.48   211.60     0.00    1-HR  ALL
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0.05101  19032917        0.05025  20121108        0.04994  21021117
  437593.77000 3710458.10000       0.05110    66.04   211.60     0.00    1-HR  ALL
      8TH                     0.05055  17051306        0.05033  18033107
0.05201  19061006        0.05185  20052106        0.05075  21013008
  437591.92000 3710500.70000       0.05239    66.32   211.60     0.00    1-HR  ALL
      8TH                     0.05167  17072306        0.05164  18033107
0.05337  19061006        0.05320  20052106        0.05208  21013008
  437591.32000 3710373.36000       0.04907    65.41   211.60     0.00    1-HR  ALL
      8TH                     0.04798  17032107        0.04755  18033107
0.04965  19012908        0.04908  20121108        0.05107  21021117
  437644.18000 3710401.95000       0.04328    64.26   211.60     0.00    1-HR  ALL
      8TH                     0.04287  17032107        0.04248  18033107
0.04391  19061006        0.04386  20121108        0.04331  21052306
  437642.46000 3710441.71000       0.04445    65.25   211.60     0.00    1-HR  ALL
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0.04523  19061006        0.04518  20121108        0.04413  21013008
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      8TH                     0.04485  17072306        0.04482  18033107
0.04632  19061006        0.04618  20052106        0.04520  21013008
  437639.02000 3710521.23000       0.04629    66.36   211.60     0.00    1-HR  ALL
      8TH                     0.04566  17072306        0.04563  18033107
0.04716  19061006        0.04701  20052106        0.04602  21013008
  437637.29000 3710560.99000       0.04715    67.84   211.60     0.00    1-HR  ALL
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0.04917  19072206        0.04756  20052106        0.04625  21070206
  437639.83000 3710361.23000       0.04277    64.62   211.60     0.00    1-HR  ALL
      8TH                     0.04201  17032107        0.04163  18033107
0.04348  19012908        0.04298  20121108        0.04376  21021117
  437692.65000 3710390.60000       0.03809    64.43   211.60     0.00    1-HR  ALL
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0.03860  19020617        0.03876  20121108        0.03786  21013008
  437690.86000 3710431.91000       0.03924    65.33   211.60     0.00    1-HR  ALL
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0.03992  19061006        0.03988  20121108        0.03896  21013008
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0.03846  19012908        0.03801  20121108        0.03794  21061106
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0.03434  19052406        0.03454  20121108        0.03374  21013008
  437739.29000 3710421.72000       0.03493    64.82   211.60     0.00    1-HR  ALL
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  437737.44000 3710464.32000       0.03563    65.40   211.60     0.00    1-HR  ALL
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  437787.93000 3710406.55000       0.03125    65.24   211.60     0.00    1-HR  ALL
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0.03180  19061006        0.03176  20121108        0.03102  21013008
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      8TH                     0.02966  17051306        0.02953  18033107
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      8TH   0.02478 17051306   0.02467 18033107
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      8TH   0.02525 17072306   0.02524 18033107
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      8TH   0.02440 17051306   0.02429 18033107
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  437983.68000 3710318.11000   0.02095   66.84   211.60   0.00   1-HR ALL
      8TH   0.02077 17051306   0.02068 18033107
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      8TH   0.02111 17072306   0.02110 18033107
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      8TH   0.02150 17072306   0.02149 18033107
0.02221 19061006   0.02214 20052106   0.02167 21013008
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      8TH   0.02182 17072306   0.02181 18033107
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      8TH   0.02209 17072306   0.02208 18033107
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0.13367  19030223        0.12866  20032620        0.13777  21072606
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0.10566  19040220        0.10241  20062104        0.10151  21012006
  438395.74000 3710411.45000       0.10406   105.63   208.62     0.00    1-HR  ALL
      8TH                     0.10955  17071123        0.10502  18052002
0.10476  19020618        0.09854  20022618        0.10243  21111607
  438494.71000 3710454.57000       0.08496   141.44   185.02     0.00    1-HR  ALL
      8TH                     0.08437  17070720        0.08948  18041120
0.08885  19051924        0.07957  20051819        0.08252  21040303
  438495.71000 3710413.89000       0.08933   131.45   207.03     0.00    1-HR  ALL
      8TH                     0.09452  17081803        0.08979  18120117
0.08885  19062402        0.08413  20031904        0.08936  21022018
  438594.68000 3710457.01000       0.08586   129.90   208.62     0.00    1-HR  ALL
      8TH                     0.08524  17110219        0.09038  18071902
0.09062  19100818        0.07950  20090604        0.08356  21092620
  438595.68000 3710416.33000       0.08961   121.69   208.62     0.00    1-HR  ALL
      8TH                     0.09256  17012303        0.09120  18070122
0.09050  19121418        0.08453  20051119        0.08926  21062120
  438694.65000 3710459.46000       0.07714   141.21   208.62     0.00    1-HR  ALL
      8TH                     0.07675  17082902        0.07925  18033019
0.08118  19100818        0.07267  20090604        0.07587  21051720
  438695.65000 3710418.78000       0.07907   135.01   208.62     0.00    1-HR  ALL
      8TH                     0.07919  17051719        0.08241  18070122
0.07990  19022103        0.07492  20051119        0.07892  21060920
  438794.62000 3710461.90000       0.06956   153.52   208.62     0.00    1-HR  ALL
      8TH                     0.06943  17082902        0.07175  18012004
0.07254  19020618        0.06546  20122117        0.06862  21051720
  438795.62000 3710421.22000       0.06790   152.82   208.62     0.00    1-HR  ALL
      8TH                     0.06600  17070720        0.07224  18070122
0.07144  19121418        0.06337  20090604        0.06647  21032619
  437341.85000 3710350.28000       0.12660    68.26   211.60     0.00    1-HR  ALL
      8TH                     0.11491  17041718        0.12346  18040418
0.13153  19032917        0.11307  20120708        0.15003  21041718
  437325.75000 3710319.20000       0.13269    65.30   211.60     0.00    1-HR  ALL
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      8TH                     0.12902  17041718        0.13569  18042718
0.13958  19102017        0.11090  20101317        0.14823  21020517
  437302.93000 3710287.45000       0.14900    64.17   211.60     0.00    1-HR  ALL
      8TH                     0.13697  17041918        0.13889  18010616
0.17184  19042318        0.13842  20020717        0.15886  21020517
  437382.46000 3710321.10000       0.12117    71.59   211.60     0.00    1-HR  ALL
      8TH                     0.11683  17031821        0.11486  18021207
0.12330  19122116        0.12079  20111317        0.13005  21011317
  437391.84000 3710351.50000       0.19161    73.45   211.60     0.00    1-HR  ALL
      8TH                     0.19571  17111717        0.17986  18041621
0.17334  19102817        0.19007  20032521        0.21906  21120317
  437366.35000 3710290.02000       0.10707    67.19   211.60     0.00    1-HR  ALL
      8TH                     0.10513  17041718        0.10983  18042718
0.10974  19101417        0.09076  20110822        0.11990  21040118
  437343.53000 3710258.27000       0.11838    65.07   211.60     0.00    1-HR  ALL
      8TH                     0.10879  17020917        0.11350  18041218
0.13691  19042318        0.10181  20101117        0.13089  21020517
  437424.00000 3710294.96000       0.12237    72.09   211.60     0.00    1-HR  ALL
      8TH                     0.11903  17110417        0.11719  18021207
0.11907  19121117        0.12245  20111817        0.13411  21120217
  437435.26000 3710331.44000       0.09334    71.28   211.60     0.00    1-HR  ALL
      8TH                     0.09156  17112417        0.08875  18060720
0.09151  19051901        0.09116  20121517        0.10373  21020218
  437406.96000 3710260.84000       0.08911    68.72   211.60     0.00    1-HR  ALL
      8TH                     0.08736  17041718        0.09110  18042718
0.09258  19042318        0.07460  20120708        0.09992  21101017
  437384.14000 3710229.09000       0.09647    65.52   211.60     0.00    1-HR  ALL
      8TH                     0.08916  17122015        0.09536  18041218
0.11112  19042318        0.07697  20101117        0.10976  21020517
  437464.33000 3710264.91000       0.07444    70.75   211.60     0.00    1-HR  ALL
      8TH                     0.07086  17041518        0.07142  18101417
0.07092  19041218        0.07173  20111917        0.08729  21041518
  437475.05000 3710299.66000       0.06661    69.00   211.60     0.00    1-HR  ALL
      8TH                     0.06390  17070706        0.06134  18071906
0.06522  19122116        0.06278  20020808        0.07984  21041718
  437485.78000 3710334.40000       0.06469    66.98   211.60     0.00    1-HR  ALL
      8TH                     0.06189  17110316        0.06137  18122508
0.06608  19040407        0.06371  20032807        0.07041  21082318
  437447.56000 3710231.67000       0.07477    69.48   211.60     0.00    1-HR  ALL
      8TH                     0.07341  17041718        0.07650  18042718
0.07495  19012717        0.06322  20120708        0.08576  21121717
  437424.74000 3710199.91000       0.08077    65.71   211.60     0.00    1-HR  ALL
      8TH                     0.07484  17122015        0.08150  18041218
0.09154  19042318        0.06265  20120708        0.09334  21020517
  437504.78000 3710235.25000       0.05956    69.24   211.60     0.00    1-HR  ALL
      8TH                     0.05563  17041718        0.05850  18021918
0.05714  19032917        0.05276  20121916        0.07376  21121717
  437515.21000 3710269.03000       0.05730    67.21   211.60     0.00    1-HR  ALL
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0.05605  19122116        0.05385  20020808        0.06905  21041718
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  437525.64000 3710302.81000       0.05573    66.04   211.60     0.00    1-HR  ALL
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0.05555  19072206        0.05458  20032807        0.06285  21121717
  437536.06000 3710336.58000       0.05567    65.72   211.60     0.00    1-HR  ALL
      8TH                     0.05450  17110316        0.05326  18121016
0.05752  19040407        0.05529  20061106        0.05780  21070806
  437488.16000 3710202.49000       0.06415    70.12   211.60     0.00    1-HR  ALL
      8TH                     0.06241  17041718        0.06674  18101417
0.05972  19012717        0.05504  20042118        0.07683  21012518
  437465.34000 3710170.73000       0.06812    65.35   211.60     0.00    1-HR  ALL
      8TH                     0.06364  17122015        0.06874  18021908
0.07560  19020617        0.05401  20120708        0.07863  21010616
  437545.80000 3710207.42000       0.05033    67.81   211.60     0.00    1-HR  ALL
      8TH                     0.04759  17041718        0.04710  18040418
0.04852  19032917        0.04569  20020808        0.06273  21020317
  437557.06000 3710243.90000       0.04955    66.30   211.60     0.00    1-HR  ALL
      8TH                     0.04779  17070706        0.04590  18072506
0.04741  19072206        0.04685  20121408        0.05982  21121717
  437568.32000 3710280.38000       0.04871    65.77   211.60     0.00    1-HR  ALL
      8TH                     0.04609  17052106        0.04586  18122508
0.04846  19072206        0.04762  20032807        0.05551  21121717
  437579.58000 3710316.86000       0.04839    65.42   211.60     0.00    1-HR  ALL
      8TH                     0.04684  17052106        0.04624  18033107
0.05019  19040407        0.04824  20061106        0.05042  21120316
  437528.76000 3710173.31000       0.05444    69.20   211.60     0.00    1-HR  ALL
      8TH                     0.05344  17041718        0.05588  18042718
0.04979  19041818        0.04690  20112816        0.06617  21012518
  437505.94000 3710141.55000       0.05791    65.28   211.60     0.00    1-HR  ALL
      8TH                     0.05472  17122015        0.05855  18021908
0.06312  19090618        0.04715  20120708        0.06600  21010616
  437586.25000 3710177.74000       0.04399    66.92   211.60     0.00    1-HR  ALL
      8TH                     0.04163  17111808        0.04184  18021918
0.04140  19032917        0.04022  20020808        0.05487  21041518
  437597.20000 3710213.20000       0.04349    65.85   211.60     0.00    1-HR  ALL
      8TH                     0.04198  17070706        0.04032  18072506
0.04164  19072206        0.04115  20121408        0.05237  21041718
  437608.14000 3710248.67000       0.04308    65.60   211.60     0.00    1-HR  ALL
      8TH                     0.04044  17052106        0.04044  18080106
0.04252  19072206        0.04178  20032807        0.05021  21121415
  437619.09000 3710284.14000       0.04266    65.45   211.60     0.00    1-HR  ALL
      8TH                     0.04110  17052106        0.04059  18033107
0.04405  19040407        0.04234  20061106        0.04520  21120316
  437630.04000 3710319.60000       0.04230    65.24   211.60     0.00    1-HR  ALL
      8TH                     0.04157  17052106        0.04105  18033107
0.04326  19041218        0.04238  20121108        0.04324  21021117
  437569.37000 3710144.13000       0.04706    67.84   211.60     0.00    1-HR  ALL
      8TH                     0.04612  17041718        0.04837  18042718
0.04255  19041818        0.04061  20112816        0.05763  21121717
  437546.55000 3710112.37000       0.04952    64.46   211.60     0.00    1-HR  ALL
      8TH                     0.04713  17091018        0.05039  18021908
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0.05308  19090618        0.03956  20112816        0.05746  21101017
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      8TH                     0.03699  17111808        0.03774  18021918
0.03676  19040407        0.03565  20121408        0.04815  21020317
  437637.46000 3710182.94000       0.03853    65.64   211.60     0.00    1-HR  ALL
      8TH                     0.03723  17070706        0.03576  18071906
0.03693  19072206        0.03629  20032807        0.04645  21041718
  437648.19000 3710217.68000       0.03807    65.40   211.60     0.00    1-HR  ALL
      8TH                     0.03633  17041318        0.03584  18080106
0.03768  19072206        0.03702  20032807        0.04350  21020217
  437658.91000 3710252.42000       0.03777    65.52   211.60     0.00    1-HR  ALL
      8TH                     0.03641  17052106        0.03605  18021918
0.03829  19072206        0.03751  20061106        0.04057  21120316
  437669.63000 3710287.17000       0.03761    65.42   211.60     0.00    1-HR  ALL
      8TH                     0.03686  17052106        0.03639  18033107
0.03865  19041218        0.03757  20121108        0.03858  21120316
  437680.36000 3710321.91000       0.03752    65.20   211.60     0.00    1-HR  ALL
      8TH                     0.03701  17110316        0.03668  18033107
0.03791  19061006        0.03787  20121108        0.03812  21041518
  437609.97000 3710114.95000       0.04115    66.45   211.60     0.00    1-HR  ALL
      8TH                     0.04022  17041718        0.04235  18042718
0.03667  19041818        0.03554  20112816        0.05096  21041718
  437587.15000 3710083.19000       0.04324    64.34   211.60     0.00    1-HR  ALL
      8TH                     0.04104  17041418        0.04375  18021908
0.04537  19021723        0.03501  20020808        0.05104  21020217
  437667.61000 3710119.88000       0.03497    65.44   211.60     0.00    1-HR  ALL
      8TH                     0.03316  17111808        0.03429  18021918
0.03295  19040407        0.03195  20121408        0.04250  21041518
  437678.87000 3710156.36000       0.03433    65.27   211.60     0.00    1-HR  ALL
      8TH                     0.03289  17041918        0.03204  18071906
0.03310  19072206        0.03252  20032807        0.04109  21041718
  437690.13000 3710192.84000       0.03394    65.12   211.60     0.00    1-HR  ALL
      8TH                     0.03210  17052106        0.03212  18080106
0.03376  19072206        0.03317  20032807        0.03852  21020217
  437701.39000 3710229.32000       0.03388    65.43   211.60     0.00    1-HR  ALL
      8TH                     0.03263  17052106        0.03247  18122508
0.03432  19072206        0.03361  20061106        0.03639  21120316
  437712.65000 3710265.80000       0.03363    65.61   211.60     0.00    1-HR  ALL
      8TH                     0.03303  17052106        0.03262  18033107
0.03418  19041218        0.03367  20121108        0.03463  21120316
  437723.91000 3710302.28000       0.03352    65.41   211.60     0.00    1-HR  ALL
      8TH                     0.03303  17051306        0.03289  18033107
0.03399  19061006        0.03395  20121108        0.03375  21022017
  437650.57000 3710085.77000       0.03640    65.44   211.60     0.00    1-HR  ALL
      8TH                     0.03540  17041718        0.03742  18042718
0.03250  19040407        0.03152  20042118        0.04516  21041718
  437627.75000 3710054.01000       0.03827    64.23   211.60     0.00    1-HR  ALL
      8TH                     0.03649  17041418        0.03831  18021908
0.03957  19012717        0.03134  20121408        0.04564  21020217
  437708.10000 3710090.35000       0.03137    64.82   211.60     0.00    1-HR  ALL
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0.02972  19040407        0.02882  20121408        0.03783  21020317
  437719.14000 3710126.11000       0.03078    64.98   211.60     0.00    1-HR  ALL
      8TH                     0.02942  17041918        0.02886  18071906
0.02980  19072206        0.02945  20121817        0.03638  21021017
  437730.18000 3710161.88000       0.03064    64.80   211.60     0.00    1-HR  ALL
      8TH                     0.02896  17041318        0.02890  18080106
0.03037  19072206        0.02984  20032807        0.03510  21020217
  437741.22000 3710197.64000       0.03052    64.47   211.60     0.00    1-HR  ALL
      8TH                     0.02933  17052106        0.02920  18122508
0.03085  19072206        0.03021  20061106        0.03301  21120316
  437752.26000 3710233.41000       0.03039    65.27   211.60     0.00    1-HR  ALL
      8TH                     0.02971  17052106        0.02934  18033107
0.03064  19012908        0.03029  20121108        0.03200  21070806
  437763.30000 3710269.17000       0.03021    65.82   211.60     0.00    1-HR  ALL
      8TH                     0.02988  17032107        0.02948  18122008
0.03060  19061006        0.03057  20121108        0.03051  21061106
  437774.33000 3710304.94000       0.03033    65.62   211.60     0.00    1-HR  ALL
      8TH                     0.02990  17051306        0.02977  18033107
0.03077  19061006        0.03074  20121108        0.03046  21022017
  437691.17000 3710056.59000       0.03245    64.55   211.60     0.00    1-HR  ALL
      8TH                     0.03140  17041718        0.03327  18101417
0.02880  19041218        0.02845  20121408        0.04034  21041718
  437668.35000 3710024.83000       0.03366    63.88   211.60     0.00    1-HR  ALL
      8TH                     0.03242  17122015        0.03382  18021908
0.03319  19012717        0.02831  20121408        0.04055  21040118
  437789.42000 3710032.35000       0.02543    61.79   211.60     0.00    1-HR  ALL
      8TH                     0.02441  17071906        0.02406  18041418
0.02429  19041218        0.02385  20121408        0.03052  21041518
  437800.68000 3710068.83000       0.02520    63.39   211.60     0.00    1-HR  ALL
      8TH                     0.02384  17051106        0.02347  18032007
0.02445  19032917        0.02435  20121408        0.02991  21120416
  437811.94000 3710105.31000       0.02526    64.61   211.60     0.00    1-HR  ALL
      8TH                     0.02385  17052106        0.02389  18080106
0.02509  19072206        0.02457  20061106        0.02890  21020217
  437823.20000 3710141.79000       0.02523    64.72   211.60     0.00    1-HR  ALL
      8TH                     0.02422  17052106        0.02411  18122508
0.02548  19072206        0.02495  20061106        0.02738  21120316
  437834.46000 3710178.27000       0.02521    63.22   211.60     0.00    1-HR  ALL
      8TH                     0.02451  17052106        0.02440  18122508
0.02518  19041218        0.02499  20121108        0.02695  21120316
  437845.71000 3710214.75000       0.02501    63.73   211.60     0.00    1-HR  ALL
      8TH                     0.02467  17032107        0.02434  18122008
0.02542  19012817        0.02524  20121108        0.02535  21120316
  437856.97000 3710251.23000       0.02505    66.17   211.60     0.00    1-HR  ALL
      8TH                     0.02474  17051306        0.02453  18122008
0.02546  19061006        0.02543  20121108        0.02511  21052306
  437772.38000 3709998.23000       0.02634    63.03   211.60     0.00    1-HR  ALL
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  437749.56000 3709966.48000       0.02705    62.18   211.60     0.00    1-HR  ALL
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0.02537  19041818        0.02349  20121408        0.03284  21041718
  437870.70000 3709974.25000       0.02130    65.84   211.60     0.00    1-HR  ALL
      8TH                     0.02058  17070706        0.01991  18101417
0.02042  19072206        0.02006  20032807        0.02556  21120416
  437882.13000 3710011.26000       0.02114    69.10   211.60     0.00    1-HR  ALL
      8TH                     0.02012  17051106        0.01981  18032007
0.02039  19012908        0.02055  20121408        0.02482  21041718
  437893.55000 3710048.27000       0.02114    68.90   211.60     0.00    1-HR  ALL
      8TH                     0.02010  17052106        0.02001  18122508
0.02088  19041218        0.02071  20061106        0.02400  21122408
  437904.97000 3710085.28000       0.02114    68.77   211.60     0.00    1-HR  ALL
      8TH                     0.02039  17052106        0.02026  18080106
0.02104  19012908        0.02096  20101417        0.02306  21120316
  437916.39000 3710122.29000       0.02411    70.42   211.60     0.00    1-HR  ALL
      8TH                     0.02310  17041320        0.02265  18041621
0.02375  19032917        0.02276  20120708        0.02828  21032818
  437927.82000 3710159.30000       0.05323    73.44   211.60     0.00    1-HR  ALL
      8TH                     0.05146  17032418        0.05377  18052519
0.04606  19021624        0.04732  20120417        0.06757  21081419
  437939.24000 3710196.30000       0.05751    74.08   211.60     0.00    1-HR  ALL
      8TH                     0.05527  17051120        0.05471  18110717
0.05309  19050519        0.05279  20111818        0.07167  21032618
  437950.66000 3710233.31000       0.05249    73.67   211.60     0.00    1-HR  ALL
      8TH                     0.05203  17091322        0.05057  18020522
0.04938  19032318        0.04434  20111818        0.06612  21032618
  437853.58000 3709939.87000       0.02186    64.09   211.60     0.00    1-HR  ALL
      8TH                     0.02067  17042018        0.02162  18101417
0.02019  19072206        0.01984  20032807        0.02699  21041718
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      8TH                     0.02140  17012023        0.02321  18101417
0.02049  19040407        0.01987  20121408        0.02728  21012518
  437951.76000 3709915.40000       0.01826    69.96   211.60     0.00    1-HR  ALL
      8TH                     0.01765  17070706        0.01697  18031406
0.01717  19012908        0.01753  20120417        0.02198  21041718
  437962.88000 3709951.43000       0.02122    70.44   211.60     0.00    1-HR  ALL
      8TH                     0.02109  17111717        0.02015  18110717
0.01991  19010417        0.02110  20053019        0.02384  21120217
  437974.00000 3709987.46000       0.01940    70.28   211.60     0.00    1-HR  ALL
      8TH                     0.01898  17111717        0.01873  18060720
0.01843  19051901        0.01894  20120708        0.02190  21022218
  437985.12000 3710023.49000       0.02578    71.40   211.60     0.00    1-HR  ALL
      8TH                     0.02622  17110417        0.02520  18041621
0.02362  19021624        0.02391  20121917        0.02994  21121717
  437996.24000 3710059.52000       0.04191    72.74   211.60     0.00    1-HR  ALL
      8TH                     0.04436  17041320        0.04202  18070120
0.03537  19102817        0.03447  20102624        0.05334  21020218
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0.04211  19050119        0.04432  20051319        0.06276  21081419
  438018.48000 3710131.58000       0.08147    78.57   211.60     0.00    1-HR  ALL
      8TH                     0.07654  17091419        0.07704  18072320
0.08126  19050519        0.07603  20110821        0.09647  21120119
  438029.60000 3710167.61000       0.11458    85.23   198.31     0.00    1-HR  ALL
      8TH                     0.11485  17082403        0.10684  18080919
0.12135  19032918        0.10744  20111117        0.12244  21120119
  438040.72000 3710203.64000       0.12704    90.68   185.02     0.00    1-HR  ALL
      8TH                     0.12967  17112417        0.12451  18041623
0.12675  19021619        0.12353  20051120        0.13075  21013018
  438051.84000 3710239.67000       0.13583    96.06   145.38     0.00    1-HR  ALL
      8TH                     0.13216  17082403        0.14151  18042222
0.13390  19032318        0.13763  20110821        0.13394  21060202
  438062.96000 3710275.70000       0.13477    99.82   122.53     0.00    1-HR  ALL
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0.13664  19032318        0.13226  20042724        0.13740  21060919
  437934.79000 3709881.51000       0.01848    65.96   211.60     0.00    1-HR  ALL
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0.01735  19072206        0.01704  20032807        0.02260  21041718
  437911.97000 3709849.76000       0.01888    64.87   211.60     0.00    1-HR  ALL
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0.01730  19072206        0.01701  20041518        0.02292  21020517
  438033.03000 3709857.27000       0.01740    70.30   211.60     0.00    1-HR  ALL
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0.01619  19021020        0.01798  20121917        0.02014  21020217
  438044.29000 3709893.75000       0.02769    71.88   211.60     0.00    1-HR  ALL
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  438055.55000 3709930.23000       0.06208    76.33   211.60     0.00    1-HR  ALL
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0.05655  19120621        0.05725  20011217        0.07052  21010417
  438066.81000 3709966.71000       0.09414    82.78   198.31     0.00    1-HR  ALL
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0.09108  19022318        0.08845  20052019        0.10331  21051319
  438078.07000 3710003.19000       0.09982    84.19   198.31     0.00    1-HR  ALL
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0.09622  19051901        0.09235  20042619        0.11038  21091820
  438089.33000 3710039.67000       0.09755    83.90   201.63     0.00    1-HR  ALL
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0.09493  19062219        0.08999  20042619        0.11074  21020718
  438100.59000 3710076.15000       0.10387    85.74   207.03     0.00    1-HR  ALL
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0.10377  19021721        0.09890  20111317        0.11593  21051223
  438111.85000 3710112.63000       0.12427    95.65   145.38     0.00    1-HR  ALL
      8TH                     0.12569  17072603        0.11828  18030418
0.12869  19021020        0.11500  20032318        0.13371  21071721
  438123.11000 3710149.11000       0.13054   101.54   145.38     0.00    1-HR  ALL
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0.13053  19072920        0.12400  20121317        0.13446  21100819
  438134.37000 3710185.59000       0.12701   102.14   145.38     0.00    1-HR  ALL
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0.12929  19090819        0.12365  20090920        0.12861  21110618
  438156.88000 3710258.55000       0.12605   106.99   122.53     0.00    1-HR  ALL
      8TH                     0.12364  17022722        0.12509  18032719
0.12957  19090819        0.12344  20110821        0.12850  21072606
  438015.99000 3709823.15000       0.01586    68.47   211.60     0.00    1-HR  ALL
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0.01509  19072206        0.01483  20032807        0.01921  21041718
  437993.17000 3709791.40000       0.01615    66.98   211.60     0.00    1-HR  ALL
      8TH                     0.01538  17041718        0.01607  18101417
0.01506  19072206        0.01479  20032807        0.01943  21041718
  438114.29000 3709799.09000       0.01870    71.06   211.60     0.00    1-HR  ALL
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0.01732  19021020        0.01861  20120217        0.02151  21120317
  438125.67000 3709835.94000       0.03047    72.37   211.60     0.00    1-HR  ALL
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0.02575  19021624        0.02834  20102624        0.03647  21091119
  438137.04000 3709872.79000       0.04137    73.35   211.60     0.00    1-HR  ALL
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0.03626  19021624        0.03871  20032521        0.04987  21101218
  438148.41000 3709909.64000       0.04629    74.41   211.60     0.00    1-HR  ALL
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0.04079  19102817        0.04216  20032318        0.05413  21032818
  438159.79000 3709946.49000       0.05893    76.81   208.62     0.00    1-HR  ALL
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0.05425  19022318        0.05243  20120417        0.06679  21120119
  438171.16000 3709983.34000       0.07055    79.12   208.62     0.00    1-HR  ALL
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  438182.53000 3710020.19000       0.07296    80.12   208.62     0.00    1-HR  ALL
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0.07259  19062219        0.06513  20110822        0.08531  21081419
  438193.91000 3710057.03000       0.08195    81.81   208.62     0.00    1-HR  ALL
      8TH                     0.07803  17030619        0.07878  18041219
0.08345  19032918        0.07714  20032419        0.09235  21120217
  438205.28000 3710093.88000       0.08785    83.72   208.62     0.00    1-HR  ALL
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0.09329  19032918        0.08187  20110821        0.09465  21080419
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0.09564  19021020        0.09252  20032919        0.09352  21061019
  438228.02000 3710167.58000       0.09293    86.49   208.62     0.00    1-HR  ALL
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0.09455  19032318        0.08900  20051120        0.09296  21100819
  438239.40000 3710204.43000       0.09590    87.62   208.62     0.00    1-HR  ALL
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0.10419  19073121        0.09064  20102517        0.10780  21072606
  438097.20000 3709764.79000       0.01567    70.28   211.60     0.00    1-HR  ALL
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0.01435  19122116        0.01628  20121917        0.01865  21052419
  438074.38000 3709733.04000       0.01412    69.03   211.60     0.00    1-HR  ALL
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0.01325  19072206        0.01312  20020808        0.01719  21011317
  438195.55000 3709740.89000       0.04571    75.03   211.60     0.00    1-HR  ALL
      8TH                     0.04812  17110417        0.04511  18110717
0.04059  19010417        0.04311  20111317        0.05161  21091119
  438207.01000 3709778.04000       0.06215    78.91   207.17     0.00    1-HR  ALL
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0.05894  19100819        0.05933  20050219        0.06799  21022218
  438218.48000 3709815.20000       0.07190    81.59   207.17     0.00    1-HR  ALL
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0.07037  19021722        0.06959  20053120        0.07655  21090219
  438229.95000 3709852.36000       0.06745    80.35   207.64     0.00    1-HR  ALL
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0.06406  19100819        0.06195  20120417        0.07345  21051223
  438241.42000 3709889.51000       0.06874    80.55   208.62     0.00    1-HR  ALL
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0.06572  19051901        0.06142  20011217        0.07831  21051223
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0.08525  19062219        0.08204  20111117        0.10154  21051319
  438275.82000 3710000.98000       0.09247    88.18   208.62     0.00    1-HR  ALL
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  438287.29000 3710038.13000       0.09384    88.00   208.62     0.00    1-HR  ALL
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0.09727  19093018        0.08786  20032318        0.10056  21091820
  438298.76000 3710075.29000       0.09867    91.48   208.62     0.00    1-HR  ALL
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0.10149  19040520        0.09364  20040705        0.10594  21061019
  438310.22000 3710112.44000       0.09648    90.89   208.62     0.00    1-HR  ALL
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0.09731  19090605        0.09443  20051220        0.09990  21072919
  438321.69000 3710149.60000       0.09350    89.57   208.62     0.00    1-HR  ALL
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0.09444  19032318        0.09358  20051120        0.09104  21060919
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0.09577  19032318        0.08846  20090920        0.09313  21061019
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0.10071  19021720        0.08551  20032419        0.09276  21092603
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  438155.58000 3709674.68000       0.01574    70.54   211.60     0.00    1-HR  ALL
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0.01470  19020617        0.01649  20120417        0.01803  21030418
  438276.65000 3709682.19000       0.05718    79.14   207.17     0.00    1-HR  ALL
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0.05326  19022023        0.05487  20021518        0.06244  21121817
  438287.91000 3709718.67000       0.08868    90.24   145.38     0.00    1-HR  ALL
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0.08991  19072021        0.08795  20083123        0.09223  21051220
  438299.17000 3709755.15000       0.10044    96.69   145.38     0.00    1-HR  ALL
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0.09888  19072021        0.09996  20032524        0.10487  21011617
  438310.43000 3709791.63000       0.10244    99.45   145.38     0.00    1-HR  ALL
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0.09638  19072021        0.10215  20053022        0.10673  21113017
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0.09436  19052702        0.10385  20021021        0.11069  21093018
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0.09993  19040520        0.10457  20032919        0.10892  21041921
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0.10103  19072920        0.10171  20111117        0.10443  21062420
  438389.24000 3710046.99000       0.09969   124.30   145.38     0.00    1-HR  ALL
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0.09970  19020819        0.09586  20111117        0.10283  21100819
  438400.50000 3710083.47000       0.10008   121.87   145.38     0.00    1-HR  ALL
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0.10269  19030403        0.09462  20032601        0.10301  21121917
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0.10607  19090819        0.09977  20032620        0.10180  21110918
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  438445.54000 3710229.39000       0.09374    97.51   208.62     0.00    1-HR  ALL
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0.09782  19050119        0.08888  20051819        0.09458  21120817
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      8TH                     0.09799  17021821        0.10155  18082520
0.10321  19052001        0.09016  20062104        0.09932  21042601
  438259.61000 3709648.07000       0.03251    73.09   207.64     0.00    1-HR  ALL
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0.02839  19092018        0.02976  20111317        0.03850  21091819
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0.02764  19092018        0.02833  20102624        0.03632  21120418
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0.05297  19022023        0.05418  20021518        0.05974  21091022
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0.05006  19072021        0.05083  20050219        0.05787  21120217
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0.05985  19121419        0.05998  20053120        0.06576  21110118
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0.08311  19121419        0.08539  20030319        0.09315  21092618
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0.08812  19021020        0.09662  20062101        0.10349  21093018
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0.09136  19040520        0.09720  20032919        0.10323  21092618
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0.09288  19093018        0.08742  20032520        0.09566  21020718
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0.08784  19062220        0.08766  20101519        0.09096  21013018
  438482.71000 3710028.37000       0.09011   133.67   145.38     0.00    1-HR  ALL
      8TH                     0.08971  17071421        0.09023  18092224
0.09033  19030403        0.08742  20071622        0.09289  21110618
  438494.05000 3710065.13000       0.08865   131.79   145.38     0.00    1-HR  ALL
      8TH                     0.08523  17041621        0.09155  18082622
0.09042  19050119        0.08473  20090920        0.09131  21030819
  438505.40000 3710101.89000       0.08732   132.43   132.43     0.00    1-HR  ALL
      8TH                     0.07938  17102618        0.08975  18112217
0.09231  19030403        0.08480  20102517        0.09035  21082821
  438516.75000 3710138.65000       0.08872   126.35   207.03     0.00    1-HR  ALL
      8TH                     0.08581  17062002        0.09034  18082801
0.09000  19050519        0.08930  20051319        0.08817  21110918
  438528.09000 3710175.42000       0.09380   115.30   208.62     0.00    1-HR  ALL
      8TH                     0.09188  17022722        0.09404  18011823
0.09229  19070606        0.09525  20050822        0.09552  21031922
  438539.44000 3710212.18000       0.09144   105.68   208.62     0.00    1-HR  ALL
      8TH                     0.08838  17032620        0.09681  18022304
0.08957  19021720        0.08829  20050822        0.09416  21031922
  438573.48000 3710322.47000       0.09122   117.37   208.62     0.00    1-HR  ALL
      8TH                     0.09074  17092423        0.09498  18022304
0.09678  19041901        0.07995  20032319        0.09364  21121420
  438584.83000 3710359.23000       0.09124   118.40   208.62     0.00    1-HR  ALL
      8TH                     0.09433  17021821        0.09302  18100502
0.09163  19090818        0.08676  20031904        0.09048  21111607
  438340.81000 3709589.72000       0.05585    80.08   207.03     0.00    1-HR  ALL
      8TH                     0.05685  17111717        0.05502  18101118
0.05287  19032819        0.05471  20121917        0.05978  21020218
  438317.99000 3709557.96000       0.05138    78.64   152.70     0.00    1-HR  ALL
      8TH                     0.05287  17031821        0.05074  18090520
0.04873  19102817        0.04960  20051222        0.05498  21091002
  438439.14000 3709565.74000       0.08139    93.68   152.70     0.00    1-HR  ALL
      8TH                     0.08035  17062322        0.07887  18081120
0.08309  19032720        0.08138  20053022        0.08326  21031423
  438450.56000 3709602.75000       0.08411    95.12   145.38     0.00    1-HR  ALL
      8TH                     0.08144  17021823        0.08324  18090405
0.08474  19051419        0.08378  20083123        0.08735  21113017
  438461.98000 3709639.76000       0.08484    94.96   145.38     0.00    1-HR  ALL
      8TH                     0.08173  17090320        0.08538  18101119
0.08405  19072021        0.08464  20102417        0.08840  21051722
  438473.41000 3709676.76000       0.07628    90.23   207.64     0.00    1-HR  ALL
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0.07333  19032819        0.07558  20102417        0.07996  21031420
  438484.83000 3709713.77000       0.06914    86.25   208.62     0.00    1-HR  ALL
      8TH                     0.07010  17110418        0.07041  18080919
0.06597  19121419        0.06415  20042619        0.07506  21092618
  438496.25000 3709750.78000       0.07156    86.87   208.62     0.00    1-HR  ALL
      8TH                     0.07223  17091419        0.07265  18041621
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0.06757  19021722        0.06744  20062101        0.07792  21021119
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0.06724  19022023        0.06587  20062101        0.08027  21031522
  438519.10000 3709824.80000       0.07657    90.64   208.62     0.00    1-HR  ALL
      8TH                     0.07737  17112417        0.07076  18041219
0.07568  19040520        0.07226  20012118        0.08678  21041619
  438530.52000 3709861.81000       0.08528    96.89   208.62     0.00    1-HR  ALL
      8TH                     0.08750  17112417        0.07392  18092224
0.08942  19051901        0.08202  20012118        0.09352  21082219
  438541.94000 3709898.82000       0.08972   100.95   208.62     0.00    1-HR  ALL
      8TH                     0.09266  17072624        0.08384  18030221
0.09480  19071519        0.08209  20032318        0.09520  21080419
  438553.36000 3709935.83000       0.09035   103.86   208.62     0.00    1-HR  ALL
      8TH                     0.09073  17072603        0.08936  18092224
0.08945  19093018        0.08407  20040705        0.09814  21060202
  438564.79000 3709972.83000       0.09101   103.84   208.62     0.00    1-HR  ALL
      8TH                     0.09069  17020718        0.09037  18052520
0.09268  19072920        0.08684  20051120        0.09448  21100819
  438576.21000 3710009.84000       0.08929   106.52   208.62     0.00    1-HR  ALL
      8TH                     0.08888  17071421        0.08962  18082622
0.09172  19090605        0.08390  20040705        0.09234  21092603
  438587.63000 3710046.85000       0.08870   118.65   208.62     0.00    1-HR  ALL
      8TH                     0.08507  17040419        0.09235  18051520
0.09217  19030403        0.08353  20043005        0.09038  21070922
  438599.05000 3710083.86000       0.08261   131.96   201.63     0.00    1-HR  ALL
      8TH                     0.07523  17020408        0.08425  18061306
0.08696  19050519        0.08297  20102517        0.08365  21082821
  438610.47000 3710120.87000       0.07988   137.11   137.11     0.00    1-HR  ALL
      8TH                     0.07684  17072604        0.08175  18012018
0.08062  19082423        0.08064  20051319        0.07957  21110918
  438621.90000 3710157.88000       0.08165   132.78   207.17     0.00    1-HR  ALL
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0.07963  19072302        0.08172  20051120        0.08379  21092603
  438633.32000 3710194.89000       0.08621   121.70   208.62     0.00    1-HR  ALL
      8TH                     0.07999  17082802        0.09149  18071401
0.08641  19052701        0.08784  20032319        0.08532  21060919
  438679.01000 3710342.92000       0.07851   135.94   208.62     0.00    1-HR  ALL
      8TH                     0.08186  17061922        0.07899  18031507
0.07815  19020618        0.07506  20062303        0.07848  21022018
  438690.43000 3710379.93000       0.07809   137.31   208.62     0.00    1-HR  ALL
      8TH                     0.08335  17071901        0.07667  18041120
0.07781  19090818        0.07435  20031904        0.07829  21022018
  438422.02000 3709531.36000       0.07980    92.64   152.70     0.00    1-HR  ALL
      8TH                     0.07938  17040119        0.07791  18072020
0.08049  19032720        0.07972  20120417        0.08149  21120818
  438399.20000 3709499.60000       0.08009    93.28   145.38     0.00    1-HR  ALL
      8TH                     0.08157  17041420        0.07978  18092918
0.07773  19032320        0.07920  20011217        0.08215  21091002
  438520.38000 3709507.49000       0.08760   115.65   136.86     0.00    1-HR  ALL
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0.08795  19032819        0.08769  20061019        0.08961  21120517
  438543.35000 3709581.94000       0.08838   112.31   136.86     0.00    1-HR  ALL
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0.08616  19032819        0.08764  20053120        0.09093  21042421
  438554.84000 3709619.16000       0.08785   107.16   145.38     0.00    1-HR  ALL
      8TH                     0.08671  17080305        0.09002  18032320
0.08269  19072021        0.08920  20030319        0.09061  21031420
  438566.33000 3709656.39000       0.08605   106.07   145.38     0.00    1-HR  ALL
      8TH                     0.08749  17090320        0.08606  18120123
0.07857  19032818        0.08790  20102417        0.09025  21121617
  438577.82000 3709693.61000       0.08707   105.67   152.43     0.00    1-HR  ALL
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0.07920  19091119        0.08706  20032521        0.09190  21093018
  438589.31000 3709730.83000       0.08545   104.23   207.17     0.00    1-HR  ALL
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0.07865  19022023        0.08379  20021021        0.09219  21092707
  438600.80000 3709768.06000       0.08354   101.02   208.62     0.00    1-HR  ALL
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0.07912  19062220        0.08009  20030319        0.09247  21041619
  438612.29000 3709805.28000       0.07884    96.11   208.62     0.00    1-HR  ALL
      8TH                     0.08093  17072624        0.06820  18051320
0.08095  19051901        0.07702  20012118        0.08710  21041619
  438623.78000 3709842.51000       0.07425    92.07   208.62     0.00    1-HR  ALL
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0.07905  19040520        0.06912  20042619        0.08111  21071721
  438635.27000 3709879.73000       0.07648    93.80   208.62     0.00    1-HR  ALL
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0.08109  19093018        0.07079  20040705        0.08294  21120119
  438646.76000 3709916.96000       0.08226    98.99   208.62     0.00    1-HR  ALL
      8TH                     0.08458  17112417        0.07926  18122505
0.08130  19090605        0.07791  20040705        0.08823  21071721
  438658.24000 3709954.18000       0.08668   107.04   208.62     0.00    1-HR  ALL
      8TH                     0.08776  17071421        0.08607  18082622
0.08733  19050119        0.08305  20032919        0.08919  21082720
  438669.73000 3709991.41000       0.08555   111.98   208.62     0.00    1-HR  ALL
      8TH                     0.08550  17022722        0.08628  18082622
0.08584  19071519        0.07959  20051220        0.09056  21062420
  438681.22000 3710028.63000       0.08490   114.49   208.62     0.00    1-HR  ALL
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0.08809  19052004        0.08038  20043005        0.08602  21082821
  438692.71000 3710065.86000       0.08435   119.17   208.62     0.00    1-HR  ALL
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0.08920  19050519        0.08458  20051319        0.08339  21072919
  438704.20000 3710103.08000       0.07920   128.48   208.62     0.00    1-HR  ALL
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  438727.18000 3710177.53000       0.07415   142.22   207.17     0.00    1-HR  ALL
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0.07369  19030223        0.07422  20030521        0.07259  21012424
  438773.13000 3710326.43000       0.07676   131.20   208.62     0.00    1-HR  ALL
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0.07697  19090818        0.07303  20062303        0.07648  21111607
  438784.62000 3710363.65000       0.07314   140.78   208.62     0.00    1-HR  ALL
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0.07306  19090818        0.06999  20031904        0.07346  21022018
  438503.22000 3709473.00000       0.08623   111.91   136.86     0.00    1-HR  ALL
      8TH                      0.08537  17032419        0.08323  18081822
0.08652  19030702        0.08726  20083123        0.08877  21051220
  438480.40000 3709441.24000       0.08606   107.85   136.86     0.00    1-HR  ALL
      8TH                      0.08580  17041420        0.08438  18053120
0.08651  19052005        0.08514  20100919        0.08847  21111518
  437273.32000 3710263.86000       0.16025    63.81   211.60     0.00    1-HR  ALL
      8TH                      0.14098  17020917        0.14706  18021908
0.18634  19042318        0.15761  20101817        0.16928  21020717
  437239.83000 3710241.54000       0.16894    63.33   211.60     0.00    1-HR  ALL
      8TH                      0.15072  17101717        0.17060  18013117
0.18889  19101417        0.18977  20101817        0.14472  21041918
  437317.80000 3710233.42000       0.12629    64.12   211.60     0.00    1-HR  ALL
      8TH                      0.11218  17020917        0.11954  18101417
0.14988  19012817        0.12202  20021417        0.12785  21041618
  437284.31000 3710211.10000       0.13277    63.64   211.60     0.00    1-HR  ALL
      8TH                      0.11772  17101717        0.12110  18013117
0.15355  19020717        0.14451  20101817        0.12694  21040418
  437250.82000 3710188.77000       0.13260    63.25   211.60     0.00    1-HR  ALL
      8TH                      0.12594  17111216        0.12350  18102017
0.14866  19090618        0.15680  20101817        0.10811  21041918
  437358.40000 3710204.24000       0.10381    64.73   211.60     0.00    1-HR  ALL
      8TH                      0.09053  17090518        0.09921  18101417
0.12356  19101417        0.09866  20021417        0.10706  21020517
  437328.79000 3710180.66000       0.10640    63.91   211.60     0.00    1-HR  ALL
      8TH                      0.09307  17101317        0.09337  18101417
0.12531  19020717        0.11099  20082918        0.10924  21020717
  437295.30000 3710158.33000       0.10981    63.61   211.60     0.00    1-HR  ALL
      8TH                      0.09829  17101717        0.10928  18040418
0.12241  19101417        0.12701  20101817        0.09207  21041618
  437386.13000 3710162.64000       0.08816    64.90   211.60     0.00    1-HR  ALL
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0.10441  19042318        0.08384  20021417        0.09071  21041618
  437356.52000 3710139.05000       0.08924    63.94   211.60     0.00    1-HR  ALL
      8TH                      0.07943  17101317        0.07628  18101417
0.10537  19020717        0.09502  20082918        0.09010  21020717
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      8TH                      0.08379  17120117        0.09000  18040418
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0.08964  19042318        0.07191  20021417        0.07799  21041618
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0.08599  19042318        0.06139  20033118        0.08024  21020317
  437384.25000 3710097.45000       0.07604    64.00   211.60     0.00    1-HR  ALL
      8TH                     0.06761  17120117        0.06647  18011217
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  437350.76000 3710075.13000       0.07798    63.44   211.60     0.00    1-HR  ALL
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0.08608  19021117        0.09129  20101817        0.06380  21041618
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0.07753  19042318        0.06224  20021417        0.06741  21020717
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0.07556  19101417        0.05607  20033118        0.06744  21020317
  437411.99000 3710055.85000       0.06627    63.85   211.60     0.00    1-HR  ALL
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0.07731  19020717        0.07171  20082918        0.06338  21041618
  437378.50000 3710033.52000       0.06741    63.24   211.60     0.00    1-HR  ALL
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0.07377  19021117        0.07891  20101817        0.05530  21092118
  437469.33000 3710037.83000       0.05584    63.45   211.60     0.00    1-HR  ALL
      8TH                     0.04908  17020419        0.04998  18021718
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0.06253  19042318        0.04178  20120708        0.06244  21020317
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0.06727  19020717        0.06299  20101317        0.05351  21041918
  437406.23000 3709991.92000       0.05896    62.97   211.60     0.00    1-HR  ALL
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  437522.81000 3710021.07000       0.04980    62.49   211.60     0.00    1-HR  ALL
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0.05971  19042318        0.04663  20021417        0.05177  21020717
  437548.54000 3710045.92000       0.04681    62.76   211.60     0.00    1-HR  ALL
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0.05661  19042318        0.03778  20101217        0.05397  21020317
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      8TH                     0.05057  17021417        0.05047  18010517
0.05580  19082918        0.06070  20101817        0.04362  21040118
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0.05237  19042318        0.04272  20101817        0.04471  21020717
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0.05311  19042318        0.04065  20033118        0.04581  21020717
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0.05008  19042318        0.03357  20013117        0.04795  21020317
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0.05224  19020717        0.04948  20101817        0.04128  21020717
  437461.70000 3709908.71000       0.04636    62.31   211.60     0.00    1-HR  ALL
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0.04946  19020717        0.05388  20101817        0.03842  21012508
  437553.96000 3709914.40000       0.03983    61.53   211.60     0.00    1-HR  ALL
      8TH                     0.03724  17120117        0.03703  18011217
0.04675  19020717        0.03872  20101817        0.03941  21020717
  437582.56000 3709942.01000       0.03945    62.09   211.60     0.00    1-HR  ALL
      8TH                     0.03519  17041318        0.03654  18021718
0.04762  19042318        0.03711  20021417        0.04077  21020717
  437611.16000 3709969.62000       0.03750    62.84   211.60     0.00    1-HR  ALL
      8TH                     0.03389  17042118        0.03541  18010616
0.04496  19101417        0.03100  20013117        0.04223  21121717
  437639.76000 3709997.23000       0.03654    63.19   211.60     0.00    1-HR  ALL
      8TH                     0.03343  17122015        0.03574  18041218
0.03997  19021723        0.03001  20090918        0.04355  21121717
  437522.92000 3709889.43000       0.04095    60.90   211.60     0.00    1-HR  ALL
      8TH                     0.03793  17123117        0.03962  18010517
0.04651  19020717        0.04441  20101817        0.03631  21092118
  437489.43000 3709867.11000       0.04158    61.01   211.60     0.00    1-HR  ALL
      8TH                     0.04127  17123117        0.03970  18010616
0.04400  19020717        0.04817  20101817        0.03476  21041918
  437609.17000 3709830.94000       0.03273    61.63   211.60     0.00    1-HR  ALL
      8TH                     0.03018  17042118        0.03181  18011217
0.03801  19020717        0.03215  20101817        0.03151  21013117
  437637.25000 3709858.05000       0.03271    61.72   211.60     0.00    1-HR  ALL
      8TH                     0.02939  17020419        0.03137  18021919
0.03863  19042318        0.03062  20121817        0.03350  21121718
  437665.33000 3709885.16000       0.03134    60.04   211.60     0.00    1-HR  ALL
      8TH                     0.02759  17020917        0.02991  18101417
0.03813  19101417        0.02659  20013117        0.03449  21041618
  437693.40000 3709912.26000       0.03036    59.74   211.60     0.00    1-HR  ALL
      8TH                     0.02717  17041918        0.02783  18021718
0.03508  19021723        0.02542  20013117        0.03632  21010616
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  437721.48000 3709939.37000       0.02923    61.56   211.60     0.00    1-HR  ALL
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0.03128  19090618        0.02372  20021417        0.03409  21090918
  437578.39000 3709806.23000       0.03369    61.31   211.60     0.00    1-HR  ALL
      8TH                     0.03222  17123117        0.03326  18041718
0.03652  19021723        0.03629  20101817        0.03016  21111017
  437544.90000 3709783.90000       0.03401    60.93   211.60     0.00    1-HR  ALL
      8TH                     0.03363  17101217        0.03292  18021718
0.03539  19020717        0.03911  20101817        0.02901  21011717
  437664.46000 3709747.56000       0.02772    61.28   211.60     0.00    1-HR  ALL
      8TH                     0.02543  17123117        0.02768  18011217
0.03227  19021723        0.02706  20101817        0.02617  21042919
  437692.18000 3709774.32000       0.02778    60.69   211.60     0.00    1-HR  ALL
      8TH                     0.02523  17041518        0.02705  18021919
0.03251  19021723        0.02622  20121817        0.02790  21020617
  437719.89000 3709801.08000       0.02682    58.55   211.60     0.00    1-HR  ALL
      8TH                     0.02380  17041318        0.02627  18021718
0.03202  19021723        0.02309  20013117        0.02893  21041618
  437747.61000 3709827.84000       0.02603    58.69   211.60     0.00    1-HR  ALL
      8TH                     0.02261  17042118        0.02478  18021718
0.03079  19042318        0.02236  20013117        0.02961  21020517
  437775.33000 3709854.60000       0.02476    59.13   211.60     0.00    1-HR  ALL
      8TH                     0.02247  17122015        0.02301  18021718
0.02827  19042318        0.02034  20101317        0.02969  21020317
  437803.05000 3709881.36000       0.02381    57.82   211.60     0.00    1-HR  ALL
      8TH                     0.02240  17122015        0.02454  18101417
0.02393  19090618        0.01994  20121408        0.02826  21101017
  437633.86000 3709723.02000       0.02856    61.12   211.60     0.00    1-HR  ALL
      8TH                     0.02777  17123117        0.02814  18010616
0.03078  19020717        0.03012  20082918        0.02600  21010616
  437600.37000 3709700.69000       0.02861    60.81   211.60     0.00    1-HR  ALL
      8TH                     0.02810  17021020        0.02780  18021418
0.02975  19122116        0.03237  20101817        0.02505  21011717
  437719.79000 3709664.23000       0.02394    60.86   211.60     0.00    1-HR  ALL
      8TH                     0.02231  17123117        0.02420  18010517
0.02721  19040118        0.02305  20101817        0.02292  21092118
  437747.25000 3709690.73000       0.02375    60.90   211.60     0.00    1-HR  ALL
      8TH                     0.02100  17042118        0.02366  18021919
0.02812  19101417        0.02278  20121817        0.02321  21112617
  437774.70000 3709717.24000       0.02320    56.31   211.60     0.00    1-HR  ALL
      8TH                     0.02066  17042118        0.02277  18010616
0.02775  19101417        0.02040  20020717        0.02443  21041618
  437802.15000 3709743.74000       0.02197    52.42   211.60     0.00    1-HR  ALL
      8TH                     0.01967  17042118        0.02086  18101417
0.02651  19042318        0.01850  20012616        0.02429  21041618
  437829.61000 3709770.24000       0.02168    58.37   211.60     0.00    1-HR  ALL
      8TH                     0.01889  17041818        0.02085  18021718
0.02480  19012817        0.01827  20120708        0.02560  21020517
  437857.06000 3709796.75000       0.02071    61.85   211.60     0.00    1-HR  ALL
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0.02254  19042318        0.01728  20020808        0.02472  21090918
  437884.52000 3709823.25000       0.01970    63.68   211.60     0.00    1-HR  ALL
      8TH                     0.01879  17122015        0.02026  18101417
0.01857  19090618        0.01722  20020808        0.02367  21101017
  437689.32000 3709639.81000       0.02404    60.66   211.60     0.00    1-HR  ALL
      8TH                     0.02423  17123117        0.02345  18010616
0.02570  19020717        0.02530  20082918        0.02153  21111118
  437655.83000 3709617.49000       0.02432    60.46   211.60     0.00    1-HR  ALL
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0.02495  19122116        0.02651  20041418        0.02192  21011717
  437776.01000 3709581.74000       0.02067    60.21   211.60     0.00    1-HR  ALL
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0.02241  19020717        0.01978  20101817        0.01998  21121718
  437804.97000 3709609.70000       0.02066    59.97   211.60     0.00    1-HR  ALL
      8TH                     0.01852  17033024        0.02050  18010616
0.02396  19101417        0.02003  20121817        0.02030  21111118
  437833.92000 3709637.65000       0.01999    54.27   211.60     0.00    1-HR  ALL
      8TH                     0.01798  17120117        0.01961  18010616
0.02380  19101417        0.01771  20020717        0.02085  21041618
  437862.88000 3709665.61000       0.01890    57.70   211.60     0.00    1-HR  ALL
      8TH                     0.01687  17042118        0.01790  18010616
0.02274  19042318        0.01591  20120708        0.02109  21112617
  437891.83000 3709693.56000       0.01847    62.50   211.60     0.00    1-HR  ALL
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0.02086  19101417        0.01589  20090918        0.02163  21020517
  437920.79000 3709721.51000       0.01797    63.58   211.60     0.00    1-HR  ALL
      8TH                     0.01628  17020917        0.01739  18021718
0.01967  19042318        0.01507  20020808        0.02143  21020317
  437949.74000 3709749.47000       0.01710    65.25   211.60     0.00    1-HR  ALL
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0.01654  19090618        0.01503  20020808        0.02050  21101017
  437744.79000 3709556.61000       0.02072    60.03   211.60     0.00    1-HR  ALL
      8TH                     0.02137  17123117        0.02001  18090422
0.02176  19020717        0.02149  20082918        0.01895  21012508
  437711.30000 3709534.28000       0.02097    59.90   211.60     0.00    1-HR  ALL
      8TH                     0.02136  17123018        0.02099  18042018
0.02129  19122116        0.02183  20041418        0.01939  21011717
  437831.30000 3709498.36000       0.01790    56.95   211.60     0.00    1-HR  ALL
      8TH                     0.01754  17123117        0.01803  18021919
0.01926  19020717        0.01721  20101817        0.01746  21121718
  437859.90000 3709525.97000       0.01816    55.14   211.60     0.00    1-HR  ALL
      8TH                     0.01658  17033024        0.01804  18011217
0.02062  19101417        0.01760  20121817        0.01794  21111118
  437888.50000 3709553.58000       0.01749    52.05   211.60     0.00    1-HR  ALL
      8TH                     0.01568  17033024        0.01726  18010616
0.02066  19101417        0.01594  20013117        0.01789  21111017
  437917.09000 3709581.19000       0.01678    60.55   211.60     0.00    1-HR  ALL
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0.01996  19101417        0.01402  20120708        0.01894  21112617
  437945.69000 3709608.80000       0.01630    63.16   211.60     0.00    1-HR  ALL
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0.01794  19042318        0.01334  20111917        0.01903  21020517
  438002.88000 3709664.02000       0.01517    66.62   211.60     0.00    1-HR  ALL
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0.01537  19012717        0.01326  20020808        0.01840  21112617
  438031.48000 3709691.63000       0.01468    67.82   211.60     0.00    1-HR  ALL
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0.01360  19040407        0.01322  20020808        0.01776  21112617
  437800.26000 3709473.40000       0.01815    56.73   211.60     0.00    1-HR  ALL
      8TH                     0.01894  17123117        0.01784  18090422
0.01865  19020717        0.01845  20082918        0.01688  21012508
  437766.77000 3709451.07000       0.01828    56.43   211.60     0.00    1-HR  ALL
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0.01851  19082918        0.01821  20111418        0.01726  21011717
  437886.62000 3709415.02000       0.01577    52.62   211.60     0.00    1-HR  ALL
      8TH                     0.01567  17123117        0.01605  18021919
0.01671  19020717        0.01508  20101817        0.01535  21121718
  437914.94000 3709442.35000       0.01625    55.82   211.60     0.00    1-HR  ALL
      8TH                     0.01507  17033024        0.01642  18011217
0.01785  19101417        0.01574  20121817        0.01616  21112617
  437943.25000 3709469.69000       0.01569    59.33   211.60     0.00    1-HR  ALL
      8TH                     0.01447  17033024        0.01532  18010517
0.01798  19101417        0.01443  20013117        0.01623  21040418
  437971.56000 3709497.02000       0.01498    61.55   211.60     0.00    1-HR  ALL
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0.01760  19101417        0.01245  20120708        0.01663  21122216
  437999.87000 3709524.35000       0.01458    63.34   211.60     0.00    1-HR  ALL
      8TH                     0.01283  17033024        0.01314  18010616
0.01718  19042318        0.01255  20021417        0.01720  21112617
  438028.18000 3709551.68000       0.01404    67.07   211.60     0.00    1-HR  ALL
      8TH                     0.01223  17111808        0.01334  18101417
0.01548  19101417        0.01203  20111917        0.01714  21112617
  438056.49000 3709579.02000       0.01392    67.48   211.60     0.00    1-HR  ALL
      8TH                     0.01256  17122015        0.01338  18101417
0.01498  19012717        0.01197  20111917        0.01670  21090918
  438084.80000 3709606.35000       0.01341    68.82   211.60     0.00    1-HR  ALL
      8TH                     0.01217  17041918        0.01319  18101417
0.01246  19041818        0.01246  20120708        0.01680  21020517
  438113.12000 3709633.68000       0.01459    70.13   211.60     0.00    1-HR  ALL
      8TH                     0.01249  17041219        0.01522  18103017
0.01308  19020617        0.01402  20120217        0.01811  21101123
  437855.72000 3709390.19000       0.01586    50.13   211.60     0.00    1-HR  ALL
      8TH                     0.01612  17101217        0.01592  18090422
0.01616  19020717        0.01603  20101317        0.01508  21012508
  437822.23000 3709367.87000       0.01610    48.61   211.60     0.00    1-HR  ALL
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0.01622  19122116        0.01613  20111418        0.01509  21090918
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  437970.05000 3709358.81000       0.01452    59.38   211.60     0.00    1-HR  ALL
      8TH                     0.01382  17033024        0.01506  18011217
0.01512  19040118        0.01396  20101317        0.01463  21111118
  437998.13000 3709385.91000       0.01421    59.82   211.60     0.00    1-HR  ALL
      8TH                     0.01327  17033024        0.01406  18010517
0.01578  19101417        0.01307  20013117        0.01485  21011417
  438026.21000 3709413.02000       0.01349    61.29   211.60     0.00    1-HR  ALL
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0.01560  19101417        0.01136  20101117        0.01479  21111017
  438054.28000 3709440.13000       0.01320    66.78   211.60     0.00    1-HR  ALL
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0.01543  19042318        0.01123  20021417        0.01564  21112617
  438082.36000 3709467.23000       0.01264    67.74   211.60     0.00    1-HR  ALL
      8TH                     0.01095  17111808        0.01158  18101417
0.01410  19101417        0.01090  20111917        0.01565  21112617
  438110.44000 3709494.34000       0.01254    67.65   211.60     0.00    1-HR  ALL
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0.01390  19012817        0.01090  20111917        0.01522  21010616
  438138.52000 3709521.45000       0.01216    69.19   211.60     0.00    1-HR  ALL
      8TH                     0.01093  17111808        0.01169  18101417
0.01162  19012717        0.01117  20120708        0.01540  21101123
  438166.59000 3709548.55000       0.01496    70.40   211.60     0.00    1-HR  ALL
      8TH                     0.01344  17040919        0.01515  18041418
0.01413  19022718        0.01386  20012616        0.01821  21111118
  438194.67000 3709575.66000       0.02010    71.60   211.60     0.00    1-HR  ALL
      8TH                     0.01935  17080320        0.01948  18051619
0.01820  19090619        0.02093  20111917        0.02253  21022318
  437911.19000 3709306.98000       0.01423    57.59   211.60     0.00    1-HR  ALL
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0.01404  19020717        0.01422  20111418        0.01359  21111118
  437877.70000 3709284.66000       0.01457    57.78   211.60     0.00    1-HR  ALL
      8TH                     0.01507  17092418        0.01471  18021418
0.01437  19122116        0.01486  20111418        0.01383  21101124
  437997.34000 3709248.40000       0.01276    58.25   211.60     0.00    1-HR  ALL
      8TH                     0.01310  17123117        0.01313  18090422
0.01278  19020717        0.01237  20111418        0.01243  21121718
  438025.23000 3709275.32000       0.01302    58.56   211.60     0.00    1-HR  ALL
      8TH                     0.01268  17033024        0.01372  18021919
0.01302  19020717        0.01240  20101317        0.01326  21112617
  438053.11000 3709302.24000       0.01294    61.49   211.60     0.00    1-HR  ALL
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0.01397  19101417        0.01191  20013117        0.01364  21040118
  438080.99000 3709329.15000       0.01226    65.40   211.60     0.00    1-HR  ALL
      8TH                     0.01169  17033024        0.01212  18010517
0.01390  19101417        0.01039  20101117        0.01322  21040418
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      8TH                     0.01093  17040418        0.01129  18090422
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0.01315  19102017        0.00992  20111917        0.01433  21112617
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0.01193  19101417        0.00995  20111917        0.01410  21010616
  438192.52000 3709436.83000       0.01122    69.16   211.60     0.00    1-HR  ALL
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0.01138  19012717        0.01008  20120708        0.01418  21101123
  438220.40000 3709463.75000       0.01253    70.19   211.60     0.00    1-HR  ALL
      8TH                     0.01081  17013017        0.01324  18103017
0.01111  19121117        0.01145  20121917        0.01601  21011317
  438248.29000 3709490.67000       0.01886    71.77   211.60     0.00    1-HR  ALL
      8TH                     0.01800  17101218        0.01861  18051619
0.01760  19100518        0.01916  20120417        0.02093  21052419
  438276.17000 3709517.58000       0.03161    73.14   153.32     0.00    1-HR  ALL
      8TH                     0.03230  17091019        0.03189  18051619
0.02851  19022718        0.02938  20111917        0.03595  21090419
  437966.66000 3709223.78000       0.01284    58.18   211.60     0.00    1-HR  ALL
      8TH                     0.01335  17033024        0.01342  18090422
0.01232  19020717        0.01269  20101817        0.01242  21101124
  437933.17000 3709201.45000       0.01319    57.65   211.60     0.00    1-HR  ALL
      8TH                     0.01373  17092418        0.01327  18021418
0.01290  19122116        0.01340  20101817        0.01264  21101124
  438053.28000 3709165.65000       0.01165    59.59   211.60     0.00    1-HR  ALL
      8TH                     0.01202  17033024        0.01210  18090422
0.01151  19012518        0.01120  20121817        0.01143  21011717
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0.01157  19020717        0.01105  20101317        0.01209  21121718
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0.01248  19101417        0.01076  20101317        0.01227  21042919
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0.01251  19101417        0.00964  20071819        0.01205  21042919
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      8TH                     0.00991  17120117        0.01038  18090422
0.01256  19042318        0.00930  20011517        0.01236  21111017
  438197.41000 3709304.80000       0.01064    66.37   211.60     0.00    1-HR  ALL
      8TH                     0.00932  17090519        0.00974  18090422
0.01203  19102017        0.00908  20111917        0.01300  21020617
  438226.24000 3709332.63000       0.01019    66.97   211.60     0.00    1-HR  ALL
      8TH                     0.00888  17033024        0.00921  18093024
0.01085  19101417        0.00913  20111917        0.01289  21010616
  438255.07000 3709360.46000       0.01026    69.20   211.60     0.00    1-HR  ALL
      8TH                     0.00895  17111808        0.00970  18103017
0.01043  19012717        0.00915  20120708        0.01306  21101123
  438283.89000 3709388.28000       0.01296    70.64   210.04     0.00    1-HR  ALL
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      8TH                     0.01147  17091019        0.01334  18022701
0.01225  19010917        0.01172  20111217        0.01602  21111118
  438312.72000 3709416.11000       0.02936    72.95   153.32     0.00    1-HR  ALL
      8TH                     0.02883  17091319        0.02997  18090519
0.02700  19090619        0.02844  20111917        0.03257  21121718
  438341.55000 3709443.94000       0.06020    82.92   152.70     0.00    1-HR  ALL
      8TH                     0.06232  17052321        0.06028  18052504
0.05870  19030702        0.05825  20082320        0.06144  21121817
  438370.37000 3709471.77000       0.07904    92.41   145.38     0.00    1-HR  ALL
      8TH                     0.08079  17021823        0.07875  18082621
0.07621  19052621        0.07864  20102321        0.08081  21072720
  438022.13000 3709140.57000       0.01167    58.79   211.60     0.00    1-HR  ALL
      8TH                     0.01228  17033024        0.01235  18090422
0.01092  19020717        0.01138  20030518        0.01143  21101124
  437988.64000 3709118.25000       0.01192    57.79   211.60     0.00    1-HR  ALL
      8TH                     0.01258  17092418        0.01204  18021418
0.01165  19033118        0.01193  20101817        0.01142  21013117
  438108.64000 3709082.33000       0.01070    59.59   211.60     0.00    1-HR  ALL
      8TH                     0.01105  17123117        0.01118  18021919
0.01045  19101417        0.01024  20121817        0.01056  21011717
  438137.23000 3709109.94000       0.01063    63.19   211.60     0.00    1-HR  ALL
      8TH                     0.01084  17033024        0.01095  18040418
0.01036  19020717        0.01000  20111418        0.01098  21121718
  438165.83000 3709137.55000       0.01066    66.71   211.60     0.00    1-HR  ALL
      8TH                     0.01048  17033024        0.01110  18011217
0.01085  19040118        0.00970  20101317        0.01118  21092118
  438194.43000 3709165.16000       0.01033    66.68   211.60     0.00    1-HR  ALL
      8TH                     0.01004  17033024        0.01038  18010517
0.01132  19101417        0.00885  20111418        0.01105  21042919
  438223.03000 3709192.77000       0.01002    64.71   211.60     0.00    1-HR  ALL
      8TH                     0.00927  17120117        0.00968  18090422
0.01137  19042318        0.00860  20053019        0.01118  21101123
  438251.62000 3709220.37000       0.00977    64.46   211.60     0.00    1-HR  ALL
      8TH                     0.00865  17122517        0.00914  18090422
0.01132  19042318        0.00832  20111917        0.01139  21101123
  438280.22000 3709247.98000       0.00944    65.24   211.60     0.00    1-HR  ALL
      8TH                     0.00817  17111808        0.00860  18093024
0.01012  19101417        0.00835  20120708        0.01194  21010616
  438308.82000 3709275.59000       0.00917    67.50   153.32     0.00    1-HR  ALL
      8TH                     0.00806  17071906        0.00831  18093024
0.00957  19012817        0.00835  20120708        0.01156  21101123
  438337.42000 3709303.20000       0.01193    70.41   153.32     0.00    1-HR  ALL
      8TH                     0.01059  17060919        0.01242  18022701
0.01091  19121117        0.01105  20111217        0.01467  21011317
  438366.01000 3709330.81000       0.05917    83.90   153.32     0.00    1-HR  ALL
      8TH                     0.06062  17052321        0.05897  18100324
0.05988  19032519        0.05768  20053020        0.05869  21070921
  438394.61000 3709358.42000       0.08076    96.25   136.86     0.00    1-HR  ALL
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0.07717  19091219        0.08073  20042519        0.08054  21073022
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  438423.21000 3709386.03000       0.08551   104.18   136.86     0.00    1-HR  ALL
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0.08166  19040521        0.08741  20041819        0.08596  21090721
  438451.80000 3709413.64000       0.08555   105.81   136.86     0.00    1-HR  ALL
      8TH                     0.08681  17020218        0.08432  18070421
0.08419  19052005        0.08608  20021518        0.08636  21111518
  438077.59000 3709057.36000       0.01059    57.17   211.60     0.00    1-HR  ALL
      8TH                     0.01120  17123018        0.01112  18041418
0.00979  19101417        0.01047  20030518        0.01036  21111118
  438044.10000 3709035.04000       0.01083    58.08   211.60     0.00    1-HR  ALL
      8TH                     0.01158  17092418        0.01098  18021418
0.01041  19033118        0.01089  20030518        0.01028  21013117
  437216.54000 3710215.91000       0.15713    62.98   211.60     0.00    1-HR  ALL
      8TH                     0.14968  17020316        0.15753  18090307
0.17505  19122116        0.18199  20041318        0.12139  21020717
  437560.19000 3710008.56000       0.04446    62.60   211.60     0.00    1-HR  ALL
      8TH                     0.03977  17041718        0.04285  18010616
0.05337  19101417        0.03826  20012616        0.04806  21041618
  437925.03000 3709745.14000       0.01773    64.05   211.60     0.00    1-HR  ALL
      8TH                     0.01609  17020917        0.01766  18041218
0.01826  19012717        0.01553  20110822        0.02113  21101017
  438006.11000 3709686.60000       0.01518    66.85   211.60     0.00    1-HR  ALL
      8TH                     0.01396  17111808        0.01542  18101417
0.01444  19020617        0.01371  20013117        0.01839  21112617
  437280.77000 3710233.20000       0.14327    63.69   211.60     0.00    1-HR  ALL
      8TH                     0.12566  17101717        0.12531  18101417
0.16664  19020717        0.15260  20101317        0.14616  21020717
  437322.73000 3710276.31000       0.13324    64.63   211.60     0.00    1-HR  ALL
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0.15351  19042318        0.11695  20101117        0.14522  21020517
  437378.59000 3710253.95000       0.10140    66.27   211.60     0.00    1-HR  ALL
      8TH                     0.09693  17041718        0.10144  18021908
0.11186  19102017        0.08117  20112816        0.11558  21020517
  437430.98000 3710247.96000       0.08044    69.55   211.60     0.00    1-HR  ALL
      8TH                     0.07870  17041718        0.08258  18042718
0.08030  19012717        0.06808  20120708        0.09252  21012518
  437616.20000 3710338.58000       0.04456    65.11   211.60     0.00    1-HR  ALL
      8TH                     0.04377  17052106        0.04322  18033107
0.04513  19012908        0.04461  20121108        0.04606  21021117
  437665.11000 3710348.96000       0.03982    64.52   211.60     0.00    1-HR  ALL
      8TH                     0.03917  17032107        0.03882  18033107
0.04054  19012908        0.04008  20121108        0.04047  21021117
  437762.93000 3710369.71000       0.03222    64.24   211.60     0.00    1-HR  ALL
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0.03261  19052406        0.03280  20121108        0.03204  21013008
  437860.76000 3710390.47000       0.02687    65.63   211.60     0.00    1-HR  ALL
      8TH                     0.02656  17051306        0.02645  18033107
0.02734  19061006        0.02731  20121108        0.02667  21013008
  437867.70000 3710357.73000       0.02606    66.28   211.60     0.00    1-HR  ALL
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0.02641  19052406        0.02656  20121108        0.02577  21070206
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0.02294  19052406        0.02303  20052106        0.02254  21013008
  437965.53000 3710378.48000       0.02214    66.89   211.60     0.00    1-HR  ALL
      8TH                     0.02185  17072306        0.02184  18033107
0.02242  19052406        0.02255  20121108        0.02203  21013008
  438056.40000 3710431.98000       0.01938    65.00   208.62     0.00    1-HR  ALL
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0.01964  19052406        0.01971  20052106        0.01929  21013008
  437265.29000 3710160.30000       0.11627    63.34   211.60     0.00    1-HR  ALL
      8TH                     0.11209  17111216        0.10821  18010616
0.13022  19122116        0.13842  20101817        0.09242  21020717
  437512.30000 3710332.18000       0.05947    66.05   211.60     0.00    1-HR  ALL
      8TH                     0.05736  17110316        0.05671  18122508
0.06107  19040407        0.05888  20032807        0.06331  21120316
  437555.45000 3710357.43000       0.05374    65.49   211.60     0.00    1-HR  ALL
      8TH                     0.05305  17051106        0.05150  18033107
0.05484  19072206        0.05316  20121108        0.05616  21070806
  437567.36000 3710337.09000       0.05094    65.45   211.60     0.00    1-HR  ALL
      8TH                     0.05024  17110316        0.04918  18122508
0.05197  19072206        0.05060  20042118        0.05270  21021117
  437617.94000 3710448.63000       0.04758    65.33   211.60     0.00    1-HR  ALL
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0.04841  19061006        0.04836  20121108        0.04724  21013008
  437704.25000 3710499.15000       0.03901    65.89   211.60     0.00    1-HR  ALL
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0.03974  19061006        0.03961  20052106        0.03877  21013008
  437716.15000 3710478.80000       0.03762    65.71   211.60     0.00    1-HR  ALL
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0.03812  19052406        0.03826  20052106        0.03745  21013008
  437814.36000 3710508.97000       0.03057    66.40   211.60     0.00    1-HR  ALL
      8TH                     0.03015  17072306        0.03014  18033107
0.03115  19061006        0.03105  20052106        0.03039  21013008
  437826.27000 3710488.63000       0.02966    66.25   211.60     0.00    1-HR  ALL
      8TH                     0.02929  17072306        0.02927  18033107
0.03005  19052406        0.03016  20052106        0.02952  21013008
  437888.76000 3710579.83000       0.02652    67.01   207.17     0.00    1-HR  ALL
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0.02704  19061006        0.02695  20052106        0.02618  21121608
  437900.67000 3710559.49000       0.02582    66.85   207.64     0.00    1-HR  ALL
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0.02623  19052406        0.02606  20072006        0.02557  21121608
  437912.58000 3710539.14000       0.02518    66.54   208.62     0.00    1-HR  ALL
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0.02561  19052406        0.02544  20072006        0.02497  21121608
  437998.88000 3710589.66000       0.02171    68.89   208.62     0.00    1-HR  ALL
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0.02201  19052406        0.02209  20052106        0.02146  21121608
  438073.28000 3710660.51000       0.01922    68.09   208.62     0.00    1-HR  ALL
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0.01942  19012908        0.01916  20052106        0.01847  21062106
  437259.86000 3710108.07000       0.09529    63.09   211.60     0.00    1-HR  ALL
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0.10947  19101517        0.11082  20041318        0.07202  21110124
  437229.34000 3710080.35000       0.08623    62.69   211.60     0.00    1-HR  ALL
      8TH                     0.08999  17020817        0.08878  18020817
0.09135  19090418        0.09453  20013118        0.06648  21092118
  437209.69000 3710067.85000       0.08183    61.95   211.60     0.00    1-HR  ALL
      8TH                     0.08942  17020817        0.09024  18020817
0.08356  19030117        0.08388  20041318        0.06205  21012508
  437190.05000 3710055.35000       0.07836    58.53   211.60     0.00    1-HR  ALL
      8TH                     0.08881  17121417        0.08531  18013117
0.08028  19040922        0.07888  20020717        0.05854  21051308
  437170.40000 3710042.85000       0.07206    53.66   211.60     0.00    1-HR  ALL
      8TH                     0.08385  17021020        0.08172  18013017
0.06978  19033118        0.06753  20030222        0.05741  21051308
  437150.75000 3710030.35000       0.06735    50.08   211.60     0.00    1-HR  ALL
      8TH                     0.07378  17121623        0.08042  18020318
0.06813  19051904        0.05949  20082918        0.05494  21061106
  437286.71000 3710065.89000       0.08167    63.04   211.60     0.00    1-HR  ALL
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  437308.46000 3710096.32000       0.08715    63.35   211.60     0.00    1-HR  ALL
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0.09772  19101517        0.10355  20041418        0.06929  21092118
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      8TH                     0.07603  17101417        0.07632  18020817
0.07419  19122705        0.07112  20101117        0.05510  21092118
  437216.89000 3710013.17000       0.06786    61.43   211.60     0.00    1-HR  ALL
      8TH                     0.07654  17020317        0.07586  18020817
0.06849  19123021        0.06745  20082718        0.05095  21012508
  437197.24000 3710000.67000       0.06493    57.80   211.60     0.00    1-HR  ALL
      8TH                     0.07646  17111216        0.07252  18020817
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0.05695  19051904        0.05446  20073020        0.04905  21111217
  437315.72000 3710026.75000       0.07133    62.89   211.60     0.00    1-HR  ALL
      8TH                     0.07126  17123117        0.06811  18010517
0.08069  19040718        0.08078  20041318        0.05581  21042919
  437358.13000 3710166.40000       0.09439    64.23   211.60     0.00    1-HR  ALL
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0.11236  19042318        0.09254  20101817        0.09902  21013117
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  437263.38000 3709983.49000       0.06209    62.24   211.60     0.00    1-HR  ALL
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0.06476  19122705        0.06436  20101117        0.04957  21092118
  437243.73000 3709970.98000       0.05827    61.94   211.60     0.00    1-HR  ALL
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0.05786  19123021        0.05755  20041318        0.04630  21012508
  437224.09000 3709958.48000       0.05755    60.83   211.60     0.00    1-HR  ALL
      8TH                     0.06801  17020317        0.06418  18020817
0.05769  19101617        0.05434  20020717        0.04352  21061106
  437204.44000 3709945.98000       0.05441    56.24   211.60     0.00    1-HR  ALL
      8TH                     0.06356  17022717        0.06183  18050520
0.05209  19033118        0.05121  20020117        0.04339  21110124
  437341.95000 3709983.70000       0.06263    62.55   211.60     0.00    1-HR  ALL
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0.06993  19040718        0.06975  20041318        0.04931  21110124
  437407.20000 3710151.47000       0.08113    65.02   211.60     0.00    1-HR  ALL
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0.09644  19042318        0.07669  20021417        0.08423  21041618
  437400.97000 3710193.77000       0.08683    65.29   211.60     0.00    1-HR  ALL
      8TH                     0.07898  17041918        0.08105  18010616
0.10261  19042318        0.07387  20033118        0.09764  21020517
  437309.87000 3709953.81000       0.05805    62.42   211.60     0.00    1-HR  ALL
      8TH                     0.06224  17123117        0.05762  18010517
0.06070  19121916        0.06255  20041318        0.04714  21012508
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      8TH                     0.06044  17120117        0.05600  18011217
0.05765  19040923        0.05764  20041318        0.04491  21092118
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0.05369  19102017        0.05183  20041318        0.04217  21092118
  437250.93000 3709916.30000       0.05036    61.12   211.60     0.00    1-HR  ALL
      8TH                     0.05461  17120117        0.05664  18020817
0.05151  19040718        0.04994  20082718        0.03912  21012508
  437231.29000 3709903.80000       0.04918    57.55   211.60     0.00    1-HR  ALL
      8TH                     0.05665  17111216        0.05559  18050520
0.04953  19121916        0.04632  20121918        0.03781  21061106
  437368.45000 3709941.03000       0.05516    62.23   211.60     0.00    1-HR  ALL
      8TH                     0.05634  17020419        0.05316  18020117
0.06116  19040718        0.06090  20041318        0.04425  21110124
  437440.96000 3710042.47000       0.06030    63.56   211.60     0.00    1-HR  ALL
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0.07132  19020717        0.06197  20101817        0.06062  21041618
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      8TH                     0.05622  17123117        0.05222  18010517
0.05377  19012717        0.05584  20101817        0.04262  21012508
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      8TH                     0.05373  17121417        0.05054  18010517
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0.05203  19040923        0.05148  20041318        0.04086  21012508
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0.04544  19123021        0.04524  20121918        0.03618  21012508
  437258.13000 3709861.61000       0.04397    60.06   211.60     0.00    1-HR  ALL
      8TH                     0.04938  17020317        0.05027  18050520
0.04317  19101617        0.04317  20121918        0.03387  21061106
  437396.26000 3709900.20000       0.04926    62.00   211.60     0.00    1-HR  ALL
      8TH                     0.05104  17021417        0.04741  18020117
0.05394  19101917        0.05384  20041318        0.04007  21110124
  437474.58000 3710009.75000       0.05323    63.18   211.60     0.00    1-HR  ALL
      8TH                     0.04817  17120117        0.04769  18011217
0.06286  19020717        0.05320  20101817        0.05425  21041618
  437507.20000 3710108.94000       0.05642    63.83   211.60     0.00    1-HR  ALL
      8TH                     0.05160  17122015        0.05383  18041218
0.06564  19042318        0.04442  20120708        0.06663  21020517
  437497.39000 3710175.55000       0.06031    68.17   211.60     0.00    1-HR  ALL
      8TH                     0.05813  17122015        0.06065  18042718
0.06322  19021722        0.04919  20021417        0.07033  21040118
  437363.56000 3709869.44000       0.04710    61.54   211.60     0.00    1-HR  ALL
      8TH                     0.05112  17123117        0.04763  18010517
0.04869  19012717        0.05018  20101817        0.03785  21121721
  437343.91000 3709856.94000       0.04488    61.45   211.60     0.00    1-HR  ALL
      8TH                     0.04808  17040418        0.04629  18010517
0.04645  19121916        0.04621  20041318        0.03737  21012508
  437324.26000 3709844.44000       0.04355    61.33   211.60     0.00    1-HR  ALL
      8TH                     0.04876  17120117        0.04520  18122218
0.04573  19121916        0.04246  20041318        0.03559  21012508
  437304.62000 3709831.93000       0.04136    61.17   211.60     0.00    1-HR  ALL
      8TH                     0.04671  17120117        0.04477  18122218
0.04015  19111117        0.04162  20121918        0.03352  21092118
  437284.97000 3709819.43000       0.03972    61.00   211.60     0.00    1-HR  ALL
      8TH                     0.04430  17120117        0.04532  18050520
0.03914  19040718        0.03858  20073020        0.03126  21092118
  437422.74000 3709857.51000       0.04400    61.72   211.60     0.00    1-HR  ALL
      8TH                     0.04518  17040518        0.04252  18050519
0.04806  19082918        0.04776  20041318        0.03646  21110124
  437498.88000 3709964.02000       0.04765    62.15   211.60     0.00    1-HR  ALL
      8TH                     0.04414  17020419        0.04373  18021718
0.05561  19020717        0.04852  20101817        0.04622  21122216
  437559.16000 3710074.36000       0.04716    63.37   211.60     0.00    1-HR  ALL
      8TH                     0.04390  17020417        0.04716  18041218
0.05155  19101417        0.03829  20120708        0.05487  21010616
  437533.74000 3710247.07000       0.05368    67.09   211.60     0.00    1-HR  ALL
      8TH                     0.05086  17071906        0.04926  18120708
0.05405  19122116        0.04982  20020808        0.06442  21040818
  437390.40000 3709827.26000       0.04262    61.32   211.60     0.00    1-HR  ALL
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      8TH                     0.04670  17022120        0.04233  18050519
0.04428  19012717        0.04533  20101817        0.03446  21042919
  437370.75000 3709814.75000       0.04093    61.20   211.60     0.00    1-HR  ALL
      8TH                     0.04457  17040418        0.04261  18010517
0.04144  19122704        0.04168  20041318        0.03435  21012508
  437351.11000 3709802.25000       0.03987    61.06   211.60     0.00    1-HR  ALL
      8TH                     0.04463  17121417        0.04129  18050519
0.04194  19122705        0.03862  20041318        0.03288  21012508
  437331.46000 3709789.75000       0.03824    60.90   211.60     0.00    1-HR  ALL
      8TH                     0.04337  17120117        0.04124  18042018
0.03699  19012518        0.03843  20121918        0.03116  21012508
  437311.82000 3709777.25000       0.03708    60.76   211.60     0.00    1-HR  ALL
      8TH                     0.04138  17120117        0.04083  18010117
0.03678  19123021        0.03720  20121918        0.02923  21012508
  437450.28000 3709816.30000       0.03957    61.48   211.60     0.00    1-HR  ALL
      8TH                     0.04003  17040518        0.03836  18102017
0.04332  19082918        0.04276  20041318        0.03340  21110124
  437463.67000 3709835.03000       0.04035    61.57   211.60     0.00    1-HR  ALL
      8TH                     0.04133  17010316        0.03880  18050519
0.04437  19101517        0.04376  20041318        0.03349  21011717
  437530.61000 3709928.66000       0.04261    61.06   211.60     0.00    1-HR  ALL
      8TH                     0.03955  17042118        0.03965  18011217
0.04975  19020717        0.04274  20101817        0.04137  21122216
  437594.17000 3710154.89000       0.04333    67.05   211.60     0.00    1-HR  ALL
      8TH                     0.04134  17041718        0.04290  18040418
0.03946  19040407        0.03835  20020808        0.05462  21041718
  437580.77000 3710245.99000       0.04624    65.85   211.60     0.00    1-HR  ALL
      8TH                     0.04357  17051106        0.04291  18032007
0.04504  19072206        0.04451  20121408        0.05516  21020217
  437436.89000 3709797.58000       0.03931    61.38   211.60     0.00    1-HR  ALL
      8TH                     0.04065  17022120        0.03876  18050519
0.04260  19101517        0.04165  20013118        0.03288  21042919
  437417.24000 3709785.07000       0.03887    61.20   211.60     0.00    1-HR  ALL
      8TH                     0.04210  17111216        0.03889  18050519
0.04042  19012717        0.04112  20101817        0.03180  21042919
  437397.60000 3709772.57000       0.03767    61.03   211.60     0.00    1-HR  ALL
      8TH                     0.04141  17040418        0.03941  18010517
0.03787  19122704        0.03793  20101817        0.03173  21012508
  437377.95000 3709760.07000       0.03661    60.82   211.60     0.00    1-HR  ALL
      8TH                     0.04041  17121417        0.03820  18010517
0.03814  19122704        0.03583  20101117        0.03049  21012508
  437358.31000 3709747.57000       0.03517    60.62   211.60     0.00    1-HR  ALL
      8TH                     0.04040  17120117        0.03772  18021922
0.03437  19012518        0.03432  20021019        0.02904  21012508
  437338.66000 3709735.07000       0.03433    60.40   211.60     0.00    1-HR  ALL
      8TH                     0.03873  17120117        0.03743  18122218
0.03347  19111117        0.03461  20121918        0.02740  21012508
  437476.79000 3709773.65000       0.03559    60.57   211.60     0.00    1-HR  ALL
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0.03915  19082918        0.03843  20041318        0.02996  21020117
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  437502.89000 3709810.17000       0.03715    60.53   211.60     0.00    1-HR  ALL
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0.04050  19082918        0.03959  20041318        0.03107  21111017
  437529.00000 3709846.68000       0.03819    61.10   211.60     0.00    1-HR  ALL
       8TH                     0.03702  17123117        0.03803  18042018
0.03977  19033118        0.04280  20101817        0.03329  21041918
  437555.11000 3709883.20000       0.03835    61.80   211.60     0.00    1-HR  ALL
       8TH                     0.03517  17042118        0.03684  18021718
0.04444  19020717        0.03925  20101817        0.03604  21041918
  437656.26000 3710051.47000       0.03504    64.47   211.60     0.00    1-HR  ALL
       8TH                     0.03377  17122015        0.03567  18042718
0.03303  19041818        0.02986  20121408        0.04286  21041718
  437444.09000 3709742.89000       0.03569    60.83   211.60     0.00    1-HR  ALL
       8TH                     0.03863  17020419        0.03587  18050519
0.03704  19012717        0.03747  20101817        0.02946  21042919
  437424.44000 3709730.39000       0.03451    60.85   211.60     0.00    1-HR  ALL
       8TH                     0.03856  17040418        0.03578  18050519
0.03477  19122704        0.03479  20101817        0.02868  21121721
  437404.80000 3709717.89000       0.03388    60.64   211.60     0.00    1-HR  ALL
       8TH                     0.03702  17020419        0.03558  18010517
0.03511  19122704        0.03332  20101117        0.02838  21012508
  437385.15000 3709705.38000       0.03265    60.41   211.60     0.00    1-HR  ALL
       8TH                     0.03773  17120117        0.03473  18050519
0.03234  19121916        0.03129  20111418        0.02715  21012508
  437365.50000 3709692.88000       0.03204    60.10   211.60     0.00    1-HR  ALL
       8TH                     0.03633  17120117        0.03470  18122218
0.03116  19111117        0.03228  20121918        0.02574  21012508
  437503.38000 3709731.11000       0.03248    60.09   211.60     0.00    1-HR  ALL
       8TH                     0.03353  17090519        0.03138  18122017
0.03555  19082918        0.03471  20041318        0.02724  21101124
  437528.97000 3709766.91000       0.03394    60.57   211.60     0.00    1-HR  ALL
       8TH                     0.03468  17021020        0.03405  18021418
0.03668  19082918        0.03566  20041318        0.02863  21111017
  437580.16000 3709838.51000       0.03474    61.75   211.60     0.00    1-HR  ALL
       8TH                     0.03203  17123117        0.03406  18021718
0.03987  19020717        0.03602  20101817        0.03171  21121718
  437605.75000 3709874.31000       0.03470    62.16   211.60     0.00    1-HR  ALL
       8TH                     0.03220  17020419        0.03296  18021919
0.04101  19042318        0.03262  20021417        0.03472  21121718
  437631.35000 3709910.11000       0.03431    62.37   211.60     0.00    1-HR  ALL
       8TH                     0.03049  17090518        0.03249  18021718
0.04185  19042318        0.02966  20020717        0.03703  21121717
  437656.94000 3709945.91000       0.03341    61.92   211.60     0.00    1-HR  ALL
       8TH                     0.03005  17041918        0.03050  18021718
0.03924  19102017        0.02778  20013117        0.03946  21121717
  437682.54000 3709981.71000       0.03249    62.51   211.60     0.00    1-HR  ALL
       8TH                     0.03040  17122015        0.03327  18021908
0.03451  19090618        0.02630  20020808        0.03799  21101017
  437692.11000 3710126.37000       0.03282    65.18   211.60     0.00    1-HR  ALL
       8TH                     0.03148  17070706        0.03059  18120708
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0.03179  19122116        0.03086  20121408        0.03939  21040418
  437679.29000 3710213.44000       0.03568    65.23   211.60     0.00    1-HR  ALL
      8TH                     0.03351  17052106        0.03353  18080106
0.03525  19072206        0.03463  20032807        0.04147  21121415
  437470.93000 3709700.71000       0.03283    60.15   211.60     0.00    1-HR  ALL
      8TH                     0.03538  17022120        0.03320  18050519
0.03390  19101517        0.03428  20101817        0.02739  21042919
  437451.29000 3709688.21000       0.03181    60.44   211.60     0.00    1-HR  ALL
      8TH                     0.03536  17020419        0.03320  18050519
0.03202  19122704        0.03201  20101817        0.02644  21042919
  437431.64000 3709675.70000       0.03156    60.50   211.60     0.00    1-HR  ALL
      8TH                     0.03458  17020419        0.03324  18010517
0.03244  19122704        0.03103  20101117        0.02650  21012508
  437411.99000 3709663.20000       0.03042    60.15   211.60     0.00    1-HR  ALL
      8TH                     0.03468  17121417        0.03241  18050519
0.03029  19030117        0.02925  20111418        0.02544  21012508
  437392.35000 3709650.70000       0.02950    57.58   211.60     0.00    1-HR  ALL
      8TH                     0.03397  17120117        0.03167  18050419
0.02885  19012518        0.02888  20021019        0.02414  21092118
  437557.32000 3709647.10000       0.02764    60.00   211.60     0.00    1-HR  ALL
      8TH                     0.02854  17123018        0.02704  18122017
0.02974  19082918        0.02923  20041518        0.02366  21101124
  437583.43000 3709683.62000       0.02848    60.60   211.60     0.00    1-HR  ALL
      8TH                     0.02957  17021020        0.02825  18040818
0.03048  19082918        0.02935  20041318        0.02477  21111017
  437635.64000 3709756.65000       0.02946    61.36   211.60     0.00    1-HR  ALL
      8TH                     0.02756  17123117        0.02945  18021718
0.03314  19040118        0.02999  20101817        0.02715  21111017
  437661.74000 3709793.17000       0.02910    60.13   211.60     0.00    1-HR  ALL
      8TH                     0.02672  17042118        0.02825  18021919
0.03406  19021723        0.02726  20121817        0.02918  21122216
  437687.85000 3709829.69000       0.02911    58.85   211.60     0.00    1-HR  ALL
      8TH                     0.02554  17041318        0.02816  18021718
0.03474  19042318        0.02588  20020717        0.03125  21041618
  437713.96000 3709866.20000       0.02831    59.08   211.60     0.00    1-HR  ALL
      8TH                     0.02481  17042118        0.02666  18021718
0.03334  19021723        0.02410  20013117        0.03264  21020517
  437740.06000 3709902.72000       0.02759    60.97   211.60     0.00    1-HR  ALL
      8TH                     0.02511  17122015        0.02658  18041218
0.03073  19042318        0.02214  20020808        0.03340  21090918
  437766.17000 3709939.24000       0.02597    61.32   211.60     0.00    1-HR  ALL
      8TH                     0.02483  17122015        0.02666  18021919
0.02466  19041818        0.02228  20121408        0.03141  21040118
  437792.28000 3709975.75000       0.02498    59.19   211.60     0.00    1-HR  ALL
      8TH                     0.02352  17042018        0.02544  18101417
0.02263  19072206        0.02223  20032807        0.03109  21041718
  437788.99000 3710105.04000       0.02632    64.31   211.60     0.00    1-HR  ALL
      8TH                     0.02515  17051106        0.02475  18080106
0.02601  19072206        0.02555  20032807        0.03016  21120416
  437782.45000 3710149.45000       0.02752    63.91   211.60     0.00    1-HR  ALL
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0.02742  19072206        0.02694  20032807        0.03110  21121415
  437775.92000 3710193.86000       0.02851    63.80   211.60     0.00    1-HR  ALL
      8TH                     0.02746  17052106        0.02733  18122508
0.02887  19040118        0.02828  20061106        0.03061  21120316
  437524.62000 3709616.34000       0.02783    59.27   211.60     0.00    1-HR  ALL
      8TH                     0.02953  17040518        0.02868  18102017
0.02857  19040923        0.02898  20101817        0.02337  21102516
  437504.97000 3709603.84000       0.02752    58.82   211.60     0.00    1-HR  ALL
      8TH                     0.03089  17020419        0.02882  18050519
0.02742  19122704        0.02732  20101817        0.02317  21042919
  437485.33000 3709591.34000       0.02726    58.75   211.60     0.00    1-HR  ALL
      8TH                     0.03012  17111216        0.02870  18050519
0.02788  19122704        0.02705  20101117        0.02256  21121721
  437465.68000 3709578.84000       0.02660    58.89   211.60     0.00    1-HR  ALL
      8TH                     0.02962  17020419        0.02841  18050519
0.02673  19030117        0.02574  20111418        0.02249  21012508
  437446.04000 3709566.33000       0.02602    58.75   211.60     0.00    1-HR  ALL
      8TH                     0.03016  17121417        0.02775  18050419
0.02549  19111117        0.02510  20111418        0.02158  21012508
  437611.20000 3709563.00000       0.02391    59.93   211.60     0.00    1-HR  ALL
      8TH                     0.02501  17123018        0.02360  18122017
0.02514  19101517        0.02498  20041518        0.02082  21101124
  437624.44000 3709581.52000       0.02390    60.11   211.60     0.00    1-HR  ALL
      8TH                     0.02494  17123018        0.02394  18020117
0.02503  19101517        0.02445  20041318        0.02113  21101124
  437637.68000 3709600.05000       0.02432    60.28   211.60     0.00    1-HR  ALL
      8TH                     0.02542  17091018        0.02445  18050519
0.02550  19021117        0.02455  20041318        0.02168  21090918
  437690.65000 3709674.14000       0.02514    60.87   211.60     0.00    1-HR  ALL
      8TH                     0.02406  17123117        0.02517  18041718
0.02737  19020717        0.02536  20101817        0.02373  21111017
  437703.89000 3709692.66000       0.02508    61.03   211.60     0.00    1-HR  ALL
      8TH                     0.02310  17123117        0.02525  18011217
0.02919  19101417        0.02406  20101817        0.02381  21092118
  437717.13000 3709711.18000       0.02491    61.16   211.60     0.00    1-HR  ALL
      8TH                     0.02233  17042118        0.02465  18021919
0.02981  19101417        0.02364  20121817        0.02411  21111017
  437730.38000 3709729.71000       0.02535    60.57   211.60     0.00    1-HR  ALL
      8TH                     0.02265  17041518        0.02500  18021919
0.03007  19021723        0.02421  20121817        0.02484  21011417
  437743.62000 3709748.23000       0.02514    59.04   211.60     0.00    1-HR  ALL
      8TH                     0.02232  17042118        0.02473  18010616
0.02996  19101417        0.02246  20021417        0.02623  21041618
  437756.86000 3709766.75000       0.02440    56.23   211.60     0.00    1-HR  ALL
      8TH                     0.02133  17090518        0.02372  18010616
0.02947  19101417        0.02098  20101117        0.02651  21041618
  437770.10000 3709785.28000       0.02404    54.74   211.60     0.00    1-HR  ALL
      8TH                     0.02136  17042118        0.02291  18101417
0.02886  19042318        0.02049  20012616        0.02659  21020517
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  437783.35000 3709803.80000       0.02392    54.29   211.60     0.00    1-HR  ALL
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0.02738  19102017        0.02073  20013117        0.02784  21020517
  437796.59000 3709822.32000       0.02349    54.61   211.60     0.00    1-HR  ALL
      8TH                      0.02111  17041918        0.02190  18021718
0.02696  19042318        0.01956  20101317        0.02791  21010616
  437809.83000 3709840.84000       0.02318    58.17   211.60     0.00    1-HR  ALL
      8TH                      0.02128  17122015        0.02241  18041218
0.02545  19042318        0.01900  20020808        0.02775  21090918
  437823.07000 3709859.37000       0.02268    61.05   211.60     0.00    1-HR  ALL
      8TH                      0.02127  17122015        0.02324  18101417
0.02294  19090618        0.01907  20121408        0.02689  21101017
  437836.32000 3709877.89000       0.02199    61.94   211.60     0.00    1-HR  ALL
      8TH                      0.02099  17122015        0.02280  18101417
0.02054  19041818        0.01914  20121408        0.02648  21020217
  437862.80000 3709914.94000       0.02121    64.03   211.60     0.00    1-HR  ALL
      8TH                      0.01998  17111808        0.02133  18101417
0.01948  19072206        0.01914  20032807        0.02612  21041718
  437876.04000 3709933.46000       0.02096    64.52   211.60     0.00    1-HR  ALL
      8TH                      0.02001  17111808        0.02035  18101417
0.01951  19072206        0.01917  20032807        0.02576  21041718
  437889.29000 3709951.98000       0.02042    65.73   211.60     0.00    1-HR  ALL
      8TH                      0.01975  17071906        0.01913  18120708
0.01953  19072206        0.01919  20032807        0.02448  21120416
  437899.21000 3709993.03000       0.02033    69.17   211.60     0.00    1-HR  ALL
      8TH                      0.01935  17051106        0.01905  18032007
0.01945  19041218        0.01977  20121408        0.02404  21041718
  437882.64000 3710105.67000       0.02227    62.30   211.60     0.00    1-HR  ALL
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  437879.32000 3710128.20000       0.02270    61.00   211.60     0.00    1-HR  ALL
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0.02259  19012908        0.02249  20042118        0.02472  21120316
  437876.00000 3710150.72000       0.02307    61.60   211.60     0.00    1-HR  ALL
      8TH                      0.02241  17052106        0.02231  18122508
0.02288  19061006        0.02285  20121108        0.02487  21120316
  437872.69000 3710173.25000       0.02344    63.66   211.60     0.00    1-HR  ALL
      8TH                      0.02295  17052106        0.02266  18033107
0.02342  19061006        0.02340  20121108        0.02476  21120316
  437869.37000 3710195.78000       0.02375    66.20   211.60     0.00    1-HR  ALL
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0.02397  19061006        0.02394  20121108        0.02437  21120316
  437856.11000 3710285.89000       0.02561    63.45   211.60     0.00    1-HR  ALL
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0.02606  19061006        0.02603  20121108        0.02543  21013008
  437852.80000 3710308.41000       0.02613    64.48   211.60     0.00    1-HR  ALL
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      8TH                      0.02634  17051306        0.02623  18033107
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0.02693 19052406   0.02708 20121108   0.02628 21070206
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      8TH   0.02730 17051306   0.02719 18033107
0.02791 19052406   0.02807 20121108   0.02724 21070206
  437839.53000 3710398.52000   0.02808   65.44   211.60   0.00   1-HR ALL
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0.02857 19061006   0.02854 20121108   0.02788 21013008
  437836.22000 3710421.05000   0.02849   65.66   211.60   0.00   1-HR ALL
      8TH   0.02810 17072306   0.02808 18033107
0.02903 19061006   0.02893 20052106   0.02832 21013008
  437832.90000 3710443.58000   0.02888   66.13   211.60   0.00   1-HR ALL
      8TH   0.02852 17072306   0.02851 18033107
0.02926 19052406   0.02937 20052106   0.02875 21013008
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  437578.31000 3709531.97000   0.02389   59.57   211.60   0.00   1-HR ALL
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0.02494 19040923   0.02478 20101817   0.02049 21011717
  437558.66000 3709519.47000   0.02389   59.31   211.60   0.00   1-HR ALL
      8TH   0.02591 17040518   0.02537 18102017
0.02403 19012518   0.02400 20121918   0.02013 21102516
  437539.01000 3709506.97000   0.02374   58.98   211.60   0.00   1-HR ALL
      8TH   0.02537 17111216   0.02536 18050519
0.02432 19122704   0.02373 20101117   0.01990 21042919
  437519.37000 3709494.47000   0.02343   58.47   211.60   0.00   1-HR ALL
      8TH   0.02612 17111216   0.02456 18042018
0.02364 19030117   0.02289 20111418   0.01993 21121721
  437499.72000 3709481.97000   0.02299   58.38   211.60   0.00   1-HR ALL
      8TH   0.02589 17121417   0.02467 18010517
0.02257 19111117   0.02243 20111418   0.01938 21012508
  437665.03000 3709478.84000   0.02090   59.37   211.60   0.00   1-HR ALL
      8TH   0.02213 17123018   0.02080 18122017
0.02146 19012518   0.02159 20041518   0.01850 21101124
  437678.42000 3709497.56000   0.02093   59.58   211.60   0.00   1-HR ALL
      8TH   0.02204 17123018   0.02123 18091618
0.02152 19021723   0.02109 20013118   0.01875 21101124
  437691.80000 3709516.29000   0.02098   59.76   211.60   0.00   1-HR ALL
      8TH   0.02186 17123018   0.02127 18091618
0.02197 19082918   0.02090 20111418   0.01893 21101124
  437745.36000 3709591.20000   0.02151   60.33   211.60   0.00   1-HR ALL
      8TH   0.02125 17123117   0.02118 18010616
0.02314 19020717   0.02172 20101817   0.02026 21010616
  437758.74000 3709609.92000   0.02166   60.50   211.60   0.00   1-HR ALL
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0.02558  19101417        0.02121  20121817        0.02152  21041618
  437798.91000 3709666.10000       0.02158    58.13   211.60     0.00    1-HR  ALL
      8TH                     0.01968  17120117        0.02133  18010616
0.02565  19101417        0.01907  20021417        0.02215  21020617
  437812.30000 3709684.83000       0.02124    54.05   211.60     0.00    1-HR  ALL
      8TH                     0.01890  17042118        0.02065  18010616
0.02542  19101417        0.01863  20101117        0.02261  21041618
  437825.68000 3709703.56000       0.02052    53.88   211.60     0.00    1-HR  ALL
      8TH                     0.01830  17020917        0.01968  18010616
0.02485  19101417        0.01706  20120708        0.02272  21041618
  437839.07000 3709722.28000       0.02054    58.88   211.60     0.00    1-HR  ALL
      8TH                     0.01785  17042118        0.01954  18101417
0.02435  19042318        0.01793  20012616        0.02302  21020517
  437852.46000 3709741.01000       0.02037    62.13   211.60     0.00    1-HR  ALL
      8TH                     0.01773  17041818        0.01979  18101417
0.02294  19012817        0.01741  20090918        0.02398  21020517
  437865.85000 3709759.74000       0.02005    62.60   211.60     0.00    1-HR  ALL
      8TH                     0.01800  17122015        0.01937  18021718
0.02257  19042318        0.01659  20021417        0.02374  21010616
  437879.24000 3709778.46000       0.01970    63.12   211.60     0.00    1-HR  ALL
      8TH                     0.01820  17091018        0.01904  18041218
0.02130  19042318        0.01658  20020808        0.02336  21090918
  437892.62000 3709797.19000       0.01934    63.66   211.60     0.00    1-HR  ALL
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0.01918  19090618        0.01665  20020808        0.02304  21101017
  437906.01000 3709815.92000       0.01883    64.35   211.60     0.00    1-HR  ALL
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0.01734  19041818        0.01671  20020808        0.02268  21101017
  437959.56000 3709890.82000       0.01775    68.96   211.60     0.00    1-HR  ALL
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0.01699  19072206        0.01679  20121408        0.02133  21120416
  437986.34000 3709928.27000       0.02869    71.78   211.60     0.00    1-HR  ALL
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0.02607  19010417        0.02672  20120217        0.03402  21121817
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0.02675  19020617        0.02878  20032521        0.03530  21120317
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0.02819  19020617        0.02690  20051319        0.03809  21020218
  437976.26000 3710106.42000       0.04098    72.59   211.60     0.00    1-HR  ALL
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0.03299  19022318        0.03745  20051319        0.05048  21081419
  437972.91000 3710129.20000       0.04941    73.36   211.60     0.00    1-HR  ALL
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  437966.21000 3710174.75000       0.05690    74.31   211.60     0.00    1-HR  ALL
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0.05282  19050519        0.05322  20111818        0.07090  21022218
  437962.86000 3710197.52000       0.05607    74.18   211.60     0.00    1-HR  ALL
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0.05338  19050519        0.05036  20090920        0.06998  21071721
  437952.80000 3710265.85000       0.03773    72.47   211.60     0.00    1-HR  ALL
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0.03424  19062219        0.03128  20112519        0.04667  21032818
  437949.45000 3710288.62000       0.02183    67.91   211.60     0.00    1-HR  ALL
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0.02212  19062206        0.02226  20121108        0.02160  21070206
  437946.10000 3710311.40000       0.02220    64.94   211.60     0.00    1-HR  ALL
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0.02250  19052406        0.02263  20121108        0.02196  21070206
  437942.74000 3710334.17000       0.02257    65.18   211.60     0.00    1-HR  ALL
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0.02287  19052406        0.02300  20121108        0.02232  21070206
  437939.39000 3710356.94000       0.02293    66.86   211.60     0.00    1-HR  ALL
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0.02324  19052406        0.02337  20121108        0.02268  21070206
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0.02426  19052406        0.02434  20052106        0.02383  21013008
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0.02513  19052406        0.02496  20072006        0.02469  21013008
  437915.93000 3710516.37000       0.02503    66.45   208.62     0.00    1-HR  ALL
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0.02555  19061006        0.02521  20072006        0.02493  21013008
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0.02140  19012518        0.02128  20121918        0.01792  21011717
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0.02140  19122704        0.02094  20101117        0.01756  21102516
  437573.06000 3709410.10000       0.02058    58.55   211.60     0.00    1-HR  ALL
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0.01895  19090618        0.01852  20111418        0.01684  21101124
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      8TH                     0.01892  17123117        0.01834  18091618
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0.02023  19020717        0.01797  20101817        0.01832  21121718
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0.02158  19101417        0.01823  20121817        0.01868  21092118
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  437867.37000 3709602.40000       0.01857    52.48   211.60     0.00    1-HR  ALL
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0.02170  19101417        0.01498  20120708        0.01996  21112617
  437894.37000 3709640.18000       0.01776    60.36   211.60     0.00    1-HR  ALL
      8TH                     0.01568  17020419        0.01651  18101417
0.02127  19042318        0.01511  20120708        0.02024  21112617
  437907.88000 3709659.06000       0.01763    62.14   211.60     0.00    1-HR  ALL
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0.02048  19102017        0.01532  20021417        0.02033  21112617
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      8TH                    0.01571  17122015        0.01706  18021718
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0.01762  19012717        0.01460  20020808        0.01999  21101017
  437975.40000 3709753.50000       0.01639    66.21   211.60     0.00    1-HR  ALL
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0.01513  19040407        0.01470  20020808        0.01970  21101017
  438056.42000 3709866.83000       0.01844    70.63   211.60     0.00    1-HR  ALL
      8TH                    0.01811  17110417        0.01734  18110717
0.01750  19010417        0.01843  20111317        0.02082  21120317
  438069.92000 3709885.72000       0.02718    71.92   211.60     0.00    1-HR  ALL
      8TH                    0.02844  17091418        0.02591  18100518
0.02385  19011217        0.02521  20102624        0.03251  21031522
  438083.42000 3709904.61000       0.05152    74.65   211.60     0.00    1-HR  ALL
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0.04460  19051901        0.04716  20121917        0.06039  21051319
  438093.54000 3709946.47000       0.08740    81.91   198.31     0.00    1-HR  ALL
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0.08489  19093018        0.08107  20052019        0.09591  21051223
  438090.16000 3709969.44000       0.09527    83.72   198.31     0.00    1-HR  ALL
      8TH                    0.09522  17021820        0.09729  18120123
0.08915  19032219        0.08840  20062101        0.10627  21051319
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0.09850  19021722        0.09293  20042619        0.11622  21051223
  438073.26000 3710084.29000       0.10824    86.22   198.31     0.00    1-HR  ALL
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0.10723  19040520        0.10321  20111317        0.12193  21051223
  438069.88000 3710107.26000       0.12086    89.76   198.31     0.00    1-HR  ALL
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0.12452  19040520        0.11152  20042619        0.13041  21080419
  438066.50000 3710130.24000       0.12821    93.02   145.38     0.00    1-HR  ALL
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0.13312  19032719        0.12254  20040705        0.13978  21082219
  438059.74000 3710176.18000       0.13472    96.14   145.38     0.00    1-HR  ALL
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0.13796  19021619        0.12631  20122918        0.14089  21060202
  438042.83000 3710291.03000       0.12840    92.17   198.31     0.00    1-HR  ALL
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0.13210  19030223        0.12737  20032419        0.12852  21061019
  438039.45000 3710314.00000       0.10644    84.17   207.03     0.00    1-HR  ALL
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  438012.40000 3710497.77000       0.02104    68.75   208.62     0.00    1-HR  ALL
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0.01903  19012717        0.01869  20101817        0.01605  21101124
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0.01667  19021117        0.01661  20111418        0.01494  21101124
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0.08120  19062219        0.08353  20021021        0.09492  21062421
  438482.35000 3709852.39000       0.09447   106.76   207.17     0.00    1-HR  ALL
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0.09352  19071519        0.09342  20122918        0.10168  21101718
  438478.97000 3709875.30000       0.09633   115.30   145.38     0.00    1-HR  ALL
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0.00983 19012518   0.00972 20111418   0.01025 21121718
  438173.97000 3709074.49000   0.01020   66.45   211.60   0.00   1-HR ALL
      8TH   0.01035 17033024   0.01063 18040418
0.00985 19020717   0.00953 20013117   0.01066 21121718
  438187.29000 3709093.12000   0.01037   68.26   211.60   0.00   1-HR ALL
      8TH   0.01035 17033024   0.01103 18011217
0.01005 19042318   0.00938 20111418   0.01106 21092118
  438200.61000 3709111.75000   0.01048   68.87   211.60   0.00   1-HR ALL
      8TH   0.01036 17033024   0.01100 18010517
0.01065 19040118   0.00926 20020717   0.01115 21092118
  438213.93000 3709130.38000   0.01022   68.51   211.60   0.00   1-HR ALL
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0.01093 19101417   0.00888 20071819   0.01090 21040118
  438227.25000 3709149.01000   0.00987   67.23   211.60   0.00   1-HR ALL
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0.01091 19042318   0.00846 20071819   0.01071 21101123
  438240.57000 3709167.64000   0.00977   65.51   211.60   0.00   1-HR ALL
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0.01105 19042318   0.00838 20053019   0.01090 21101123
  438253.89000 3709186.27000   0.00967   64.83   211.60   0.00   1-HR ALL
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  438280.53000 3709223.54000   0.00936   64.93   211.60   0.00   1-HR ALL
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0.01021 19101417   0.00801 20071819   0.01167 21111118
  438400.40000 3709391.22000   0.08429   100.03   136.86   0.00   1-HR ALL
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  438413.72000 3709409.85000   0.08603   103.10   136.86   0.00   1-HR ALL
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0.08417 19021008   0.08755 20052319   0.08605 21080220
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0.08365 19052005   0.08679 20021518   0.08732 21042819
  438440.36000 3709447.11000   0.08610   104.14   136.86   0.00   1-HR ALL
      8TH   0.08789 17040119   0.08419 18072020
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  438480.32000 3709503.00000       0.08819   106.31   136.86     0.00    1-HR  ALL
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0.08947  19121419        0.08929  20083123        0.08925  21090320
  438493.64000 3709521.63000       0.08908   108.90   136.86     0.00    1-HR  ALL
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0.09136  19032819        0.09043  20083123        0.08975  21091519
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0.07994  19050219        0.08718  20071120        0.08991  21060104
  438600.20000 3709670.68000       0.08544   106.74   152.43     0.00    1-HR  ALL
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0.08180  19032918        0.08119  20071521        0.08933  21041619
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0.08604  19051901        0.07584  20042619        0.08749  21080419
  438670.11000 3709850.44000       0.07695    95.38   208.62     0.00    1-HR  ALL
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  438636.76000 3710077.03000       0.08263   127.11   207.64     0.00    1-HR  ALL
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0.08681  19040519        0.08329  20060219        0.08289  21082821
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  438616.75000 3710212.98000       0.08957   113.45   208.62     0.00    1-HR  ALL
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  438590.07000 3710394.25000       0.08972   118.89   208.62     0.00    1-HR  ALL
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0.08961  19100818        0.08252  20031904        0.09012  21022018
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  438573.40000 3710507.54000       0.07963   145.55   198.31     0.00    1-HR  ALL
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  438570.06000 3710530.20000       0.07765   149.62   185.02     0.00    1-HR  ALL
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  438566.73000 3710552.85000       0.07660   148.17   198.31     0.00    1-HR  ALL
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0.07126  19020521        0.07842  20011419        0.07452  21030619
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0.01019  19122704        0.01082  20101118        0.00962  21013117
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0.01100  19122704        0.01087  20101118        0.00915  21013117
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  437038.96000 3710076.75000       0.10552    70.40   211.60     0.00    1-HR  ALL
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0.07857  19021818        0.07335  20030222        0.06878  21121721
  437025.46000 3710023.42000       0.11620    71.80   211.60     0.00    1-HR  ALL
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0.06341  19010717        0.06226  20123119        0.05892  21112502
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0.05124  19040924        0.05618  20121816        0.04873  21112117
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0.16246  19122706        0.16797  20060920        0.15258  21072706
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0.07305  19010717        0.06773  20123122        0.06167  21111124
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0.04738  19010717        0.04434  20030519        0.03752  21021803
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0.27222  19012821        0.29385  20082506        0.28917  21092419
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0.21391  19041320        0.22492  20121919        0.22340  21090304
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0.26147  19090301        0.27177  20092903        0.26513  21110405
  436954.79000 3709831.56000       0.17089    77.86   211.60     0.00    1-HR  ALL
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0.16539  19120619        0.16882  20091521        0.16224  21112203
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0.18756  19111717        0.19068  20092803        0.18941  21102719
  437031.01000 3709802.28000       0.17086    79.26   211.60     0.00    1-HR  ALL
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0.17238  19061602        0.16887  20121619        0.16214  21072706
  437069.12000 3709787.64000       0.10133    72.85   211.60     0.00    1-HR  ALL
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0.03663  19010717        0.03484  20030519        0.02985  21052306
  437245.47000 3709809.11000       0.03853    56.17   211.60     0.00    1-HR  ALL
      8TH                      0.04468  17040518        0.04645  18050520
0.03646  19111117        0.03459  20030301        0.03049  21061106
  436917.87000 3709853.27000       0.17396    77.73   211.60     0.00    1-HR  ALL
      8TH                      0.18080  17090506        0.17863  18031205
0.16444  19041320        0.17384  20021904        0.17210  21091001
  436900.01000 3709867.66000       0.18916    79.30   211.60     0.00    1-HR  ALL
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0.17569  19110519        0.19202  20033022        0.18915  21112506
  436882.15000 3709882.04000       0.23727    86.63   211.60     0.00    1-HR  ALL
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0.23251  19013120        0.24201  20091020        0.23524  21113021
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0.22623  19032621        0.22375  20012501        0.22821  21091505
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0.21189  19092404        0.20846  20082804        0.19649  21091505
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  436901.01000 3709699.25000       0.18629   115.88   211.60     0.00    1-HR  ALL
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0.17349  19081505        0.17590  20082701        0.16689  21030421
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0.15150 19030421   0.16291 20012319   0.15702 21091001
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0.14199  19111717        0.13934  20050221        0.15175  21122222
  436979.68000 3709414.07000       0.14223   174.09   211.60     0.00    1-HR  ALL
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0.10121  19061603        0.10820  20042704        0.10509  21110405
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0.09885  19111818        0.11219  20071705        0.10416  21020204
  436877.75000 3709147.29000       0.10628   178.43   211.60     0.00    1-HR  ALL
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0.09699  19080503        0.11126  20073005        0.10613  21020420
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0.09673  19012818        0.11080  20122924        0.11119  21112203
  436920.10000 3709131.02000       0.10671   169.48   211.60     0.00    1-HR  ALL
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0.10280  19080503        0.10577  20121619        0.11131  21112718
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0.11533  19090201        0.10867  20122403        0.11230  21091505
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0.09252  19030407        0.09165  20071904        0.08241  21072706
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  436932.46000 3708922.31000   0.09047   159.21   180.88   0.00   1-HR ALL
      8TH   0.09156 17073103   0.09069 18073022
0.08909 19080503   0.08524 20082921   0.09575 21112718
  436974.03000 3708906.33000   0.08874   165.21   180.88   0.00   1-HR ALL

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  437015.60000 3708890.36000       0.08436   163.67   180.88     0.00    1-HR  ALL
      8TH                     0.08471  17073103        0.08966  18050502
0.08759  19090201        0.08340  20091521        0.07643  21112718
  437078.72000 3708880.02000       0.09460   130.15   211.60     0.00    1-HR  ALL
      8TH                     0.09406  17062305        0.09390  18120819
0.09360  19041820        0.09910  20122403        0.09233  21030421
  437121.81000 3708891.27000       0.09929   109.00   211.60     0.00    1-HR  ALL
      8TH                     0.10368  17030720        0.09820  18081222
0.09773  19032723        0.10357  20092220        0.09327  21020221
  437164.90000 3708902.53000       0.08418    90.97   211.60     0.00    1-HR  ALL
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0.08545  19081505        0.08433  20082701        0.07742  21072806
  437207.99000 3708913.79000       0.04433    75.51   211.60     0.00    1-HR  ALL
      8TH                     0.04684  17110320        0.04677  18092104
0.04295  19071405        0.04507  20020719        0.04003  21041104
  437251.08000 3708925.05000       0.01201    66.41   211.60     0.00    1-HR  ALL
      8TH                     0.01389  17121417        0.01343  18030818
0.01095  19030602        0.01231  20020421        0.00949  21070806
  437294.17000 3708936.30000       0.01205    61.69   211.60     0.00    1-HR  ALL
      8TH                     0.01437  17020317        0.01310  18010117
0.01159  19030602        0.01168  20102623        0.00950  21031024
  437337.26000 3708947.56000       0.01205    58.52   211.60     0.00    1-HR  ALL
      8TH                     0.01370  17051920        0.01380  18110708
0.01213  19030602        0.01163  20073020        0.00902  21031024
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0.01239  19051904        0.01086  20082718        0.00903  21061106
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      8TH                     0.01333  17062404        0.01398  18090307
0.01115  19122305        0.01102  20082718        0.00895  21110124
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0.01063  19111219        0.01081  20082718        0.00900  21061106
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0.01209  19102117        0.01089  20030518        0.00897  21012508
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0.01230  19012518        0.01148  20030518        0.00941  21070806
  437638.89000 3709026.36000       0.01311    49.93   211.60     0.00    1-HR  ALL
      8TH                     0.01540  17050820        0.01466  18010117
0.01275  19110717        0.01285  20101118        0.00990  21101124
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0.08717  19110218        0.09207  20120521        0.09362  21110307
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0.08526  19120706        0.09161  20040804        0.09310  21112902
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0.08237  19031424        0.08424  20123002        0.08701  21022822
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0.08419  19033020        0.08254  20113019        0.08879  21112701
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  436499.58000 3708986.64000       0.08544   152.45   181.14     0.00    1-HR  ALL
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0.08459  19122301        0.08330  20051101        0.08771  21123104
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0.08334  19072505        0.08603  20021520        0.08947  21121720
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0.08015 19100720   0.08822 20030320   0.08872 21112202
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0.08402 19031504   0.08586 20091020   0.08262 21112405
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0.08153 19110702   0.08757 20071705   0.08385 21122222
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      8TH                     0.09718  17030720        0.09259  18121022
0.09061  19121918        0.09829  20123006        0.08912  21010506
  437139.64000 3708797.54000       0.09048   102.04   211.60     0.00    1-HR  ALL
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0.09149  19111321        0.09290  20122403        0.08117  21020221
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0.08443  19081505        0.08305  20071904        0.07614  21121708
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0.04749  19122706        0.04724  20031705        0.04505  21062202
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0.00981  19030602        0.01162  20020421        0.00863  21070806
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0.01013  19030602        0.01084  20020421        0.00865  21070806
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0.00994  19010717        0.00998  20121918        0.00820  21082308
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0.01103  19110717        0.00986  20091918        0.00816  21061106
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0.08039  19110218        0.08601  20111518        0.08769  21121521
  436290.63000 3709074.45000       0.08392   156.31   156.31     0.00    1-HR  ALL
      8TH                     0.08538  17051105        0.08168  18120702
0.07992  19101520        0.08520  20091821        0.08744  21122204
  436272.77000 3709088.83000       0.08387   156.78   168.63     0.00    1-HR  ALL
      8TH                     0.08352  17020220        0.08283  18102801
0.08035  19081304        0.08599  20100119        0.08668  21121121
  436254.90000 3709103.22000       0.08422   157.77   168.80     0.00    1-HR  ALL
      8TH                     0.08245  17070206        0.08555  18102801
0.08040  19112219        0.08558  20120619        0.08709  21111320
  436266.83000 3708974.09000       0.08005   152.75   153.38     0.00    1-HR  ALL
      8TH                     0.08151  17042402        0.07787  18121519
0.07651  19112017        0.08107  20112503        0.08329  21110307
  436287.89000 3708965.99000       0.08041   152.75   152.75     0.00    1-HR  ALL
      8TH                     0.08188  17111624        0.07946  18012318
0.07793  19082524        0.08012  20040804        0.08268  21122204
  436308.95000 3708957.90000       0.08057   153.08   153.08     0.00    1-HR  ALL
      8TH                     0.08170  17051105        0.07994  18090706
0.07765  19092405        0.08103  20011520        0.08252  21122203
  436330.01000 3708949.81000       0.08034   153.38   153.38     0.00    1-HR  ALL
      8TH                     0.08115  17010320        0.08093  18121519
0.07603  19092405        0.08156  20012606        0.08202  21100302
  436351.07000 3708941.72000       0.07995   153.16   153.16     0.00    1-HR  ALL
      8TH                     0.08069  17020221        0.07935  18052502
0.07778  19072006        0.08072  20013007        0.08119  21121519
  436372.13000 3708933.63000       0.08052   153.09   153.09     0.00    1-HR  ALL
      8TH                     0.08115  17071406        0.08163  18012318
0.07717  19041003        0.08119  20011520        0.08147  21112701
  436393.19000 3708925.54000       0.08026   152.86   152.86     0.00    1-HR  ALL
      8TH                     0.08160  17071406        0.08153  18042406
0.07667  19041003        0.07926  20110517        0.08226  21030324
  436414.25000 3708917.44000       0.07954   152.27   152.27     0.00    1-HR  ALL
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0.07806  19030603        0.07719  20021420        0.08298  21010507
  436435.31000 3708909.35000       0.08022   150.61   151.86     0.00    1-HR  ALL
      8TH                     0.08145  17112318        0.07828  18030323
0.08109  19030603        0.07651  20081905        0.08375  21013020
  436456.37000 3708901.26000       0.08172   149.35   149.35     0.00    1-HR  ALL
      8TH                     0.08254  17041121        0.08164  18121620
0.08249  19030603        0.07768  20042923        0.08423  21042606
  436477.43000 3708893.17000       0.08155   149.01   149.01     0.00    1-HR  ALL
      8TH                     0.08036  17011606        0.08255  18122019
0.08037  19122408        0.08050  20042923        0.08398  21082406
  436498.49000 3708885.08000       0.08248   149.06   149.06     0.00    1-HR  ALL
      8TH                     0.08239  17091323        0.08201  18032820
0.08007  19060905        0.08250  20071005        0.08545  21121119
  436519.55000 3708876.99000       0.08152   149.40   149.40     0.00    1-HR  ALL
      8TH                     0.08202  17112018        0.07934  18110120
0.07926  19090503        0.08229  20091120        0.08471  21123104
  436540.61000 3708868.90000       0.08055   149.88   149.88     0.00    1-HR  ALL
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0.07928  19013120        0.08217  20021320        0.08458  21112202
  436561.67000 3708860.80000       0.08075   150.60   150.60     0.00    1-HR  ALL
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0.07713  19100720        0.08335  20082801        0.08352  21120405
  436582.73000 3708852.71000       0.08150   151.53   151.53     0.00    1-HR  ALL
      8TH                     0.08378  17051204        0.08025  18040307
0.07682  19110418        0.08522  20082801        0.08143  21091003
  436603.79000 3708844.62000       0.08115   152.55   152.55     0.00    1-HR  ALL
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0.07982  19022420        0.08256  20092206        0.08005  21112819
  436624.85000 3708836.53000       0.08131   153.55   153.55     0.00    1-HR  ALL
      8TH                     0.08297  17051204        0.08039  18091024
0.08196  19032521        0.08050  20092206        0.08073  21112819
  436645.91000 3708828.44000       0.08094   154.35   154.35     0.00    1-HR  ALL
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0.08090  19120218        0.07838  20091806        0.07948  21111220
  436666.97000 3708820.35000       0.08005   155.23   173.21     0.00    1-HR  ALL
      8TH                     0.08398  17082604        0.08101  18121017
0.07790  19020719        0.07918  20120618        0.07819  21112819
  436688.03000 3708812.25000       0.07954   156.21   173.21     0.00    1-HR  ALL
      8TH                     0.08336  17021222        0.08033  18031920
0.07741  19031504        0.07945  20091020        0.07713  21111821
  436709.09000 3708804.16000       0.07980   157.13   175.03     0.00    1-HR  ALL
      8TH                     0.08171  17112621        0.08021  18122018
0.07655  19022420        0.08292  20012319        0.07759  21112405
  436730.15000 3708796.07000       0.07884   157.65   175.23     0.00    1-HR  ALL
      8TH                     0.08158  17112621        0.08027  18102818
0.07376  19030421        0.08267  20042704        0.07593  21112405
  436751.21000 3708787.98000       0.07844   158.45   180.88     0.00    1-HR  ALL
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0.07446  19110807        0.08149  20122924        0.07605  21091202
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  436793.33000 3708771.80000       0.07823   162.51   180.88     0.00    1-HR  ALL
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0.07253  19111818        0.08249  20012319        0.07612  21123102
  436814.39000 3708763.70000       0.07903   163.51   180.88     0.00    1-HR  ALL
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0.07568  19031504        0.08236  20081306        0.07745  21111821
  436835.45000 3708755.61000       0.07807   163.60   182.22     0.00    1-HR  ALL
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0.07304  19080503        0.08120  20031703        0.07687  21020420
  436856.51000 3708747.52000       0.07855   163.26   183.04     0.00    1-HR  ALL
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0.07301  19111101        0.07968  20082606        0.08046  21093020
  436877.57000 3708739.43000       0.07804   164.05   183.04     0.00    1-HR  ALL
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0.07198  19012818        0.07966  20081306        0.08191  21112718
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0.07694  19120518        0.07542  20081306        0.08344  21112718
  436919.69000 3708723.25000       0.07861   172.85   180.88     0.00    1-HR  ALL
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0.07701  19081305        0.07357  20082921        0.08335  21112718
  436940.75000 3708715.15000       0.07934   178.73   178.73     0.00    1-HR  ALL
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0.07884  19021120        0.07582  20080124        0.08156  21100119
  436961.81000 3708707.06000       0.07825   176.16   179.64     0.00    1-HR  ALL
      8TH                     0.07998  17073103        0.07860  18110118
0.07941  19021120        0.07578  20092724        0.07748  21102719
  436982.87000 3708698.97000       0.07656   167.18   195.65     0.00    1-HR  ALL
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0.07798  19090402        0.07415  20123006        0.07368  21091505
  437003.93000 3708690.88000       0.07496   157.21   204.73     0.00    1-HR  ALL
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0.07762  19072524        0.07274  20092724        0.07004  21112718
  437024.99000 3708682.79000       0.07636   147.29   204.73     0.00    1-HR  ALL
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0.08073  19011101        0.07654  20092220        0.07108  21113008
  437067.88000 3708680.40000       0.08469   129.70   211.60     0.00    1-HR  ALL
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0.08675  19032621        0.08768  20111718        0.07991  21010619
  437089.71000 3708686.10000       0.08805   120.99   211.60     0.00    1-HR  ALL
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0.08731  19032621        0.09189  20082804        0.08469  21030421
  437111.54000 3708691.80000       0.08848   112.51   211.60     0.00    1-HR  ALL
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0.08659  19041820        0.09320  20111718        0.08426  21093019
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0.06763  19013119        0.06625  20071904        0.06124  21051302
  437220.68000 3708720.32000       0.03267    73.79   211.60     0.00    1-HR  ALL
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0.03161  19122017        0.03245  20012923        0.02892  21121721
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0.00900  19030602        0.01144  20020421        0.00788  21070806
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0.00905  19030602        0.01049  20020421        0.00791  21070806
  437286.17000 3708737.43000       0.01012    64.25   211.60     0.00    1-HR  ALL
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0.00934  19030602        0.00992  20013118        0.00792  21070806
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0.00961  19030602        0.01011  20102623        0.00794  21070806
  437351.65000 3708754.54000       0.01012    57.73   211.60     0.00    1-HR  ALL
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0.01008  19030602        0.00956  20073020        0.00776  21021803
  437373.48000 3708760.24000       0.01013    55.04   211.60     0.00    1-HR  ALL
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0.01046  19030602        0.00936  20122919        0.00753  21061106
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0.01031  19051904        0.00882  20013005        0.00745  21052306
  437438.97000 3708777.35000       0.00988    51.06   211.60     0.00    1-HR  ALL
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0.00974  19051904        0.00892  20013005        0.00753  21061106
  437460.79000 3708783.05000       0.00983    49.29   211.60     0.00    1-HR  ALL
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0.00942  19122305        0.00899  20013005        0.00753  21061106
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0.00927  19110717        0.00901  20121918        0.00758  21110124
  437504.45000 3708794.46000       0.01000    41.52   211.60     0.00    1-HR  ALL
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0.00893  19111219        0.00916  20123119        0.00782  21110124
  437526.28000 3708800.16000       0.00997    40.32   211.60     0.00    1-HR  ALL
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0.00896  19111219        0.00888  20030519        0.00792  21070806
  437569.94000 3708811.56000       0.01017    40.00   211.60     0.00    1-HR  ALL
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0.01022  19110717        0.00910  20082721        0.00747  21061106
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  437635.42000 3708828.67000       0.01034    38.54   211.60     0.00    1-HR  ALL
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0.01003  19012518        0.00937  20091918        0.00778  21012508
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0.01027  19021117        0.00955  20091918        0.00801  21092118
  437679.08000 3708840.08000       0.01078    48.23   211.60     0.00    1-HR  ALL
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0.01058  19030602        0.00988  20082918        0.00808  21030520
  437700.91000 3708845.78000       0.01095    51.21   211.60     0.00    1-HR  ALL
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0.01046  19030602        0.01027  20021019        0.00831  21030520
  437722.74000 3708851.48000       0.01115    51.93   211.60     0.00    1-HR  ALL
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0.01065  19033118        0.01099  20073020        0.00853  21101124
  437744.56000 3708857.19000       0.01121    52.74   211.60     0.00    1-HR  ALL
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0.01095  19110717        0.01085  20073020        0.00878  21101124
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0.01093  19110717        0.01099  20020717        0.00903  21101124
  437810.05000 3708874.30000       0.01142    55.28   211.60     0.00    1-HR  ALL
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0.01101  19030117        0.01170  20101118        0.00963  21101124
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      8TH                     0.01259  17050820        0.01210  18091818
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  436245.77000 3708982.18000       0.07948   152.59   152.59     0.00    1-HR  ALL
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0.07638  19071505        0.08140  20042605        0.08168  21100724
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0.07665  19071505        0.08084  20110307        0.08193  21100123
  436192.18000 3709025.34000       0.07957   155.66   169.70     0.00    1-HR  ALL
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      8TH                     0.07930  17080302        0.07656  18082901
0.07521  19110218        0.07794  20042605        0.07982  21092202
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  436329.44000 3708848.05000       0.07763   146.92   151.76     0.00    1-HR  ALL
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0.07484  19120706        0.07760  20100122        0.07870  21020620
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  436413.09000 3708815.91000       0.07675   148.47   148.47     0.00    1-HR  ALL
      8TH                     0.07733  17111623        0.07586  18121722
0.07745  19030603        0.07322  20071005        0.07989  21112919
  436454.92000 3708799.84000       0.07769   148.88   148.88     0.00    1-HR  ALL
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0.07597  19110701        0.07653  20042923        0.08047  21082406
  436496.75000 3708783.77000       0.07696   149.49   149.49     0.00    1-HR  ALL
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0.07494  19082503        0.07802  20071005        0.08025  21123104
  436538.57000 3708767.70000       0.07687   149.70   171.71     0.00    1-HR  ALL
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0.07319  19100720        0.07924  20082801        0.07888  21120405
  436580.40000 3708751.63000       0.07736   150.66   176.05     0.00    1-HR  ALL
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0.07640  19022420        0.07809  20121819        0.07670  21010522
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0.07199  19120218        0.07372  20091020        0.07239  21013120
  436705.88000 3708703.41000       0.07415   161.38   175.36     0.00    1-HR  ALL
      8TH                     0.07633  17122102        0.07421  18102818
0.06960  19030421        0.07798  20042704        0.07261  21112405
  436747.71000 3708687.34000       0.07364   167.09   175.23     0.00    1-HR  ALL
      8TH                     0.07415  17110322        0.07685  18060223
0.06912  19111818        0.07691  20091020        0.07119  21110507
  436789.53000 3708671.27000       0.07361   170.34   175.23     0.00    1-HR  ALL
      8TH                     0.07339  17090524        0.07650  18010420
0.06980  19110702        0.07686  20062603        0.07149  21122222
  436831.36000 3708655.20000       0.07352   169.75   195.65     0.00    1-HR  ALL
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0.06857  19090402        0.07664  20073005        0.07293  21020420
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0.07465  19041820        0.07120  20092724        0.07288  21102719
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0.08096  19061001        0.08290  20122403        0.07277  21030421
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0.06577  19081505        0.06509  20012318        0.05953  21072806
  437235.58000 3708625.82000       0.03233    74.48   211.60     0.00    1-HR  ALL
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0.03131  19071405        0.03176  20030519        0.02864  21101205
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0.00970  19120217        0.00984  20033118        0.00784  21101124
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0.01035  19030117        0.01088  20101118        0.00901  21101124
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  436986.74000 3710060.78000       0.29868    79.65   211.60     0.00    1-HR  ALL
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0.28891  19082501        0.29875  20111901        0.28903  21030422
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0.35115  19111818        0.36750  20033022        0.36358  21020202
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0.30690  19120707        0.32712  20082506        0.32333  21093020
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0.20379  19122408        0.20722  20090520        0.21155  21120124
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0.20575  19101520        0.21088  20111518        0.21451  21110307
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  436777.72000 3709850.11000       0.19816   120.02   211.60     0.00    1-HR  ALL
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0.19864  19122301        0.19438  20022420        0.20367  21013020
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0.16245 19011821   0.17251 20111021   0.17458 21090502
  436618.21000 3709893.24000   0.17386   166.00   205.14   0.00   1-HR ALL
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0.16998 19101819   0.17564 20111519   0.17717 21010702
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  436415.61000 3709661.10000       0.12496   157.90   211.60     0.00    1-HR  ALL
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0.11160  19082524        0.11999  20110518        0.12061  21121121
  436306.73000 3709638.87000       0.11513   163.33   163.33     0.00    1-HR  ALL
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0.11556  19100702        0.11822  20091722        0.11590  21013024
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0.10394  19011024        0.10727  20012623        0.10885  21100402
  436276.26000 3709520.65000       0.10640   165.48   165.48     0.00    1-HR  ALL
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0.10369  19031904        0.10752  20012121        0.10845  21012606
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0.10350  19050101        0.10745  20121620        0.10848  21011202
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0.10385  19030102        0.10675  20112205        0.10775  21121122
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0.10280  19092201        0.10849  20022019        0.10933  21120407
  436387.47000 3709398.13000       0.10607   169.92   169.92     0.00    1-HR  ALL
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0.09729  19112219        0.10866  20121920        0.11078  21041823
  436415.27000 3709367.50000       0.10597   169.89   179.42     0.00    1-HR  ALL
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0.10167  19082524        0.10893  20040804        0.10986  21100123
  436223.15000 3709583.96000       0.10633   164.58   164.58     0.00    1-HR  ALL
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0.10522  19043024        0.10872  20122407        0.10666  21011519
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0.10579  19110704        0.10844  20120119        0.10705  21111224
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0.09225  19082524        0.10001  20120619        0.10156  21111505
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0.09167  19081406        0.09407  20020922        0.09154  21011107
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0.08863  19121722        0.09221  20041406        0.09306  21122202
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0.08946  19100701        0.09200  20122404        0.09232  21011204
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0.13352  19120905        0.13379  20110423        0.13323  21021721
  436237.25000 3710216.68000       0.13478   175.13   175.13     0.00    1-HR  ALL
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  436238.00000 3710239.75000       0.13591   175.07   175.07     0.00    1-HR  ALL
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0.13564  19111806        0.13563  20110424        0.13587  21010208
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0.12227  19010821        0.12255  20120401        0.12264  21021721
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0.12213  19041806        0.12256  20120401        0.12201  21121222
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0.12210  19103002        0.12282  20122307        0.12201  21100319
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0.12287  19111624        0.12337  20120402        0.12344  21050906
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0.12490  19010823        0.12520  20011924        0.12492  21102804
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0.12464  19121105        0.12516  20021223        0.12375  21101206
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0.12385  19121723        0.12473  20020119        0.12422  21011001
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0.12294  19020803        0.12386  20120422        0.12149  21010821
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0.12269  19012905        0.12374  20101221        0.12118  21012602
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0.12203  19110920        0.12296  20022002        0.12147  21010322
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0.11694  19061904        0.11988  20122404        0.12066  21010206
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0.11254  19033001        0.11270  20111721        0.11227  21012304
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  435934.95000 3709857.70000       0.09936   171.93   171.93     0.00    1-HR  ALL
      8TH                     0.09955  17101705        0.09995  18013103
0.09930  19110820        0.09952  20010706        0.09848  21121804
  435941.09000 3709835.90000       0.09901   171.73   171.73     0.00    1-HR  ALL
      8TH                     0.09906  17112304        0.09963  18022421
0.09897  19091405        0.09885  20011006        0.09854  21122106
  435947.23000 3709814.09000       0.09888   171.68   171.68     0.00    1-HR  ALL
      8TH                     0.09903  17011607        0.09901  18120401
0.09879  19121906        0.09907  20121705        0.09851  21021722
  435953.37000 3709792.29000       0.09869   171.62   171.62     0.00    1-HR  ALL
      8TH                     0.09895  17121806        0.09882  18012201
0.09815  19121906        0.09890  20022724        0.09863  21022207
  435959.51000 3709770.49000       0.09832   171.55   171.55     0.00    1-HR  ALL
      8TH                     0.09825  17022424        0.09874  18013003
0.09785  19012002        0.09888  20022303        0.09787  21012024
  435965.65000 3709748.69000       0.09782   171.54   171.54     0.00    1-HR  ALL
      8TH                     0.09825  17120405        0.09885  18013105
0.09765  19111906        0.09821  20100102        0.09616  21011220
  435971.78000 3709726.89000       0.09748   171.20   171.20     0.00    1-HR  ALL
      8TH                     0.09818  17120405        0.09825  18011405
0.09709  19031622        0.09803  20022702        0.09586  21010821
  435977.92000 3709705.09000       0.09641   167.33   171.71     0.00    1-HR  ALL
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0.09623  19121801        0.09704  20020805        0.09472  21102819
  435984.06000 3709683.28000       0.09577   161.96   172.17     0.00    1-HR  ALL
      8TH                     0.09592  17010306        0.09649  18032122
0.09560  19012905        0.09653  20120701        0.09433  21010324
  435990.20000 3709661.48000       0.09533   158.77   172.17     0.00    1-HR  ALL
      8TH                     0.09543  17100620        0.09596  18011121
0.09459  19110505        0.09588  20111605        0.09477  21010322
  435996.34000 3709639.68000       0.09478   156.85   172.17     0.00    1-HR  ALL
      8TH                     0.09461  17122905        0.09549  18012221
0.09439  19012905        0.09524  20011205        0.09418  21022223
  436002.48000 3709617.88000       0.09419   155.29   172.17     0.00    1-HR  ALL
      8TH                     0.09458  17011808        0.09474  18010106
0.09363  19120521        0.09419  20101406        0.09379  21021724
  436008.62000 3709596.08000       0.09381   154.33   172.04     0.00    1-HR  ALL
      8TH                     0.09395  17102219        0.09313  18013102
0.09343  19110507        0.09456  20120607        0.09397  21011007
  436014.76000 3709574.28000       0.09341   154.18   171.71     0.00    1-HR  ALL
      8TH                     0.09323  17112019        0.09303  18052305
0.09270  19092204        0.09376  20103007        0.09430  21020119
  436020.90000 3709552.48000       0.09256   154.20   170.38     0.00    1-HR  ALL
      8TH                     0.09172  17102519        0.09208  18102605
0.09183  19110305        0.09344  20010106        0.09372  21022303
  436027.04000 3709530.67000       0.09185   154.71   170.96     0.00    1-HR  ALL
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0.09101  19040105        0.09242  20101124        0.09347  21121107
  435836.72000 3710206.52000       0.09886   167.36   179.24     0.00    1-HR  ALL
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0.09850  19062806        0.09872  20121423        0.09947  21012102
  435837.46000 3710229.59000       0.09933   167.48   183.46     0.00    1-HR  ALL
      8TH                     0.09908  17040602        0.09899  18012101
0.09887  19012401        0.09959  20120104        0.10012  21120201
  435838.21000 3710252.66000       0.09933   167.57   183.60     0.00    1-HR  ALL
      8TH                     0.09932  17052003        0.09852  18051904
0.09863  19120604        0.10043  20011606        0.09976  21031806
  435742.85000 3710188.16000       0.09260   171.92   171.92     0.00    1-HR  ALL
      8TH                     0.09252  17010223        0.09250  18121318
0.09203  19020903        0.09254  20120924        0.09343  21022023
  435748.93000 3710166.56000       0.09270   169.89   172.61     0.00    1-HR  ALL
      8TH                     0.09306  17012720        0.09193  18121318
0.09237  19120401        0.09284  20121423        0.09332  21120201
  435761.09000 3710123.37000       0.09165   166.25   166.25     0.00    1-HR  ALL
      8TH                     0.09181  17043022        0.09228  18012718
0.09113  19011307        0.09101  20032402        0.09204  21121001
  435773.25000 3710080.19000       0.09133   162.36   162.36     0.00    1-HR  ALL
      8TH                     0.09076  17111007        0.09244  18010305
0.09130  19120404        0.09140  20022805        0.09076  21021104
  435779.33000 3710058.59000       0.09118   161.99   161.99     0.00    1-HR  ALL
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0.09108  19122902        0.09116  20022603        0.09145  21021104
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  435791.50000 3710015.40000       0.09112   161.04   161.04     0.00    1-HR  ALL
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0.09072  19010821        0.09078  20022801        0.09107  21120202
  435797.58000 3709993.81000       0.09069   161.04   161.04     0.00    1-HR  ALL
      8TH                     0.09110  17100622        0.09131  18010223
0.09022  19102203        0.09052  20011507        0.09029  21111701
  435809.74000 3709950.62000       0.09041   161.46   161.46     0.00    1-HR  ALL
      8TH                     0.09040  17010207        0.09096  18020506
0.09017  19022206        0.09066  20011322        0.08986  21033103
  435821.90000 3709907.43000       0.09142   161.45   172.55     0.00    1-HR  ALL
      8TH                     0.09197  17013024        0.09182  18111020
0.09084  19102302        0.09075  20120402        0.09173  21050906
  435827.98000 3709885.84000       0.09249   162.34   172.71     0.00    1-HR  ALL
      8TH                     0.09326  17121205        0.09260  18011723
0.09189  19011302        0.09214  20022504        0.09258  21011123
  435840.15000 3709842.65000       0.09290   169.15   172.55     0.00    1-HR  ALL
      8TH                     0.09314  17121205        0.09388  18011506
0.09269  19102204        0.09319  20110507        0.09158  21102804
  435846.23000 3709821.06000       0.09251   169.12   172.55     0.00    1-HR  ALL
      8TH                     0.09280  17030121        0.09367  18011508
0.09211  19091405        0.09262  20011924        0.09134  21111424
  435858.39000 3709777.87000       0.09205   167.20   172.71     0.00    1-HR  ALL
      8TH                     0.09203  17112304        0.09259  18022421
0.09222  19010908        0.09188  20122908        0.09153  21122106
  435870.55000 3709734.68000       0.09135   161.55   172.71     0.00    1-HR  ALL
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0.09104  19121906        0.09152  20010705        0.09117  21022207
  435876.63000 3709713.09000       0.09090   159.00   172.71     0.00    1-HR  ALL
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0.08995  19011303        0.09141  20101504        0.09063  21012024
  435888.79000 3709669.90000       0.09024   156.86   172.71     0.00    1-HR  ALL
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0.08974  19011919        0.09067  20120422        0.08909  21100103
  435894.87000 3709648.31000       0.08971   156.29   172.71     0.00    1-HR  ALL
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0.08944  19012806        0.08999  20101303        0.08879  21011522
  435907.04000 3709605.12000       0.08906   154.90   172.61     0.00    1-HR  ALL
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0.08833  19111402        0.08982  20022002        0.08842  21121301
  435919.20000 3709561.93000       0.08826   153.85   171.71     0.00    1-HR  ALL
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0.08796  19121521        0.08883  20020202        0.08785  21011322
  435925.28000 3709540.34000       0.08777   153.81   153.81     0.00    1-HR  ALL
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0.08689  19121819        0.08820  20103007        0.08755  21021724
  435937.44000 3709497.15000       0.08723   153.56   177.06     0.00    1-HR  ALL
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0.08676  19092204        0.08765  20103007        0.08782  21020304
  435737.51000 3710232.82000       0.09271   171.92   171.92     0.00    1-HR  ALL
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0.09314  19022223        0.09399  20121104        0.09286  21022604
  435643.01000 3710190.98000       0.08644   173.21   173.21     0.00    1-HR  ALL
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0.08560  19011903        0.08768  20120522        0.08697  21100224
  435649.21000 3710168.98000       0.08672   171.14   173.25     0.00    1-HR  ALL
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0.08624  19012401        0.08689  20120522        0.08755  21122320
  435655.40000 3710146.98000       0.08647   168.61   173.81     0.00    1-HR  ALL
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0.08581  19122023        0.08659  20121423        0.08696  21012102
  435661.60000 3710124.98000       0.08643   167.66   167.66     0.00    1-HR  ALL
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0.08632  19102107        0.08633  20121103        0.08692  21122502
  435667.79000 3710102.99000       0.08606   164.32   173.92     0.00    1-HR  ALL
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0.08578  19021001        0.08633  20121121        0.08629  21122502
  435673.99000 3710080.99000       0.08557   161.45   173.92     0.00    1-HR  ALL
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0.08537  19110121        0.08501  20012201        0.08562  21121001
  435680.18000 3710058.99000       0.08563   159.45   173.92     0.00    1-HR  ALL
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0.08522  19051102        0.08577  20121923        0.08538  21122620
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0.08541  19120203        0.08554  20011405        0.08576  21011002
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0.08528  19122807        0.08566  20110424        0.08599  21120202
  435704.96000 3709971.00000       0.08550   157.59   157.59     0.00    1-HR  ALL
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0.08518  19102203        0.08530  20121524        0.08525  21010208
  435711.16000 3709949.00000       0.08503   157.73   157.73     0.00    1-HR  ALL
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0.08465  19101903        0.08524  20122307        0.08434  21121303
  435717.35000 3709927.00000       0.08484   157.76   157.76     0.00    1-HR  ALL
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0.08482  19041806        0.08486  20120401        0.08378  21122504
  435723.55000 3709905.01000       0.08466   157.72   157.72     0.00    1-HR  ALL
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0.08436  19041806        0.08507  20122307        0.08410  21033103
  435729.74000 3709883.01000       0.08492   157.63   172.55     0.00    1-HR  ALL
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0.08462  19093021        0.08495  20121204        0.08455  21121222
  435735.94000 3709861.01000       0.08575   157.51   172.55     0.00    1-HR  ALL
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0.08583  19103006        0.08609  20122524        0.08676  21011123
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0.08668  19012306        0.08709  20022504        0.08697  21111319
  435754.52000 3709795.02000       0.08667   162.80   164.52     0.00    1-HR  ALL
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0.08677  19102204        0.08681  20012404        0.08512  21012019
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  435766.91000 3709751.02000       0.08644   164.36   164.36     0.00    1-HR  ALL
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0.08635  19121723        0.08664  20012308        0.08554  21040903
  435773.11000 3709729.02000       0.08608   163.98   163.98     0.00    1-HR  ALL
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0.08632  19012302        0.08633  20101506        0.08505  21121804
  435779.30000 3709707.02000       0.08577   161.41   164.19     0.00    1-HR  ALL
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0.08531  19121121        0.08598  20011901        0.08539  21011523
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0.08489  19101222        0.08584  20120524        0.08563  21012024
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0.08481  19101222        0.08529  20101504        0.08493  21011523
  435804.08000 3709619.03000       0.08479   154.93   172.17     0.00    1-HR  ALL
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0.08451  19012806        0.08527  20120420        0.08373  21010404
  435810.28000 3709597.03000       0.08486   153.45   172.17     0.00    1-HR  ALL
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0.08454  19121921        0.08503  20022804        0.08419  21013021
  435816.47000 3709575.04000       0.08431   152.75   152.75     0.00    1-HR  ALL
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0.08393  19102605        0.08470  20121123        0.08387  21021401
  435822.66000 3709553.04000       0.08415   152.33   152.33     0.00    1-HR  ALL
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0.08341  19121103        0.08442  20101221        0.08406  21013103
  435828.86000 3709531.04000       0.08397   152.00   152.00     0.00    1-HR  ALL
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0.08336  19120303        0.08445  20022718        0.08360  21011407
  435835.05000 3709509.04000       0.08339   151.91   177.06     0.00    1-HR  ALL
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  435847.44000 3709465.05000       0.08260   152.15   177.06     0.00    1-HR  ALL
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0.08177  19101202        0.08299  20121504        0.08292  21100406
  435853.64000 3709443.05000       0.08227   152.29   177.06     0.00    1-HR  ALL
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0.08182  19102222        0.08281  20122703        0.08252  21120605
  435859.83000 3709421.05000       0.08210   152.26   177.06     0.00    1-HR  ALL
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0.08152  19102222        0.08263  20103007        0.08273  21022303
  435636.82000 3710212.98000       0.08643   173.48   173.48     0.00    1-HR  ALL
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0.08589  19101224        0.08752  20121104        0.08643  21122705
  435637.56000 3710236.05000       0.08712   172.94   172.94     0.00    1-HR  ALL
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  435638.31000 3710259.12000       0.08742   171.19   171.19     0.00    1-HR  ALL
      8TH                     0.08697  17011324        0.08759  18092804
0.08735  19122123        0.08795  20022402        0.08723  21101803
  435543.01000 3710194.40000       0.08107   171.29   171.29     0.00    1-HR  ALL
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0.08071  19072004        0.08200  20021724        0.08095  21100224
  435549.15000 3710172.60000       0.08110   170.31   171.86     0.00    1-HR  ALL
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0.08066  19102922        0.08215  20012703        0.08145  21120101
  435555.29000 3710150.80000       0.08112   168.14   172.81     0.00    1-HR  ALL
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0.08081  19011903        0.08192  20120522        0.08169  21010908
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0.08076  19011903        0.08138  20012803        0.08210  21021923
  435567.57000 3710107.20000       0.08126   164.36   173.01     0.00    1-HR  ALL
      8TH                     0.08142  17012720        0.08091  18070803
0.08084  19012401        0.08144  20121423        0.08170  21010908
  435573.71000 3710085.40000       0.08111   161.56   173.01     0.00    1-HR  ALL
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0.08118  19012323        0.08109  20121423        0.08153  21122624
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0.08092  19102301        0.08046  20012201        0.08079  21122502
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0.08062  19110121        0.08038  20012201        0.08063  21103007
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0.09986  19020903        0.10149  20121104        0.10031  21100224
  435904.17000 3710608.12000       0.11248   154.93   183.60     0.00    1-HR  ALL
      8TH                     0.11201  17011602        0.11261  18012622
0.11427  19102303        0.11153  20011907        0.11198  21012406
  435912.11000 3710630.94000       0.11492   155.71   183.60     0.00    1-HR  ALL
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0.11801  19010906        0.11790  20090903        0.11698  21012106
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  435801.31000 3710595.67000       0.10319   147.26   183.60     0.00    1-HR  ALL
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0.25515  19122120        0.25928  20022718        0.25621  21013103
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0.26224  19012408        0.26776  20020608        0.26349  21020608
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0.23537  19110904        0.23675  20020119        0.23587  21021720
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0.24217  19111718        0.24513  20090606        0.24153  21110503
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0.18226  19021924        0.18347  20022621        0.18244  21012620
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0.17814  19011424        0.17802  20101322        0.17857  21022603
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  436383.83000 3709972.03000       0.14450   172.01   205.14     0.00    1-HR  ALL
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0.13100  19041721        0.13235  20100124        0.13063  21013002
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0.80915  19061006        0.85341  20120708        0.83827  21011503
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0.17544  19121508        0.17660  20120906        0.17636  21011208
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0.13167  19123121        0.13118  20120502        0.13034  21011802
  436137.98000 3710365.31000       0.12969   182.33   182.33     0.00    1-HR  ALL
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0.12944  19101224        0.13030  20022402        0.12923  21101803
  436021.10000 3710519.46000       0.12212   172.66   172.66     0.00    1-HR  ALL
      8TH                     0.12208  17011124        0.12245  18021424
0.12131  19010406        0.12186  20101606        0.12289  21010420
  436025.51000 3710480.25000       0.12177   173.69   181.77     0.00    1-HR  ALL
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0.12176  19121607        0.12201  20011823        0.12233  21121220
  436029.92000 3710441.05000       0.12118   177.19   180.54     0.00    1-HR  ALL
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0.12195  19120201        0.12096  20121803        0.12174  21010721
  436034.34000 3710401.85000       0.12069   180.96   180.96     0.00    1-HR  ALL
      8TH                     0.12022  17120219        0.12030  18101601
0.12180  19123121        0.12153  20011706        0.11961  21112401
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0.12236  19010902        0.12303  20121902        0.12231  21122823
  435921.23000 3710522.48000       0.11144   160.14   183.60     0.00    1-HR  ALL
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0.11070  19022224        0.11124  20122619        0.11220  21121306
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0.11192  19091506        0.11173  20101321        0.11333  21013124
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0.11200  19122901        0.11198  20122422        0.11210  21021403
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0.11181  19010424        0.11192  20123104        0.11140  21101101
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  435825.64000 3710487.53000       0.10310   163.15   183.60     0.00    1-HR  ALL
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  435830.06000 3710448.33000       0.10302   164.28   183.60     0.00    1-HR  ALL
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0.09670  19011221        0.09653  20021122        0.09542  21012105
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0.09259  19120506        0.09427  20022620        0.09433  21010822
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0.09626  19010902        0.09712  20100804        0.09549  21122823
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  435530.51000 3710457.01000       0.09370   128.53   183.60     0.00    1-HR  ALL
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0.17714  19102204        0.17765  20100305        0.17662  21093005
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0.16139  19012306        0.16196  20122302        0.16092  21120424
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0.21341 19012202   0.21287 20040323   0.21577 21051024
  436430.94000 3711023.68000   0.20830   138.58   186.78   0.00   1-HR ALL
      8TH   0.20921 17090905   0.20807 18032623
0.20795 19092601   0.20844 20010903   0.20783 21100423
  436408.50000 3710991.31000   0.20353   143.38   185.92   0.00   1-HR ALL
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0.20132  19052222        0.20191  20112207        0.20309  21123122
  436383.29000 3710877.65000       0.20037   158.69   178.15     0.00    1-HR  ALL
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0.19903  19112122        0.20084  20110121        0.20066  21022722
  436377.69000 3710838.66000       0.19684   161.45   179.60     0.00    1-HR  ALL
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0.19643  19122502        0.19720  20042320        0.19668  21040522
  436372.10000 3710799.67000       0.19345   166.18   179.39     0.00    1-HR  ALL
      8TH                     0.19197  17022701        0.19398  18021022
0.19336  19031307        0.19262  20010921        0.19534  21121305
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0.18660  19122504        0.18508  20011303        0.18430  21031107
  436569.25000 3711215.11000       0.24387   165.32   165.32     0.00    1-HR  ALL
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0.24785  19041603        0.24293  20092505        0.24417  21050522
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0.20355  19010519        0.21221  20010804        0.19969  21122507
  436455.14000 3711229.40000       0.20001   145.85   168.53     0.00    1-HR  ALL
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  436412.02000 3711167.20000       0.19388   137.26   169.44     0.00    1-HR  ALL
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0.19023  19052602        0.19536  20012006        0.19868  21022720
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0.18688  19073006        0.19042  20021005        0.19217  21012203
  436368.89000 3711105.00000       0.18574   137.03   178.15     0.00    1-HR  ALL
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0.18624  19103019        0.18440  20033002        0.18695  21121308
  436347.33000 3711073.90000       0.18265   137.73   179.60     0.00    1-HR  ALL
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0.18262  19040605        0.18284  20120821        0.18193  21020507
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0.17829  19121124        0.18173  20021905        0.17792  21040206
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0.17594  19122502        0.17372  20010123        0.17527  21020906
  436280.01000 3710843.12000       0.17232   156.60   180.23     0.00    1-HR  ALL
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  436274.64000 3710805.66000       0.17140   166.60   178.15     0.00    1-HR  ALL
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  436409.57000 3711334.48000       0.17588   144.03   165.77     0.00    1-HR  ALL
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0.17494  19010519        0.18155  20010804        0.17279  21021620
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0.17224  19051524        0.17562  20091403        0.17469  21020407
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0.16857  19022607        0.17255  20123023        0.17537  21102222
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0.16576  19042024        0.16675  20101923        0.16921  21012203
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0.16286  19032106        0.16411  20111823        0.16336  21112721
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0.11237 19010501 0.11129 20021205 0.10946 21122419
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0.30128  19010819        0.30231  20031320        0.29912  21102924
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0.30301  19040124        0.30431  20090506        0.30721  21021307
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0.23316  19040206        0.23610  20052923        0.23099  21113022
  436821.32000 3711344.26000       0.23637   132.54   175.59     0.00    1-HR  ALL
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0.23703  19013105        0.23789  20022822        0.23504  21052501
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0.18159  19042424        0.18153  20052923        0.17837  21071206
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      8TH                     0.14859  17032924        0.14511  18062624
0.14978  19041223        0.14732  20050202        0.14522  21040922
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0.14855  19051723        0.14792  20050904        0.14656  21050823
  436717.18000 3711717.86000       0.14659   153.38   175.59     0.00    1-HR  ALL
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0.14655  19042101        0.14747  20012424        0.14383  21052501
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  436483.55000 3711607.71000       0.14698   157.61   160.94     0.00    1-HR  ALL
      8TH                     0.14712  17032901        0.14521  18080324
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  436466.33000 3711592.97000       0.14753   153.11   162.03     0.00    1-HR  ALL
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  437018.23000 3710502.68000       2.55597    68.99   211.60     0.00    1-HR  ALL
      8TH                     2.56027  17032107        2.53427  18061306
2.56890  19051806        2.57803  20072006        2.53837  21111808
  437036.09000 3710435.70000       1.78064    68.89   211.60     0.00    1-HR  ALL
      8TH                     1.78064  17032107        1.76461  18122008
1.80018  19061806        1.79320  20072006        1.76459  21111808
  437094.14000 3710349.37000       0.43732    62.96   211.60     0.00    1-HR  ALL
      8TH                     0.46706  17040418        0.46306  18020817
0.47443  19030117        0.45982  20101817        0.32226  21021917
  437061.39000 3710282.39000       0.22342    66.23   211.60     0.00    1-HR  ALL
      8TH                     0.23357  17120817        0.24053  18022521
```

```
0.23369  19011204        0.21346  20030222        0.19588  21112417
  437037.58000 3710213.93000       0.15998    69.84   211.60     0.00    1-HR  ALL
      8TH                     0.16025  17042920        0.15947  18013017
0.17390  19031117        0.15550  20121906        0.15078  21111124
  437036.09000 3710167.79000       0.15321    71.21   211.60     0.00    1-HR  ALL
      8TH                     0.15636  17042921        0.15669  18020318
0.16523  19010717        0.14896  20030222        0.13880  21112117
  437070.32000 3710115.69000       0.09999    66.17   211.60     0.00    1-HR  ALL
      8TH                     0.10420  17042920        0.10876  18013017
0.10023  19010717        0.10081  20030301        0.08593  21112117
  437123.91000 3710072.53000       0.08132    56.80   211.60     0.00    1-HR  ALL
      8TH                     0.09106  17121417        0.09457  18122821
0.08051  19040922        0.07566  20020421        0.06482  21061106
  437222.14000 3710135.04000       0.10710    62.85   211.60     0.00    1-HR  ALL
      8TH                     0.10979  17022120        0.10288  18020817
0.11975  19121916        0.12207  20101817        0.08099  21110124
  437186.42000 3710196.07000       0.14252    62.85   211.60     0.00    1-HR  ALL
      8TH                     0.14561  17021020        0.13912  18021418
0.16350  19121916        0.16101  20101817        0.10335  21092118
  437176.00000 3710245.18000       0.18566    62.32   211.60     0.00    1-HR  ALL
      8TH                     0.18733  17091018        0.17319  18020717
0.21399  19040718        0.21832  20101817        0.13547  21010616
  437195.35000 3710271.98000       0.21404    62.16   211.60     0.00    1-HR  ALL
      8TH                     0.20534  17090518        0.20380  18102017
0.23773  19090618        0.24840  20101817        0.17491  21041918
  437262.33000 3710316.63000       0.19465    63.44   211.60     0.00    1-HR  ALL
      8TH                     0.17501  17041918        0.18306  18010616
0.22190  19101417        0.18711  20101317        0.20617  21020717
  437296.56000 3710364.26000       0.16241    64.35   211.60     0.00    1-HR  ALL
      8TH                     0.15068  17041718        0.16551  18042718
0.16306  19032917        0.14412  20090918        0.18869  21020317
  437295.07000 3710425.28000       0.16858    65.66   211.60     0.00    1-HR  ALL
      8TH                     0.16089  17041318        0.15481  18072506
0.18679  19122116        0.15797  20121408        0.18245  21101617
  437305.49000 3710466.96000       0.16441    69.66   211.60     0.00    1-HR  ALL
      8TH                     0.15794  17051106        0.15260  18041218
0.18418  19032917        0.16015  20061106        0.16718  21070806
  437274.24000 3710557.75000       0.20669    67.68   211.60     0.00    1-HR  ALL
      8TH                     0.20308  17051306        0.20206  18033107
0.21497  19072206        0.21090  20061106        0.20245  21012507
  437244.47000 3710642.59000       0.25420    66.46   211.60     0.00    1-HR  ALL
      8TH                     0.24032  17050621        0.23865  18122508
0.31026  19050818        0.24443  20121108        0.23736  21070206
  437260.84000 3710791.43000       0.19545    67.57   211.60     0.00    1-HR  ALL
      8TH                     0.17054  17030518        0.17734  18052118
0.21797  19120820        0.20300  20053005        0.20841  21020417
  437210.23000 3710813.76000       0.27997    60.83   211.60     0.00    1-HR  ALL
      8TH                     0.24526  17013117        0.25565  18010618
0.30490  19120820        0.29691  20102020        0.29713  21052421
  437162.60000 3710772.08000       0.41493    64.51   211.60     0.00    1-HR  ALL
```

```
      8TH                     0.36078  17051022        0.40172  18033004
0.42914  19040518        0.44154  20102020        0.44146  21071304
  437001.86000 3710778.03000       1.40119    66.48   211.60     0.00    1-HR  ALL
      8TH                     1.40370  17091523        1.35866  18100501
1.39708  19120820        1.43300  20050703        1.41349  21071304
  436979.53000 3710783.99000       1.78344    67.59   211.60     0.00    1-HR  ALL
      8TH                     1.59784  17091523        1.78278  18081403
1.88574  19082823        1.86500  20092722        1.78582  21111720
```

 *** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

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

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          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 =      3.8 MB of RAM.

 **Input Runstream File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-PM2.5\BEEST_2017-2021_PM_2.5.DTA

 **Output Print File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-PM2.5\BEEST_2017-2021_PM_2.5.LST


 **File for Summary of Results:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-PM2.5\BEEST_2017-2021_PM_2.5.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:54:00

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)
```

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

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

Surface file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93184 Upper air station no.: 3190
Name: J. WAYNE-ORANGE COUNTY AIRPORT, CA 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)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:54:00

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF PM_2.5   IN MICROGRAMS/M**3
             **


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

ALL       1ST HIGHEST VALUE IS       0.08081 AT (  437021.21,  3710584.54,    65.64,
  211.60,    0.00)  DC
          2ND HIGHEST VALUE IS       0.06302 AT (  436964.65,  3710655.98,    69.13,
  211.60,    0.00)  DC
          3RD HIGHEST VALUE IS       0.05816 AT (  437018.23,  3710502.68,    68.99,
  211.60,    0.00)  DC
          4TH HIGHEST VALUE IS       0.04406 AT (  436970.60,  3710769.10,    68.51,
  211.60,    0.00)  DC
          5TH HIGHEST VALUE IS       0.04158 AT (  436955.72,  3710755.71,    70.49,
  211.60,    0.00)  DC
          6TH HIGHEST VALUE IS       0.04057 AT (  437036.09,  3710435.70,    68.89,
  211.60,    0.00)  DC
          7TH HIGHEST VALUE IS       0.02737 AT (  436979.53,  3710783.99,    67.59,
  211.60,    0.00)  DC
          8TH HIGHEST VALUE IS       0.02707 AT (  437001.86,  3710778.03,    66.48,
  211.60,    0.00)  DC
```

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

A Total of   0 Fatal Error Message(s)
A Total of   41 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   1374   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   1374   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

CN W732   1176   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2017021824
CN W732   10368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
CN W732   12408   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
CN W732   22848   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024
CN W732   28032   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
CN W732   28056   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
CN W732   28080   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
CN W732   28104   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
CN W732   28512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
CN W732   28536   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
CN W732   28632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
CN W732   28944   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
CN W732   33024   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
CN W732   33096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024

 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224
 CN W732   34032   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   34080   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   34104   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   34128   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   34152   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   34176   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   34200   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   34680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   34824   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   35280   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   35304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   35328   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   35352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   35616   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   35640   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   35664   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524
 CN W732   36816   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   37200   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024
 CN W732   37296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   38760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   39888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021072024
 CN W732   40920   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   41808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824
 CN W732   41832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924

```
* AERMOD (24142 ): C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc       11/19/25
* AERMET ( 22112):
      07:54:00
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS   5 YEARS FOR SOURCE GROUP: ALL

*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE      GRP
     NUM YRS   NET ID
* ______________  _____________  _____________   ______   ______   ______  ______
________  ________  ________
  437003.71000 3710828.00000       0.01011    68.46   211.60     0.00  ANNUAL  ALL
    00000005
  437026.67000 3710827.15000       0.00934    67.05   211.60     0.00  ANNUAL  ALL
    00000005
  437049.64000 3710826.30000       0.00831    65.99   211.60     0.00  ANNUAL  ALL
    00000005
  437072.60000 3710825.45000       0.00735    65.37   211.60     0.00  ANNUAL  ALL
    00000005
  437095.56000 3710824.60000       0.00655    65.10   211.60     0.00  ANNUAL  ALL
    00000005
  437118.52000 3710823.75000       0.00588    64.96   211.60     0.00  ANNUAL  ALL
    00000005
  437141.49000 3710822.90000       0.00531    64.83   211.60     0.00  ANNUAL  ALL
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BESS\Compass\Compass.isc       11/19/25
* AERMET ( 22112):
       07:54:00
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
* ______________  ______________  ______________   ______   ______   ______  ______
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    1ST                 17020624
436476.64000 3712082.99000       0.00122   139.78   156.10     0.00   24-HR  ALL
    1ST                 17020624
436436.60000 3712066.77000       0.00126   146.24   149.81     0.00   24-HR  ALL
    1ST                 20031324
436298.14000 3711948.30000       0.00181   115.46   175.59     0.00   24-HR  ALL
    1ST                 20031324
436280.83000 3711933.49000       0.00176   113.87   175.59     0.00   24-HR  ALL
    1ST                 20031324
436263.52000 3711918.68000       0.00169   112.82   175.59     0.00   24-HR  ALL
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436246.21000 3711903.87000       0.00161   111.74   175.59     0.00   24-HR  ALL
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436228.91000 3711889.06000       0.00152   111.48   175.59     0.00   24-HR  ALL
    1ST                 20031324
436211.60000 3711874.26000       0.00146   109.48   175.59     0.00   24-HR  ALL
    1ST                 20031324
436194.29000 3711859.45000       0.00137   109.28   175.59     0.00   24-HR  ALL
    1ST                 20031324
436176.98000 3711844.64000       0.00129   108.64   175.59     0.00   24-HR  ALL
    1ST                 20031324
436159.67000 3711829.83000       0.00121   108.46   175.59     0.00   24-HR  ALL
    1ST                 20031324
436142.37000 3711815.02000       0.00114   108.18   175.59     0.00   24-HR  ALL
    1ST                 20031324
436125.06000 3711800.21000       0.00113   107.95   175.59     0.00   24-HR  ALL
    1ST                 19122524
436107.75000 3711785.41000       0.00117   107.71   175.59     0.00   24-HR  ALL
    1ST                 19122524
436090.44000 3711770.60000       0.00119   107.41   175.59     0.00   24-HR  ALL
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436073.13000 3711755.79000       0.00121   107.18   175.30     0.00   24-HR  ALL
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436055.83000 3711740.98000       0.00122   106.73   162.03     0.00   24-HR  ALL
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    1ST               19020324
436038.52000 3711726.17000       0.00133   105.87   162.03     0.00   24-HR  ALL
    1ST               19020324
436021.21000 3711711.36000       0.00144   105.04   162.03     0.00   24-HR  ALL
    1ST               19020324
436003.90000 3711696.56000       0.00153   103.96   162.03     0.00   24-HR  ALL
    1ST               19020324
435986.59000 3711681.75000       0.00162   102.33   162.03     0.00   24-HR  ALL
    1ST               19020324
435969.29000 3711666.94000       0.00169   101.19   162.03     0.00   24-HR  ALL
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435951.98000 3711652.13000       0.00174   100.53   162.03     0.00   24-HR  ALL
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435830.82000 3711548.47000       0.00168    97.58   155.69     0.00   24-HR  ALL
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435796.21000 3711518.86000       0.00158    98.00   155.69     0.00   24-HR  ALL
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437340.56000 3712136.64000       0.00099    78.45   175.59     0.00   24-HR  ALL
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437343.73000 3712231.85000       0.00098    82.30   175.59     0.00   24-HR  ALL
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437298.49000 3712229.04000       0.00098    85.68   175.59     0.00   24-HR  ALL
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437275.87000 3712227.64000       0.00095    86.57   175.59     0.00   24-HR  ALL
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437208.02000 3712223.42000       0.00104    90.91   175.59     0.00   24-HR  ALL
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437185.40000 3712222.02000       0.00109    92.63   175.59     0.00   24-HR  ALL
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437162.78000 3712220.61000       0.00112    94.27   175.59     0.00   24-HR  ALL
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437140.16000 3712219.21000       0.00115    96.10   175.59     0.00   24-HR  ALL
    1ST               17071624
437117.54000 3712217.80000       0.00117    97.83   175.59     0.00   24-HR  ALL
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437094.92000 3712216.40000       0.00118    99.77   175.59     0.00   24-HR  ALL
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437072.31000 3712214.99000       0.00117   101.38   175.59     0.00   24-HR  ALL
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437049.69000 3712213.59000       0.00115   103.19   175.59     0.00   24-HR  ALL
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437004.45000 3712210.78000       0.00116   114.82   155.77     0.00   24-HR  ALL
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436959.21000 3712207.97000       0.00109   136.03   147.10     0.00   24-HR  ALL
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436868.74000 3712202.35000       0.00113   143.99   143.99     0.00   24-HR  ALL
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436846.12000 3712200.95000       0.00120   143.13   143.13     0.00   24-HR  ALL
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436823.50000 3712199.54000       0.00127   141.53   143.95     0.00   24-HR  ALL
    1ST                21071224
436710.41000 3712192.52000       0.00139   136.28   155.77     0.00   24-HR  ALL
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436687.79000 3712191.11000       0.00135   137.36   155.14     0.00   24-HR  ALL
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436665.17000 3712189.71000       0.00128   138.04   155.92     0.00   24-HR  ALL
    1ST                21071224
436642.55000 3712188.31000       0.00120   139.44   155.92     0.00   24-HR  ALL
    1ST                21071224
436619.93000 3712186.90000       0.00110   142.29   155.92     0.00   24-HR  ALL
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436597.31000 3712185.50000       0.00099   145.80   150.38     0.00   24-HR  ALL
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436574.70000 3712184.09000       0.00090   147.38   155.82     0.00   24-HR  ALL
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436552.08000 3712182.69000       0.00096   148.09   155.82     0.00   24-HR  ALL
    1ST                17020624
436529.46000 3712181.28000       0.00100   149.33   156.10     0.00   24-HR  ALL
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436506.84000 3712179.88000       0.00103   151.70   155.82     0.00   24-HR  ALL
    1ST                17020624
436484.22000 3712178.47000       0.00106   153.27   153.27     0.00   24-HR  ALL
    1ST                17020624
436461.60000 3712177.07000       0.00108   153.61   153.61     0.00   24-HR  ALL
    1ST                17020624
436438.98000 3712175.66000       0.00109   152.55   154.19     0.00   24-HR  ALL
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436399.15000 3712159.53000       0.00115   149.24   149.24     0.00   24-HR  ALL
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436381.93000 3712144.79000       0.00125   149.32   149.32     0.00   24-HR  ALL
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436364.71000 3712130.06000       0.00134   148.81   148.81     0.00   24-HR  ALL
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436347.49000 3712115.33000       0.00142   145.11   149.58     0.00   24-HR  ALL
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436330.27000 3712100.59000       0.00149   140.37   149.84     0.00   24-HR  ALL
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436313.05000 3712085.86000       0.00154   136.03   156.06     0.00   24-HR  ALL
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436295.83000 3712071.13000       0.00155   133.97   156.06     0.00   24-HR  ALL
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436278.61000 3712056.40000       0.00154   132.59   156.06     0.00   24-HR  ALL
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436244.17000 3712026.93000       0.00143   132.90   149.61     0.00   24-HR  ALL
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436226.95000 3712012.20000       0.00132   135.62   141.43     0.00   24-HR  ALL
    1ST                20031324
436209.73000 3711997.46000       0.00121   138.84   141.38     0.00   24-HR  ALL
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436192.51000 3711982.73000       0.00110   139.94   139.94     0.00   24-HR  ALL
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436175.29000 3711968.00000       0.00101   140.49   140.49     0.00   24-HR  ALL
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436158.07000 3711953.27000       0.00094   138.35   140.96     0.00   24-HR  ALL
    1ST                20031324
436140.85000 3711938.53000       0.00089   134.43   141.43     0.00   24-HR  ALL
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436123.63000 3711923.80000       0.00090   127.92   141.43     0.00   24-HR  ALL
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436106.41000 3711909.07000       0.00096   121.05   141.43     0.00   24-HR  ALL
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436089.19000 3711894.33000       0.00097   117.88   141.43     0.00   24-HR  ALL
    1ST                19020424
436071.97000 3711879.60000       0.00097   117.17   141.43     0.00   24-HR  ALL
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436054.75000 3711864.87000       0.00100   116.81   141.43     0.00   24-HR  ALL
    1ST                19122524
436037.53000 3711850.14000       0.00102   116.42   141.43     0.00   24-HR  ALL
    1ST                19122524
436020.31000 3711835.40000       0.00105   114.26   141.43     0.00   24-HR  ALL
    1ST                19122524
436003.09000 3711820.67000       0.00109   111.22   141.43     0.00   24-HR  ALL
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435985.87000 3711805.94000       0.00113   110.06   141.43     0.00   24-HR  ALL
    1ST                19020324
435968.65000 3711791.20000       0.00124   108.79   141.43     0.00   24-HR  ALL
    1ST                19020324
435951.43000 3711776.47000       0.00133   107.99   141.43     0.00   24-HR  ALL
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435934.21000 3711761.74000       0.00142   106.23   141.43     0.00   24-HR  ALL
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435916.99000 3711747.01000       0.00149   105.14   141.43     0.00   24-HR  ALL
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435899.77000 3711732.27000       0.00155   104.47   141.20     0.00   24-HR  ALL
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435882.55000 3711717.54000       0.00160   101.68   141.43     0.00   24-HR  ALL
    1ST                19020324
435865.34000 3711702.81000       0.00163    98.49   141.43     0.00   24-HR  ALL
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435710.36000 3711570.21000       0.00142    95.71   154.79     0.00   24-HR  ALL
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436970.60000 3710769.10000       0.06328    68.51   211.60     0.00   24-HR  ALL
    1ST               20112524
436955.72000 3710755.71000       0.06284    70.49   211.60     0.00   24-HR  ALL
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436964.65000 3710655.98000       0.09315    69.13   211.60     0.00   24-HR  ALL
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437021.21000 3710584.54000       0.11347    65.64   211.60     0.00   24-HR  ALL
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437018.23000 3710502.68000       0.08446    68.99   211.60     0.00   24-HR  ALL
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437036.09000 3710435.70000       0.05732    68.89   211.60     0.00   24-HR  ALL
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437094.14000 3710349.37000       0.01140    62.96   211.60     0.00   24-HR  ALL
    1ST               18120924
437061.39000 3710282.39000       0.00623    66.23   211.60     0.00   24-HR  ALL
    1ST               21011024
437037.58000 3710213.93000       0.00428    69.84   211.60     0.00   24-HR  ALL
    1ST               20122924
437036.09000 3710167.79000       0.00354    71.21   211.60     0.00   24-HR  ALL
    1ST               20122924
437070.32000 3710115.69000       0.00267    66.17   211.60     0.00   24-HR  ALL
    1ST               21011024
437123.91000 3710072.53000       0.00219    56.80   211.60     0.00   24-HR  ALL
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437222.14000 3710135.04000       0.00265    62.85   211.60     0.00   24-HR  ALL
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437186.42000 3710196.07000       0.00355    62.85   211.60     0.00   24-HR  ALL
    1ST               18120924
437176.00000 3710245.18000       0.00453    62.32   211.60     0.00   24-HR  ALL
    1ST               18120924
437195.35000 3710271.98000       0.00483    62.16   211.60     0.00   24-HR  ALL
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437262.33000 3710316.63000       0.00457    63.44   211.60     0.00   24-HR  ALL
    1ST               18020124
437296.56000 3710364.26000       0.00454    64.35   211.60     0.00   24-HR  ALL
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437295.07000 3710425.28000       0.00539    65.66   211.60     0.00   24-HR  ALL
    1ST               21012524
437305.49000 3710466.96000       0.00554    69.66   211.60     0.00   24-HR  ALL
    1ST               21012524
437274.24000 3710557.75000       0.00705    67.68   211.60     0.00   24-HR  ALL
    1ST               21011024
437244.47000 3710642.59000       0.00825    66.46   211.60     0.00   24-HR  ALL
    1ST               21011024
437260.84000 3710791.43000       0.00517    67.57   211.60     0.00   24-HR  ALL
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    1ST                 21011024
437210.23000 3710813.76000       0.00606    60.83   211.60     0.00   24-HR  ALL
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437162.60000 3710772.08000       0.00984    64.51   211.60     0.00   24-HR  ALL
    1ST                 20112024
437001.86000 3710778.03000       0.03816    66.48   211.60     0.00   24-HR  ALL
    1ST                 20112324
436979.53000 3710783.99000       0.03906    67.59   211.60     0.00   24-HR  ALL
    1ST                 20112324
```

 *** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

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

 **The AERMET Input Meteorological Data Version Date:  22112

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          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 =      3.8 MB of RAM.

 **Input Runstream File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-PM10\BEEST_2017-2021_PM_10.DTA

 **Output Print File:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-PM10\BEEST_2017-2021_PM_10.LST


 **File for Summary of Results:
C:\Users\apoll\Desktop\HRAs\Compass-AAQA-PM10\BEEST_2017-2021_PM_10.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        05:30:21

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)
```

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1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV NODRYDPLT NOWETDPLT URBAN ADJ_U*

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

Surface file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: C:\Users\apoll\Desktop\HRAs\msvj_sfc_pfl\MSVJ_V11_trimmed.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93184 Upper air station no.: 3190
Name: J. WAYNE-ORANGE COUNTY AIRPORT, CA 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)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        05:30:21

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   5 YEARS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


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

ALL       1ST HIGHEST VALUE IS       0.14483 AT (  437021.21,  3710584.54,    65.64,
  211.60,    0.00)  DC
          2ND HIGHEST VALUE IS       0.11295 AT (  436964.65,  3710655.98,    69.13,
  211.60,    0.00)  DC
          3RD HIGHEST VALUE IS       0.10424 AT (  437018.23,  3710502.68,    68.99,
  211.60,    0.00)  DC
          4TH HIGHEST VALUE IS       0.07896 AT (  436970.60,  3710769.10,    68.51,
  211.60,    0.00)  DC
          5TH HIGHEST VALUE IS       0.07452 AT (  436955.72,  3710755.71,    70.49,
  211.60,    0.00)  DC
          6TH HIGHEST VALUE IS       0.07270 AT (  437036.09,  3710435.70,    68.89,
  211.60,    0.00)  DC
          7TH HIGHEST VALUE IS       0.04906 AT (  436979.53,  3710783.99,    67.59,
  211.60,    0.00)  DC
          8TH HIGHEST VALUE IS       0.04852 AT (  437001.86,  3710778.03,    66.48,
  211.60,    0.00)  DC
```

```
         9TH HIGHEST VALUE IS       0.03974 AT (  436970.50,  3710565.89,    72.53,
  211.60,    0.00)  DC
        10TH HIGHEST VALUE IS       0.03450 AT (  436953.73,  3710589.22,    74.71,
  211.60,    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   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        05:30:21

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 24-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

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

ALL      HIGH   1ST HIGH VALUE IS       0.20337m ON 20112524: AT (  437021.21,
3710584.54,    65.64,   211.60,    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   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        05:30:21

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN  ADJ_U*

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

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

A Total of   0 Fatal Error Message(s)
A Total of   41 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   1374   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   1374   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

CN W732   1176   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2017021824
CN W732   10368   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018030824
CN W732   12408   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2018060124
CN W732   22848   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2019081024
CN W732   28032   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031324
CN W732   28056   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031424
CN W732   28080   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031524
CN W732   28104   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020031624
CN W732   28512   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040224
CN W732   28536   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040324
CN W732   28632   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020040724
CN W732   28944   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020042024
CN W732   33024   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020100724
CN W732   33096   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020101024

 CN W732   33888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111224
 CN W732   34032   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020111824
 CN W732   34080   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112024
 CN W732   34104   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112124
 CN W732   34128   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112224
 CN W732   34152   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112324
 CN W732   34176   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112424
 CN W732   34200   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020112524
 CN W732   34680   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020121524
 CN W732   34824   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2020122124
 CN W732   35280   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021010924
 CN W732   35304   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011024
 CN W732   35328   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011124
 CN W732   35352   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021011224
 CN W732   35616   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012324
 CN W732   35640   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012424
 CN W732   35664   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021012524
 CN W732   36816   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021031424
 CN W732   37200   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021033024
 CN W732   37296   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021040324
 CN W732   38760   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021060324
 CN W732   39888   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021072024
 CN W732   40920   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021090124
 CN W732   41808   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100824
 CN W732   41832   AVER: 24-hr avg, < 18 hours of data, calms policy used.
2021100924

```
* AERMOD (24142 ): C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc       11/19/25
* AERMET ( 22112):
      05:30:21
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS   5 YEARS FOR SOURCE GROUP: ALL

*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE      GRP
     NUM YRS   NET ID
* ______________  _____________  _____________   ______   ______   ______  ______
_________  ________  _________
  437003.71000 3710828.00000       0.01811    68.46   211.60     0.00  ANNUAL  ALL
    00000005
  437026.67000 3710827.15000       0.01673    67.05   211.60     0.00  ANNUAL  ALL
    00000005
  437049.64000 3710826.30000       0.01489    65.99   211.60     0.00  ANNUAL  ALL
    00000005
  437072.60000 3710825.45000       0.01318    65.37   211.60     0.00  ANNUAL  ALL
    00000005
  437095.56000 3710824.60000       0.01174    65.10   211.60     0.00  ANNUAL  ALL
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  437118.52000 3710823.75000       0.01054    64.96   211.60     0.00  ANNUAL  ALL
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  437141.49000 3710822.90000       0.00952    64.83   211.60     0.00  ANNUAL  ALL
    00000005
  437164.45000 3710822.05000       0.00863    64.68   211.60     0.00  ANNUAL  ALL
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  437005.56000 3710877.96000       0.01030    69.70   211.60     0.00  ANNUAL  ALL
    00000005
  437028.52000 3710877.11000       0.01014    68.21   211.60     0.00  ANNUAL  ALL
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  437051.48000 3710876.26000       0.00970    66.84   211.60     0.00  ANNUAL  ALL
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  437074.45000 3710875.41000       0.00911    65.86   211.60     0.00  ANNUAL  ALL
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  437097.41000 3710874.56000       0.00849    65.46   211.60     0.00  ANNUAL  ALL
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  437120.37000 3710873.71000       0.00788    65.31   211.60     0.00  ANNUAL  ALL
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  437143.34000 3710872.86000       0.00729    65.17   211.60     0.00  ANNUAL  ALL
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  437166.30000 3710872.01000       0.00674    65.03   211.60     0.00  ANNUAL  ALL
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  437007.41000 3710927.93000       0.00711    72.19   205.14     0.00  ANNUAL  ALL
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437099.26000 3710924.53000 0.00633 65.88 210.88 0.00 ANNUAL ALL
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437122.22000 3710923.68000 0.00602 65.61 210.88 0.00 ANNUAL ALL
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437009.26000 3710977.89000 0.00545 76.76 205.14 0.00 ANNUAL ALL
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437032.22000 3710977.04000 0.00523 71.74 205.14 0.00 ANNUAL ALL
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437055.18000 3710976.19000 0.00510 68.66 205.14 0.00 ANNUAL ALL
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437016.66000 3711177.76000 0.00248 84.57 205.14 0.00 ANNUAL ALL
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437156.28000 3711222.62000       0.00191    68.32   205.14     0.00  ANNUAL  ALL
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437192.19000 3711571.53000       0.00090    70.67   185.92     0.00  ANNUAL  ALL
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437035.15000 3711677.41000       0.00075   106.53   175.59     0.00  ANNUAL  ALL
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437058.11000 3711676.56000       0.00077   103.44   175.59     0.00  ANNUAL  ALL
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  00000005
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* AERMET ( 22112):
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* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  NODRYDPLT  NOWETDPLT  URBAN
ADJ_U*
*         PLOT FILE OF  HIGH   1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
* ______________  ______________  ______________   _______   _______   _______  _______
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436399.15000 3712159.53000       0.00206   149.24   149.24     0.00   24-HR  ALL
    1ST                20031324
436381.93000 3712144.79000       0.00225   149.32   149.32     0.00   24-HR  ALL
    1ST                20031324
436364.71000 3712130.06000       0.00241   148.81   148.81     0.00   24-HR  ALL
    1ST                20031324
436347.49000 3712115.33000       0.00255   145.11   149.58     0.00   24-HR  ALL
    1ST                20031324
436330.27000 3712100.59000       0.00267   140.37   149.84     0.00   24-HR  ALL
    1ST                20031324
436313.05000 3712085.86000       0.00276   136.03   156.06     0.00   24-HR  ALL
    1ST                20031324
436295.83000 3712071.13000       0.00279   133.97   156.06     0.00   24-HR  ALL
```

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    1ST                20031324
436278.61000 3712056.40000       0.00276   132.59   156.06     0.00   24-HR  ALL
    1ST                20031324
436261.39000 3712041.66000       0.00270   131.44   149.84     0.00   24-HR  ALL
    1ST                20031324
436244.17000 3712026.93000       0.00256   132.90   149.61     0.00   24-HR  ALL
    1ST                20031324
436226.95000 3712012.20000       0.00237   135.62   141.43     0.00   24-HR  ALL
    1ST                20031324
436209.73000 3711997.46000       0.00216   138.84   141.38     0.00   24-HR  ALL
    1ST                20031324
436192.51000 3711982.73000       0.00198   139.94   139.94     0.00   24-HR  ALL
    1ST                20031324
436175.29000 3711968.00000       0.00181   140.49   140.49     0.00   24-HR  ALL
    1ST                20031324
436158.07000 3711953.27000       0.00168   138.35   140.96     0.00   24-HR  ALL
    1ST                20031324
436140.85000 3711938.53000       0.00160   134.43   141.43     0.00   24-HR  ALL
    1ST                20031324
436123.63000 3711923.80000       0.00161   127.92   141.43     0.00   24-HR  ALL
    1ST                19020424
436106.41000 3711909.07000       0.00171   121.05   141.43     0.00   24-HR  ALL
    1ST                19020424
436089.19000 3711894.33000       0.00175   117.88   141.43     0.00   24-HR  ALL
    1ST                19020424
436071.97000 3711879.60000       0.00173   117.17   141.43     0.00   24-HR  ALL
    1ST                19122524
436054.75000 3711864.87000       0.00179   116.81   141.43     0.00   24-HR  ALL
    1ST                19122524
436037.53000 3711850.14000       0.00183   116.42   141.43     0.00   24-HR  ALL
    1ST                19122524
436020.31000 3711835.40000       0.00188   114.26   141.43     0.00   24-HR  ALL
    1ST                19122524
436003.09000 3711820.67000       0.00195   111.22   141.43     0.00   24-HR  ALL
    1ST                19122524
435985.87000 3711805.94000       0.00203   110.06   141.43     0.00   24-HR  ALL
    1ST                19020324
435968.65000 3711791.20000       0.00221   108.79   141.43     0.00   24-HR  ALL
    1ST                19020324
435951.43000 3711776.47000       0.00238   107.99   141.43     0.00   24-HR  ALL
    1ST                19020324
435934.21000 3711761.74000       0.00254   106.23   141.43     0.00   24-HR  ALL
    1ST                19020324
435916.99000 3711747.01000       0.00267   105.14   141.43     0.00   24-HR  ALL
    1ST                19020324
435899.77000 3711732.27000       0.00278   104.47   141.20     0.00   24-HR  ALL
    1ST                19020324
435882.55000 3711717.54000       0.00287   101.68   141.43     0.00   24-HR  ALL
    1ST                19020324
435865.34000 3711702.81000       0.00293    98.49   141.43     0.00   24-HR  ALL
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    1ST                19020324
435727.58000 3711584.95000       0.00263    95.58   154.79     0.00   24-HR  ALL
    1ST                19020324
435710.36000 3711570.21000       0.00255    95.71   154.79     0.00   24-HR  ALL
    1ST                19020324
436970.60000 3710769.10000       0.11341    68.51   211.60     0.00   24-HR  ALL
    1ST                20112524
436955.72000 3710755.71000       0.11263    70.49   211.60     0.00   24-HR  ALL
    1ST                20112524
436964.65000 3710655.98000       0.16694    69.13   211.60     0.00   24-HR  ALL
    1ST                20112524
437021.21000 3710584.54000       0.20337    65.64   211.60     0.00   24-HR  ALL
    1ST                20112524
437018.23000 3710502.68000       0.15137    68.99   211.60     0.00   24-HR  ALL
    1ST                20112524
437036.09000 3710435.70000       0.10273    68.89   211.60     0.00   24-HR  ALL
    1ST                20112124
437094.14000 3710349.37000       0.02043    62.96   211.60     0.00   24-HR  ALL
    1ST                18120924
437061.39000 3710282.39000       0.01117    66.23   211.60     0.00   24-HR  ALL
    1ST                21011024
437037.58000 3710213.93000       0.00767    69.84   211.60     0.00   24-HR  ALL
    1ST                20122924
437036.09000 3710167.79000       0.00635    71.21   211.60     0.00   24-HR  ALL
    1ST                20122924
437070.32000 3710115.69000       0.00478    66.17   211.60     0.00   24-HR  ALL
    1ST                21011024
437123.91000 3710072.53000       0.00392    56.80   211.60     0.00   24-HR  ALL
    1ST                21011024
437222.14000 3710135.04000       0.00474    62.85   211.60     0.00   24-HR  ALL
    1ST                18120924
437186.42000 3710196.07000       0.00636    62.85   211.60     0.00   24-HR  ALL
    1ST                18120924
437176.00000 3710245.18000       0.00811    62.32   211.60     0.00   24-HR  ALL
    1ST                18120924
437195.35000 3710271.98000       0.00865    62.16   211.60     0.00   24-HR  ALL
    1ST                18120924
437262.33000 3710316.63000       0.00818    63.44   211.60     0.00   24-HR  ALL
    1ST                18020124
437296.56000 3710364.26000       0.00813    64.35   211.60     0.00   24-HR  ALL
    1ST                21012524
437295.07000 3710425.28000       0.00966    65.66   211.60     0.00   24-HR  ALL
    1ST                21012524
437305.49000 3710466.96000       0.00993    69.66   211.60     0.00   24-HR  ALL
    1ST                21012524
437274.24000 3710557.75000       0.01263    67.68   211.60     0.00   24-HR  ALL
    1ST                21011024
437244.47000 3710642.59000       0.01478    66.46   211.60     0.00   24-HR  ALL
    1ST                21011024
437260.84000 3710791.43000       0.00927    67.57   211.60     0.00   24-HR  ALL
```

```
    1ST                 21011024
437210.23000 3710813.76000       0.01085    60.83   211.60     0.00   24-HR  ALL
    1ST                 20112024
437162.60000 3710772.08000       0.01763    64.51   211.60     0.00   24-HR  ALL
    1ST                 20112024
437001.86000 3710778.03000       0.06838    66.48   211.60     0.00   24-HR  ALL
    1ST                 20112324
436979.53000 3710783.99000       0.07000    67.59   211.60     0.00   24-HR  ALL
    1ST                 20112324
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

```
 **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 Concurrent Values for Postprocessing
(POSTFILE 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 =      4.3 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   ***        11/19/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        18:24:34

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                            (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** 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	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)
```

```
                                                 *** THE SUMMARY OF HIGHEST MONTH
RESULTS ***


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

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

ALL      HIGH   1ST HIGH VALUE IS       0.00045b ON 20113024: AT (  437021.21,
3710584.54,    65.64,   211.60,    0.00)  DC


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

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

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

A Total of            0 Fatal Error Message(s)
A Total of          315 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   ********
SO W320    1195        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1196        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1197        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1198        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1199        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1200        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1201        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1202        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1203        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1204        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1205        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1206        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1207        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1208        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1209        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1210        VPARM: Input Parameter May Be Out-of-Range for Parameter
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      QS
SO W320    1211        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1212        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1213        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1214        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1215        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1216        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1217        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1218        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1219        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1220        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1221        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1222        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1223        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1224        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1225        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1226        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1227        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1228        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1229        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1230        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1231        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1232        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1233        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1234        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1235        VPARM: Input Parameter May Be Out-of-Range for Parameter
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      QS
SO W320    1236        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1237        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1238        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1239        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1240        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1241        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1242        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1243        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1244        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1245        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1246        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1247        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1248        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1249        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1250        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1251        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1252        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1253        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1254        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1255        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1256        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1257        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1258        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
SO W320    1259        VPARM: Input Parameter May Be Out-of-Range for Parameter
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SO W320    1260        VPARM: Input Parameter May Be Out-of-Range for Parameter
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SO W320    1507        VPARM: Input Parameter May Be Out-of-Range for Parameter
      QS
ME W186    1534       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    1534       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

```
LEADPOST VERSION 13262
Program start date & time: November 20, 2025   5:28:02 AM

Period of rolling averages:  January 2017 to December 2021

############################## INPUT FILES ##############################

Input concentration file type:  AERMOD POSTFILE

  1 input concentration files:

ALL_MONTH.PST

Checking for duplicate filenames

No duplicate filenames found

########################################################################

############################## SOURCE GROUPS ############################

Only one source group is present, do not calculate a total group

    1 groups will be processed
  Groups are:
  ALL

The number of receptors is:      4907

########################################################################

######################### INPUT CONCENTRATIONS #########################

Reading concentration file: ALL_MONTH.PST
 Checking for deposition output

All concentrations read

########################################################################

############################## CALCULATIONS #############################

Calculating 3-month rolling averages for:         4907 receptors

Calculating 3-month average for: March 2017
Calculating 3-month average for: April 2017
Calculating 3-month average for: May 2017
Calculating 3-month average for: June 2017
Calculating 3-month average for: July 2017
Calculating 3-month average for: August 2017
```

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Calculating 3-month average for: September 2017
Calculating 3-month average for: October 2017
Calculating 3-month average for: November 2017
Calculating 3-month average for: December 2017
Calculating 3-month average for: January 2018
Calculating 3-month average for: February 2018
Calculating 3-month average for: March 2018
Calculating 3-month average for: April 2018
Calculating 3-month average for: May 2018
Calculating 3-month average for: June 2018
Calculating 3-month average for: July 2018
Calculating 3-month average for: August 2018
Calculating 3-month average for: September 2018
Calculating 3-month average for: October 2018
Calculating 3-month average for: November 2018
Calculating 3-month average for: December 2018
Calculating 3-month average for: January 2019
Calculating 3-month average for: February 2019
Calculating 3-month average for: March 2019
Calculating 3-month average for: April 2019
Calculating 3-month average for: May 2019
Calculating 3-month average for: June 2019
Calculating 3-month average for: July 2019
Calculating 3-month average for: August 2019
Calculating 3-month average for: September 2019
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Calculating 3-month average for: May 2020
Calculating 3-month average for: June 2020
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Calculating 3-month average for: August 2020
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Calculating 3-month average for: January 2021
Calculating 3-month average for: February 2021
Calculating 3-month average for: March 2021
Calculating 3-month average for: April 2021
Calculating 3-month average for: May 2021
Calculating 3-month average for: June 2021
Calculating 3-month average for: July 2021
Calculating 3-month average for: August 2021
Calculating 3-month average for: September 2021
Calculating 3-month average for: October 2021
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Calculating 3-month average for: November 2021
Calculating 3-month average for: December 2021

##

Calculating maximum concentrations

Rolling 3-month average concentrations by receptor are in:
01_2017_12_2021_3_month_concs.txt

Maximum 3-month average concentrations by receptor are in:
01_2017_12_2021_3_month_max_concs_rec.txt

End calculations

Program end date & time: November 20, 2025   5:28:07 AM

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437049.62500 3710826.25000   65.99   211.60   0.00 0.400000E-04 ALL
    March 2017
437072.59375 3710825.50000   65.37   211.60   0.00 0.400000E-04 ALL
 February 2019
437095.56250 3710824.50000   65.10   211.60   0.00 0.333333E-04 ALL
  January 2021
437118.53125 3710823.75000   64.96   211.60   0.00 0.300000E-04 ALL
    March 2017
437141.50000 3710823.00000   64.83   211.60   0.00 0.300000E-04 ALL
  January 2019
437164.43750 3710822.00000   64.68   211.60   0.00 0.300000E-04 ALL
  January 2021
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    March 2017
437166.31250 3710872.00000   65.03   211.60   0.00 0.200000E-04 ALL
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437053.34375 3710926.25000   68.00   205.14   0.00 0.200000E-04 ALL
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437122.21875 3710923.75000   65.61   210.88   0.00 0.200000E-04 ALL
    March 2017
437145.18750 3710922.75000   65.43   210.88   0.00 0.200000E-04 ALL
    March 2018
437168.15625 3710922.00000   65.27   205.14   0.00 0.200000E-04 ALL
  January 2021
437009.25000 3710978.00000   76.76   205.14   0.00 0.200000E-04 ALL
     July 2018

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437032.21875  3710977.00000      71.74     205.14       0.00  0.166667E-04 ALL
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  January 2021
437078.15625  3710975.25000      66.67     205.14       0.00  0.166667E-04 ALL
  January 2021
437101.12500  3710974.50000      66.00     205.14       0.00  0.100000E-04 ALL
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437147.03125  3710972.75000      65.60     205.14       0.00  0.100000E-04 ALL
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437125.90625  3711023.50000      66.69     205.14       0.00  0.100000E-04 ALL
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437171.84375  3711022.00000      66.30     205.14       0.00  0.100000E-04 ALL
    March 2017
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437035.90625  3711077.00000      77.17     205.14       0.00  0.100000E-04 ALL
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
437037.78125  3711127.00000      82.95     205.14       0.00  0.100000E-04 ALL
    March 2017
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    March 2017
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    March 2017
437175.56250 3711121.75000   66.96   205.14   0.00 0.100000E-04 ALL
    March 2017
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437110.37500 3711224.25000   75.88   205.14   0.00 0.100000E-04 ALL
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     July 2017

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    March 2017
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437153.65625 3711773.00000   83.83   175.59   0.00 0.000000E+00 ALL
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    March 2017

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March 2017
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March 2017
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March 2017
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March 2017
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March 2017
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March 2017
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March 2017
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March 2017
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March 2017

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    March 2017
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    March 2017
437126.25000 3712274.50000   98.72   175.59   0.00 0.000000E+00 ALL
    March 2017
437149.18750 3712273.50000   96.73   175.59   0.00 0.000000E+00 ALL
    March 2017
437172.15625 3712272.75000   95.05   175.59   0.00 0.000000E+00 ALL
    March 2017
437195.12500 3712272.00000   94.33   175.59   0.00 0.000000E+00 ALL
    March 2017
437218.09375 3712271.00000   94.55   175.59   0.00 0.000000E+00 ALL
    March 2017
437177.31250 3710851.50000   64.81   211.60   0.00 0.200000E-04 ALL
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437096.75000 3710847.25000   65.25   211.60   0.00 0.300000E-04 ALL
    March 2017
437079.68750 3710898.75000   65.95   211.60   0.00 0.200000E-04 ALL
    March 2017
437062.65625 3710950.50000   67.97   205.14   0.00 0.200000E-04 ALL
    March 2018
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     July 2021
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    March 2017
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September 2019
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     June 2021
436865.09375 3711176.25000   112.45   186.89   0.00 0.100000E-04 ALL
     June 2021
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    March 2017

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    March 2017
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    March 2017
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    March 2017
436667.53125  3711402.00000     163.46     163.46       0.00  0.000000E+00 ALL
    March 2017
436569.90625  3711449.25000     154.31     163.42       0.00  0.000000E+00 ALL
    March 2017
436601.65625  3711477.25000     159.40     159.40       0.00  0.000000E+00 ALL
    March 2017
436504.06250  3711524.75000     157.12     159.26       0.00  0.000000E+00 ALL
    March 2017
436535.81250  3711552.50000     159.54     159.54       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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 November 2020
437157.06250  3710895.00000      65.22     211.60       0.00  0.200000E-04 ALL
    March 2017
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437267.46875 3710897.75000   67.74   205.14   0.00 0.100000E-04 ALL
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    March 2017
437254.12500 3710953.25000   66.14   205.14   0.00 0.100000E-04 ALL
    March 2017
437220.84375 3710957.50000   65.26   205.14   0.00 0.100000E-04 ALL
    March 2017
437157.12500 3710948.00000   65.40   205.14   0.00 0.100000E-04 ALL
    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
437211.71875 3711007.25000   65.72   205.14   0.00 0.100000E-04 ALL
    March 2017
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437307.84375 3710989.25000   69.98   205.14   0.00 0.100000E-04 ALL
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437341.56250 3710974.50000   69.73   205.14   0.00 0.100000E-04 ALL
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437293.81250 3711044.75000   67.71   205.14   0.00 0.100000E-04 ALL
    March 2017
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    March 2017
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    March 2017
437140.75000 3711046.25000   67.37   205.14   0.00 0.100000E-04 ALL
    March 2017
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    March 2017
437361.75000 3711020.25000   68.49   205.14   0.00 0.100000E-04 ALL
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437314.68750 3711090.50000   68.00   205.14   0.00 0.100000E-04 ALL
    March 2017
437281.40625 3711094.75000   65.94   205.14   0.00 0.100000E-04 ALL
    March 2017
437248.12500 3711099.25000   65.48   205.14   0.00 0.100000E-04 ALL
    March 2017
437214.84375 3711103.75000   66.59   205.14   0.00 0.100000E-04 ALL
    March 2017
437134.46875 3711096.25000   67.59   205.14   0.00 0.100000E-04 ALL
    March 2017
437043.12500 3711053.75000   73.05   205.14   0.00 0.100000E-04 ALL
    March 2017

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437348.18750  3711080.75000      68.30     205.14       0.00  0.100000E-04 ALL
    March 2017
437381.93750  3711066.00000      68.07     205.14       0.00  0.100000E-04 ALL
    March 2017
437333.87500  3711136.25000      68.07     205.14       0.00  0.100000E-04 ALL
    March 2017
437298.56250  3711141.00000      66.77     205.14       0.00  0.100000E-04 ALL
    March 2017
437263.25000  3711145.75000      64.47     205.14       0.00  0.100000E-04 ALL
    March 2017
437227.93750  3711150.25000      66.88     205.14       0.00  0.100000E-04 ALL
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437192.65625  3711155.00000      67.28     205.14       0.00  0.100000E-04 ALL
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437141.18750  3711152.25000      68.43     205.14       0.00  0.100000E-04 ALL
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437028.18750  3711099.75000      81.67     205.14       0.00  0.100000E-04 ALL
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437368.37500  3711126.50000      67.78     205.14       0.00  0.100000E-04 ALL
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437402.12500  3711111.75000      68.09     205.14       0.00  0.100000E-04 ALL
 February 2019
437354.62500  3711182.00000      68.30     205.14       0.00  0.666667E-05 ALL
  January 2020
437320.50000  3711186.50000      67.52     205.14       0.00  0.100000E-04 ALL
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437286.34375  3711191.00000      65.80     205.14       0.00  0.100000E-04 ALL
 February 2019
437252.21875  3711195.50000      66.00     205.14       0.00  0.100000E-04 ALL
    March 2018
437218.06250  3711200.00000      67.14     205.14       0.00  0.100000E-04 ALL
    March 2018
437118.56250  3711194.75000      72.49     205.14       0.00  0.100000E-04 ALL
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437024.87500  3711151.00000      84.29     205.14       0.00  0.100000E-04 ALL
    March 2017
436993.65625  3711136.50000      85.47     205.14       0.00  0.100000E-04 ALL
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436962.43750  3711122.00000      86.54     205.14       0.00  0.100000E-04 ALL
    March 2017
437388.56250  3711172.25000      67.69     205.14       0.00  0.666667E-05 ALL
  January 2021
437422.31250  3711157.50000      68.33     205.14       0.00  0.000000E+00 ALL
    March 2017
437374.06250  3711227.75000      68.46     205.14       0.00  0.000000E+00 ALL
    March 2017
437338.37500  3711232.50000      68.32     205.14       0.00  0.000000E+00 ALL
    March 2017
437302.71875  3711237.25000      66.26     205.14       0.00  0.333333E-05 ALL
 November 2020
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437267.06250 3711242.00000   65.86   205.14   0.00 0.666667E-05 ALL
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  January 2021
437195.71875 3711251.50000   67.14   205.14   0.00 0.100000E-04 ALL
  January 2021
437125.93750 3711251.00000   74.06   205.14   0.00 0.100000E-04 ALL
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     July 2017
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    March 2017
436962.81250 3711175.25000   88.85   205.14   0.00 0.100000E-04 ALL
    March 2017
436930.18750 3711160.00000   92.74   205.14   0.00 0.100000E-04 ALL
     July 2017
437408.75000 3711218.00000   68.04   205.14   0.00 0.000000E+00 ALL
    March 2017
437442.50000 3711203.25000   69.03   205.14   0.00 0.000000E+00 ALL
    March 2017
437394.71875 3711273.50000   68.68   205.14   0.00 0.000000E+00 ALL
    March 2017
437360.06250 3711278.00000   68.78   205.14   0.00 0.000000E+00 ALL
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437325.37500 3711282.75000   67.57   205.14   0.00 0.000000E+00 ALL
    March 2017
437290.71875 3711287.25000   65.27   205.14   0.00 0.000000E+00 ALL
    March 2017
437256.03125 3711292.00000   66.92   205.14   0.00 0.000000E+00 ALL
    March 2017
437221.37500 3711296.50000   67.18   205.14   0.00 0.000000E+00 ALL
    March 2017
437186.68750 3711301.00000   67.37   205.14   0.00 0.000000E+00 ALL
    March 2017
437152.03125 3711305.75000   69.91   205.14   0.00 0.000000E+00 ALL
    March 2017
437118.84375 3711300.75000   75.30   205.14   0.00 0.333333E-05 ALL
     June 2018
437007.81250 3711249.00000   81.14   205.14   0.00 0.100000E-04 ALL
     July 2017
436976.12500 3711234.25000   87.05   205.14   0.00 0.100000E-04 ALL
     July 2017
436944.37500 3711219.50000   93.19   205.14   0.00 0.100000E-04 ALL
     July 2017
436912.68750 3711204.75000   100.10   204.69   0.00 0.100000E-04 ALL
     July 2018
437428.93750 3711263.75000   68.95   205.14   0.00 0.000000E+00 ALL
    March 2017
437462.68750 3711249.00000   70.94   186.89   0.00 0.000000E+00 ALL
    March 2017

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437434.90625  3711365.00000      70.58     186.78       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
437364.84375  3711374.25000      69.17     186.89       0.00  0.000000E+00 ALL
    March 2017
437329.81250  3711379.00000      67.24     204.69       0.00  0.000000E+00 ALL
    March 2017
437294.75000  3711383.50000      65.95     205.14       0.00  0.000000E+00 ALL
    March 2017
437259.71875  3711388.25000      67.47     205.14       0.00  0.000000E+00 ALL
    March 2017
437224.68750  3711393.00000      67.47     205.14       0.00  0.000000E+00 ALL
    March 2017
437189.65625  3711397.50000      67.51     205.14       0.00  0.000000E+00 ALL
    March 2017
437154.62500  3711402.25000      71.64     204.69       0.00  0.000000E+00 ALL
    March 2017
437103.56250  3711399.50000      76.33     186.89       0.00  0.000000E+00 ALL
    March 2017
437007.40625  3711354.75000      79.03     205.14       0.00  0.100000E-04 ALL
     July 2021
436975.34375  3711339.75000      86.98     186.89       0.00  0.100000E-04 ALL
     July 2018
436943.31250  3711325.00000      94.70     186.89       0.00  0.100000E-04 ALL
     July 2018
436911.25000  3711310.00000     105.08     186.78       0.00  0.100000E-04 ALL
     July 2021
436879.21875  3711295.00000     115.74     183.79       0.00  0.666667E-05 ALL
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436847.15625  3711280.25000     122.86     180.70       0.00  0.000000E+00 ALL
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437469.31250  3711355.25000      72.73     185.33       0.00  0.000000E+00 ALL
    March 2017
437503.03125  3711340.25000      76.38     180.70       0.00  0.000000E+00 ALL
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437475.15625  3711456.50000      73.37     175.59       0.00  0.000000E+00 ALL
    March 2017
437439.84375  3711461.25000      70.80     181.53       0.00  0.000000E+00 ALL
    March 2017
437404.53125  3711466.00000      70.76     185.33       0.00  0.000000E+00 ALL
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437369.25000  3711470.50000      69.41     185.92       0.00  0.000000E+00 ALL
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437333.93750  3711475.25000      67.58     186.89       0.00  0.000000E+00 ALL
    March 2017
437298.62500  3711480.00000      67.40     186.89       0.00  0.000000E+00 ALL
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437263.34375  3711484.75000      67.67     186.89       0.00  0.000000E+00 ALL
    March 2017
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437192.71875 3711494.00000 68.54 186.89 0.00 0.000000E+00 ALL
March 2017
437157.40625 3711498.75000 69.96 186.89 0.00 0.000000E+00 ALL
March 2017
437122.12500 3711503.50000 71.74 186.89 0.00 0.000000E+00 ALL
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437088.31250 3711498.25000 72.72 186.89 0.00 0.000000E+00 ALL
March 2017
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June 2018
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July 2021
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July 2021
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March 2017
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March 2017
436846.12500 3711385.50000 127.36 175.59 0.00 0.000000E+00 ALL
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436813.84375 3711370.50000 134.10 175.59 0.00 0.000000E+00 ALL
March 2017
436781.56250 3711355.50000 145.84 175.59 0.00 0.000000E+00 ALL
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437509.65625 3711446.75000 77.44 175.59 0.00 0.000000E+00 ALL
March 2017
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March 2017
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March 2017
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March 2017
437408.90625 3711562.25000 71.75 175.59 0.00 0.000000E+00 ALL
March 2017
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March 2017
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437266.87500 3711581.00000 69.92 185.33 0.00 0.000000E+00 ALL
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March 2017
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March 2017

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436845.78125 3711491.25000   125.37   175.59   0.00 0.000000E+00 ALL
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436813.31250 3711476.25000   132.43   175.59   0.00 0.000000E+00 ALL
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436748.34375 3711446.00000   160.24   175.30   0.00 0.000000E+00 ALL
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437550.03125 3711538.25000   79.46   175.59   0.00 0.000000E+00 ALL
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437583.78125 3711523.25000   84.98   175.59   0.00 0.000000E+00 ALL
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437234.71875 3711682.25000   71.69   175.59   0.00 0.000000E+00 ALL
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437109.90625 3711698.75000   93.73   175.59   0.00 0.000000E+00 ALL
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    March 2017
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437309.68750  3711769.00000      69.67     175.59       0.00  0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
436879.09375 3711718.50000   129.29   175.59   0.00 0.000000E+00 ALL
    March 2017
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436617.15625 3711596.75000   161.07   175.59   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
437349.15625 3711860.75000   69.25   175.59   0.00 0.000000E+00 ALL
    March 2017

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    March 2017
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    March 2017
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    March 2017
436814.18750 3711794.25000   149.17   175.59   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
436748.53125 3711763.75000   148.39   175.59   0.00 0.000000E+00 ALL
    March 2017
436715.68750 3711748.50000   150.84   175.59   0.00 0.000000E+00 ALL
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    March 2017
436617.18750 3711702.75000   161.62   161.62   0.00 0.000000E+00 ALL
    March 2017
436584.34375 3711687.25000   161.71   161.71   0.00 0.000000E+00 ALL
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436551.50000 3711672.00000   161.67   161.67   0.00 0.000000E+00 ALL
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436518.65625 3711656.75000   161.95   161.95   0.00 0.000000E+00 ALL
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437671.12500 3711812.75000   95.75   95.75   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017
437604.65625 3711923.50000   76.83   175.59   0.00 0.000000E+00 ALL
    March 2017

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437460.71875 3711942.75000   72.56   175.59   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
437352.78125 3711957.00000   70.45   175.59   0.00 0.000000E+00 ALL
    March 2017
437316.81250 3711961.75000   71.83   175.59   0.00 0.000000E+00 ALL
    March 2017
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437244.84375 3711971.25000   82.49   175.59   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
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 February 2019

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 November 2020

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437578.96875  3710895.25000      88.85      88.85       0.00  0.000000E+00 ALL
    March 2017
437574.00000  3710918.75000      89.70      89.70       0.00  0.000000E+00 ALL
    March 2017
437569.03125  3710942.50000      90.62      90.62       0.00  0.000000E+00 ALL
    March 2017
437546.09375  3710982.25000      92.04      92.04       0.00  0.333333E-05 ALL
     June 2019
437528.09375  3710998.50000      91.70      91.70       0.00  0.333333E-05 ALL
     June 2019
437510.09375  3711014.75000      89.88     180.70       0.00  0.333333E-05 ALL
     June 2019
437492.09375  3711030.75000      88.45     185.33       0.00  0.333333E-05 ALL
     June 2019
437474.09375  3711047.00000      87.26     185.33       0.00  0.666667E-05 ALL
     June 2019
437456.12500  3711063.25000      81.20     205.14       0.00  0.666667E-05 ALL
     June 2019
437438.12500  3711079.25000      74.46     205.14       0.00  0.666667E-05 ALL
     June 2019
437420.12500  3711095.50000      69.97     205.14       0.00  0.100000E-04 ALL
 December 2019
437608.75000  3710753.25000      84.38     205.14       0.00  0.000000E+00 ALL
    March 2017
437606.00000  3710728.25000      84.09     205.14       0.00  0.000000E+00 ALL
    March 2017
437603.28125  3710703.50000      83.74     205.14       0.00  0.000000E+00 ALL
    March 2017
437600.56250  3710678.75000      83.43     205.14       0.00  0.000000E+00 ALL
    March 2017
437597.84375  3710654.00000      83.02     205.14       0.00  0.000000E+00 ALL
    March 2017
437595.09375  3710629.25000      81.97     205.14       0.00  0.000000E+00 ALL
    March 2017
437592.37500  3710604.25000      78.63     205.14       0.00  0.333333E-05 ALL
 November 2020
437653.34375  3710772.00000      77.63     205.14       0.00  0.000000E+00 ALL
    March 2017
437648.21875  3710796.50000      75.46     205.14       0.00  0.000000E+00 ALL
    March 2017
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437643.12500  3710820.75000      75.96     205.14       0.00  0.000000E+00 ALL
    March 2017
437638.03125  3710845.00000      78.90     205.14       0.00  0.000000E+00 ALL
    March 2017
437632.90625  3710869.50000      83.13     204.69       0.00  0.000000E+00 ALL
    March 2017
437627.81250  3710893.75000      86.46      88.36       0.00  0.000000E+00 ALL
    March 2017
437622.71875  3710918.25000      88.72      88.72       0.00  0.000000E+00 ALL
    March 2017
437617.62500  3710942.50000      89.69      89.69       0.00  0.000000E+00 ALL
    March 2017
437612.50000  3710966.75000      90.77      90.77       0.00  0.000000E+00 ALL
    March 2017
437588.87500  3711007.75000      93.13      93.13       0.00  0.000000E+00 ALL
    March 2017
437570.37500  3711024.50000      94.12      94.12       0.00  0.000000E+00 ALL
    March 2017
437551.87500  3711041.00000      94.62      94.62       0.00  0.000000E+00 ALL
    March 2017
437533.37500  3711057.75000      94.17      94.17       0.00  0.333333E-05 ALL
     June 2019
437514.84375  3711074.25000      93.62      93.62       0.00  0.333333E-05 ALL
     June 2019
437496.34375  3711091.00000      92.95      95.71       0.00  0.333333E-05 ALL
     June 2019
437477.84375  3711107.50000      86.12     185.33       0.00  0.333333E-05 ALL
     June 2019
437459.34375  3711124.25000      77.91     205.14       0.00  0.333333E-05 ALL
     June 2019
437440.81250  3711140.75000      70.83     205.14       0.00  0.000000E+00 ALL
    March 2017
437658.43750  3710747.75000      79.64     205.14       0.00  0.000000E+00 ALL
    March 2017
437655.71875  3710723.00000      81.20     205.14       0.00  0.000000E+00 ALL
    March 2017
437653.00000  3710698.00000      81.57     205.14       0.00  0.000000E+00 ALL
    March 2017
437650.25000  3710673.25000      80.96     205.14       0.00  0.000000E+00 ALL
    March 2017
437647.53125  3710648.50000      80.05     205.14       0.00  0.000000E+00 ALL
    March 2017
437644.81250  3710623.75000      78.57     205.14       0.00  0.000000E+00 ALL
    March 2017
437642.06250  3710598.75000      75.43     210.88       0.00  0.333333E-05 ALL
 November 2020
437703.37500  3710765.00000      69.90     205.14       0.00  0.000000E+00 ALL
    March 2017
437698.56250  3710788.00000      70.30     205.14       0.00  0.000000E+00 ALL
    March 2017
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437693.78125 3710810.75000   70.45   205.14   0.00 0.000000E+00 ALL
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437689.00000 3710833.50000   71.25   205.14   0.00 0.000000E+00 ALL
    March 2017
437684.21875 3710856.25000   73.42   205.14   0.00 0.000000E+00 ALL
    March 2017
437679.43750 3710879.25000   77.71   204.69   0.00 0.000000E+00 ALL
    March 2017
437674.62500 3710902.00000   81.94   95.79   0.00 0.000000E+00 ALL
    March 2017
437669.87500 3710924.75000   84.44   95.79   0.00 0.000000E+00 ALL
    March 2017
437665.06250 3710947.75000   87.03   94.05   0.00 0.000000E+00 ALL
    March 2017
437660.28125 3710970.50000   90.30   90.30   0.00 0.000000E+00 ALL
    March 2017
437655.50000 3710993.25000   92.11   92.11   0.00 0.000000E+00 ALL
    March 2017
437633.37500 3711031.75000   94.27   94.27   0.00 0.000000E+00 ALL
    March 2017
437616.00000 3711047.25000   94.92   94.92   0.00 0.000000E+00 ALL
    March 2017
437598.65625 3711063.00000   95.83   95.83   0.00 0.000000E+00 ALL
    March 2017
437581.31250 3711078.50000   96.56   96.56   0.00 0.000000E+00 ALL
    March 2017
437563.96875 3711094.00000   96.89   96.89   0.00 0.000000E+00 ALL
    March 2017
437546.59375 3711109.75000   95.67   95.67   0.00 0.000000E+00 ALL
    March 2017
437529.25000 3711125.25000   92.98   96.63   0.00 0.333333E-05 ALL
     June 2019
437511.90625 3711140.75000   86.74   180.70   0.00 0.333333E-05 ALL
     June 2019
437494.56250 3711156.50000   81.24   185.33   0.00 0.333333E-05 ALL
     June 2019
437477.18750 3711172.00000   77.18   186.89   0.00 0.333333E-05 ALL
     June 2019
437459.84375 3711187.50000   72.33   205.14   0.00 0.000000E+00 ALL
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437708.12500 3710742.25000   69.51   205.14   0.00 0.000000E+00 ALL
    March 2017
437705.40625 3710717.50000   69.49   205.14   0.00 0.000000E+00 ALL
    March 2017
437702.68750 3710692.50000   69.98   205.14   0.00 0.000000E+00 ALL
    March 2017
437699.96875 3710667.75000   70.56   205.14   0.00 0.000000E+00 ALL
    March 2017
437697.21875 3710643.00000   70.52   205.14   0.00 0.000000E+00 ALL
    March 2017

437694.50000 3710618.25000   69.66   211.60   0.00 0.000000E+00 ALL
    March 2017
437691.78125 3710593.50000   68.37   211.60   0.00 0.000000E+00 ALL
    March 2017
437752.93750 3710760.25000   69.36   205.14   0.00 0.000000E+00 ALL
    March 2017
437748.03125 3710783.50000   69.65   205.14   0.00 0.000000E+00 ALL
    March 2017
437743.12500 3710807.00000   70.11   205.14   0.00 0.000000E+00 ALL
    March 2017
437738.21875 3710830.50000   70.39   205.14   0.00 0.000000E+00 ALL
    March 2017
437733.31250 3710853.75000   70.52   205.14   0.00 0.000000E+00 ALL
    March 2017
437728.37500 3710877.25000   70.65   205.14   0.00 0.000000E+00 ALL
    March 2017
437723.50000 3710900.75000   71.45   205.14   0.00 0.000000E+00 ALL
    March 2017
437718.59375 3710924.00000   73.19   180.70   0.00 0.000000E+00 ALL
    March 2017
437713.65625 3710947.50000   77.11   100.26   0.00 0.000000E+00 ALL
    March 2017
437708.75000 3710971.00000   84.85   99.30   0.00 0.000000E+00 ALL
    March 2017
437703.84375 3710994.25000   91.95   95.79   0.00 0.000000E+00 ALL
    March 2017
437698.93750 3711017.75000   94.89   94.89   0.00 0.000000E+00 ALL
    March 2017
437676.25000 3711057.00000   95.82   95.82   0.00 0.000000E+00 ALL
    March 2017
437658.43750 3711073.00000   96.21   96.21   0.00 0.000000E+00 ALL
    March 2017
437640.65625 3711089.00000   96.81   96.81   0.00 0.000000E+00 ALL
    March 2017
437622.84375 3711105.00000   97.31   97.31   0.00 0.000000E+00 ALL
    March 2017
437605.06250 3711121.00000   97.74   97.74   0.00 0.000000E+00 ALL
    March 2017
437587.25000 3711137.00000   94.36   97.75   0.00 0.000000E+00 ALL
    March 2017
437569.46875 3711153.00000   88.62   98.22   0.00 0.000000E+00 ALL
    March 2017
437551.65625 3711169.00000   83.31   175.59   0.00 0.000000E+00 ALL
    March 2017
437533.87500 3711185.00000   80.08   180.70   0.00 0.000000E+00 ALL
    March 2017
437516.06250 3711201.00000   79.42   181.53   0.00 0.000000E+00 ALL
    March 2017
437498.28125 3711217.00000   78.76   185.33   0.00 0.000000E+00 ALL
    March 2017

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437480.46875  3711233.00000      74.57     186.78       0.00  0.000000E+00 ALL
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437755.12500  3710712.00000      68.44     205.14       0.00  0.000000E+00 ALL
    March 2017
437752.37500  3710687.25000      68.20     205.14       0.00  0.000000E+00 ALL
    March 2017
437749.65625  3710662.25000      68.13     205.14       0.00  0.000000E+00 ALL
    March 2017
437746.93750  3710637.50000      67.86     205.14       0.00  0.000000E+00 ALL
    March 2017
437744.18750  3710612.75000      67.44     210.88       0.00  0.000000E+00 ALL
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437741.46875  3710588.00000      66.92     211.60       0.00  0.000000E+00 ALL
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437852.12500  3710750.25000      68.63     204.69       0.00  0.000000E+00 ALL
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437847.03125  3710774.50000      68.77     204.69       0.00  0.000000E+00 ALL
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437841.93750  3710799.00000      69.04     198.31       0.00  0.000000E+00 ALL
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437836.84375  3710823.25000      69.40     198.31       0.00  0.000000E+00 ALL
    March 2017
437831.71875  3710847.50000      69.61     198.31       0.00  0.000000E+00 ALL
    March 2017
437826.62500  3710872.00000      70.28     185.02       0.00  0.000000E+00 ALL
    March 2017
437821.50000  3710896.25000      70.65     185.02       0.00  0.000000E+00 ALL
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437816.40625  3710920.50000      70.89     183.78       0.00  0.000000E+00 ALL
    March 2017
437811.31250  3710945.00000      71.07     149.68       0.00  0.000000E+00 ALL
    March 2017
437806.18750  3710969.25000      71.52     149.68       0.00  0.000000E+00 ALL
    March 2017
437801.09375  3710993.75000      71.56     148.59       0.00  0.000000E+00 ALL
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437796.00000  3711018.00000      72.17     136.36       0.00  0.000000E+00 ALL
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437790.87500  3711042.25000      74.71     102.67       0.00  0.000000E+00 ALL
    March 2017
437785.78125  3711066.75000      80.47     102.22       0.00  0.000000E+00 ALL
    March 2017
437762.15625  3711107.75000      97.24      99.72       0.00  0.000000E+00 ALL
    March 2017
437743.65625  3711124.25000      99.76      99.76       0.00  0.000000E+00 ALL
    March 2017
437725.15625  3711141.00000      99.16      99.16       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
437669.62500 3711190.75000   86.38   101.59   0.00 0.000000E+00 ALL
    March 2017
437651.12500 3711207.50000   85.02   101.59   0.00 0.000000E+00 ALL
    March 2017
437632.59375 3711224.00000   84.44   101.06   0.00 0.000000E+00 ALL
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437614.09375 3711240.75000   84.86   100.44   0.00 0.000000E+00 ALL
    March 2017
437595.59375 3711257.25000   84.45   100.44   0.00 0.000000E+00 ALL
    March 2017
437577.09375 3711274.00000   81.60   175.59   0.00 0.000000E+00 ALL
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437558.56250 3711290.50000   80.03   175.59   0.00 0.000000E+00 ALL
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437540.06250 3711307.25000   78.92   175.59   0.00 0.000000E+00 ALL
    March 2017
437521.56250 3711323.75000   78.54   175.59   0.00 0.000000E+00 ALL
    March 2017
437857.25000 3710725.75000   68.31   205.14   0.00 0.000000E+00 ALL
    March 2017
437854.53125 3710701.00000   68.09   205.14   0.00 0.000000E+00 ALL
    March 2017
437851.78125 3710676.25000   67.97   205.14   0.00 0.000000E+00 ALL
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437849.06250 3710651.50000   67.70   205.14   0.00 0.000000E+00 ALL
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437846.34375 3710626.50000   67.32   205.14   0.00 0.000000E+00 ALL
    March 2017
437843.59375 3710601.75000   67.31   205.14   0.00 0.000000E+00 ALL
    March 2017
437840.87500 3710577.00000   67.00   205.14   0.00 0.000000E+00 ALL
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437951.68750 3710738.50000   68.44   208.62   0.00 0.000000E+00 ALL
    March 2017
437946.71875 3710762.25000   68.60   208.62   0.00 0.000000E+00 ALL
    March 2017
437941.75000 3710786.00000   68.98   207.17   0.00 0.000000E+00 ALL
    March 2017
437936.78125 3710809.50000   69.07   207.17   0.00 0.000000E+00 ALL
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437931.84375 3710833.25000   69.15   207.03   0.00 0.000000E+00 ALL
    March 2017
437926.87500 3710857.00000   69.49   204.67   0.00 0.000000E+00 ALL
    March 2017
437921.90625 3710880.50000   70.05   198.31   0.00 0.000000E+00 ALL
    March 2017

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    March 2017
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    March 2017
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    March 2017
437897.09375  3710999.00000      71.27     198.31       0.00  0.000000E+00 ALL
    March 2017
437892.12500  3711022.75000      71.74     189.82       0.00  0.000000E+00 ALL
    March 2017
437887.15625  3711046.25000      71.90     187.89       0.00  0.000000E+00 ALL
    March 2017
437882.18750  3711070.00000      72.11     173.48       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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437777.34375  3711221.75000     100.72     100.72       0.00  0.000000E+00 ALL
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    March 2017
437705.37500  3711286.50000      98.69      98.69       0.00  0.000000E+00 ALL
    March 2017
437687.37500  3711302.50000      98.09      98.09       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
437651.37500  3711335.00000      97.21      97.21       0.00  0.000000E+00 ALL
    March 2017
437633.37500  3711351.00000      96.44      96.44       0.00  0.000000E+00 ALL
    March 2017
437615.37500  3711367.25000      94.65      99.59       0.00  0.000000E+00 ALL
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    March 2017
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    March 2017
437953.90625 3710690.00000   68.09   208.62   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
437948.46875 3710640.50000   67.63   208.62   0.00 0.000000E+00 ALL
    March 2017
437945.71875 3710615.75000   67.30   208.62   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
437984.59375 3711044.75000   71.69   198.31   0.00 0.000000E+00 ALL
    March 2017
437979.46875 3711069.25000   71.78   198.31   0.00 0.000000E+00 ALL
    March 2017
437974.37500 3711093.50000   71.89   198.31   0.00 0.000000E+00 ALL
    March 2017

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    March 2017
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437959.06250 3711166.50000   72.43   196.95   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
437842.90625 3711290.75000   102.28   102.28   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
437805.87500 3711324.00000   101.73   101.73   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
437768.87500 3711357.25000   101.38   101.38   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
437713.34375 3711407.00000   99.61   99.61   0.00 0.000000E+00 ALL
    March 2017
437694.84375 3711423.50000   99.45   99.45   0.00 0.000000E+00 ALL
    March 2017
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March 2017
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438231.65625 3711835.75000   107.07   107.07   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
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438176.87500 3711885.00000   107.11   107.11   0.00 0.000000E+00 ALL
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438158.59375 3711901.25000   107.37   107.37   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
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    March 2017

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437884.62500 3712147.50000   90.03   116.90   0.00 0.000000E+00 ALL
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438751.84375 3710627.50000   150.51   208.62   0.00 0.000000E+00 ALL
    March 2017
438749.12500 3710602.75000   159.58   198.31   0.00 0.000000E+00 ALL
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438743.65625 3710553.00000   163.55   198.31   0.00 0.000000E+00 ALL
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437321.40625 3710574.25000   76.21   211.60   0.00 0.166667E-04 ALL
 November 2020
437361.15625 3710612.00000   75.47   211.60   0.00 0.100000E-04 ALL
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437368.59375 3710590.75000   75.73   211.60   0.00 0.100000E-04 ALL
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437415.78125 3710607.50000   87.20   205.14   0.00 0.100000E-04 ALL
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437433.18750 3710708.75000   93.66   205.14   0.00 0.100000E-04 ALL
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437480.37500 3710725.25000   92.72   205.14   0.00 0.666667E-05 ALL
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437582.15625 3710737.25000   84.65   205.14   0.00 0.000000E+00 ALL
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437676.53125 3710770.50000   73.08   205.14   0.00 0.000000E+00 ALL
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437683.96875 3710749.25000   73.44   205.14   0.00 0.000000E+00 ALL
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438682.18750  3711075.50000     115.19     208.62       0.00  0.000000E+00 ALL
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437329.34375  3710551.25000      76.03     211.60       0.00  0.166667E-04 ALL
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437352.78125  3710483.25000      75.35     211.60       0.00  0.100000E-04 ALL
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March 2017

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438754.25000 3710252.25000   127.90   208.62   0.00 0.000000E+00 ALL
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  January 2020
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March 2017
438471.06250 3710566.00000 119.71 208.62 0.00 0.000000E+00 ALL
March 2017

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  January 2021
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 November 2021
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 November 2021
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 November 2021

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    March 2017

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    March 2017

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    March 2017
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436818.06250  3708864.25000     158.77     180.88       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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436860.53125  3708848.00000     160.09     180.88       0.00  0.000000E+00 ALL
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    March 2017
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436924.21875  3708823.50000     165.31     180.88       0.00  0.000000E+00 ALL
    March 2017
436945.43750  3708815.25000     171.15     180.88       0.00  0.000000E+00 ALL
    March 2017
436966.68750  3708807.25000     176.09     179.08       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
437030.37500  3708782.75000     151.84     204.73       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
437271.68750  3708832.00000      63.47     211.60       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
437315.68750  3708843.50000      60.10     211.60       0.00  0.000000E+00 ALL
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437337.68750  3708849.25000      58.27     211.60       0.00  0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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March 2017
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March 2017

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    March 2017
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    March 2017
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    March 2017

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    March 2017
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    March 2017
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    March 2017
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  January 2018
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 November 2020
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 December 2021
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 December 2021
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 November 2021
436891.75000 3710023.25000   112.53   211.60   0.00 0.333333E-05 ALL
 November 2021
436868.93750 3710058.00000   119.77   211.60   0.00 0.333333E-05 ALL
 November 2021
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    March 2017

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 November 2021
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 November 2021
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    March 2017
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 November 2021
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 November 2021
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 November 2021
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 November 2021
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 November 2021
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 November 2021
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    March 2017
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 November 2021
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    March 2017
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 November 2021
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
436473.87500  3709748.75000     158.48     211.60       0.00  0.000000E+00 ALL
    March 2017
436451.06250  3709783.50000     167.87     167.87       0.00  0.000000E+00 ALL
    March 2017
436415.62500  3709661.00000     157.90     211.60       0.00  0.000000E+00 ALL
    March 2017
436443.40625  3709630.50000     157.28     211.60       0.00  0.000000E+00 ALL
    March 2017
436471.21875  3709599.75000     158.20     211.60       0.00  0.000000E+00 ALL
    March 2017
436499.03125  3709569.25000     166.97     211.60       0.00  0.000000E+00 ALL
    March 2017
436526.81250  3709538.50000     179.26     181.95       0.00  0.000000E+00 ALL
    March 2017
436390.31250  3709693.75000     158.50     211.60       0.00  0.000000E+00 ALL
    March 2017
436367.46875  3709728.50000     161.09     170.82       0.00  0.000000E+00 ALL
    March 2017
436331.53125  3709606.75000     162.96     162.96       0.00  0.000000E+00 ALL
    March 2017
436358.34375  3709577.25000     162.77     182.16       0.00  0.000000E+00 ALL
    March 2017
436385.15625  3709547.75000     167.96     173.30       0.00  0.000000E+00 ALL
    March 2017
436411.96875  3709518.25000     172.75     172.75       0.00  0.000000E+00 ALL
    March 2017
436438.78125  3709488.50000     174.08     174.08       0.00  0.000000E+00 ALL
    March 2017
436465.59375  3709459.00000     175.73     175.73       0.00  0.000000E+00 ALL
    March 2017
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436306.71875  3709638.75000     163.33     163.33       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
436248.46875  3709551.25000     165.06     165.06       0.00  0.000000E+00 ALL
    March 2017
436276.25000  3709520.75000     165.48     165.48       0.00  0.000000E+00 ALL
    March 2017
436304.06250  3709490.00000     165.73     173.30       0.00  0.000000E+00 ALL
    March 2017
436331.87500  3709459.50000     166.96     173.30       0.00  0.000000E+00 ALL
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436359.65625  3709428.75000     170.61     172.96       0.00  0.000000E+00 ALL
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436200.34375  3709618.75000     164.36     164.36       0.00  0.000000E+00 ALL
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436164.46875  3709496.75000     165.91     165.91       0.00  0.000000E+00 ALL
    March 2017
436191.46875  3709467.00000     166.06     166.06       0.00  0.000000E+00 ALL
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    March 2017
436245.43750  3709407.75000     166.54     166.54       0.00  0.000000E+00 ALL
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436272.40625  3709378.00000     166.64     166.64       0.00  0.000000E+00 ALL
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    March 2017
436353.37500  3709288.75000     166.33     179.42       0.00  0.000000E+00 ALL
    March 2017
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436116.75000  3709563.75000     165.24     165.24       0.00  0.000000E+00 ALL
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436081.31250  3709441.50000     166.57     166.57       0.00  0.000000E+00 ALL
    March 2017
436109.12500  3709410.75000     167.72     167.72       0.00  0.000000E+00 ALL
    March 2017
436136.90625  3709380.25000     167.49     167.49       0.00  0.000000E+00 ALL
    March 2017
436164.71875  3709349.50000     167.72     167.72       0.00  0.000000E+00 ALL
    March 2017
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436192.53125  3709319.00000     168.29     168.29       0.00  0.000000E+00 ALL
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    March 2017
436248.12500  3709257.75000     168.23     168.23       0.00  0.000000E+00 ALL
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436275.90625  3709227.00000     168.27     168.27       0.00  0.000000E+00 ALL
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435997.37500  3709387.00000     168.75     168.75       0.00  0.000000E+00 ALL
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436024.50000  3709357.00000     170.55     170.55       0.00  0.000000E+00 ALL
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436051.59375  3709327.25000     170.62     170.62       0.00  0.000000E+00 ALL
    March 2017
436078.71875  3709297.25000     169.55     169.55       0.00  0.000000E+00 ALL
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    March 2017
436132.90625  3709237.50000     169.45     169.45       0.00  0.000000E+00 ALL
    March 2017
436160.03125  3709207.75000     169.25     169.25       0.00  0.000000E+00 ALL
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436187.12500  3709178.00000     166.69     168.80       0.00  0.000000E+00 ALL
    March 2017
436214.25000  3709148.00000     161.67     169.02       0.00  0.000000E+00 ALL
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435972.40625  3709419.25000     157.45     177.06       0.00  0.000000E+00 ALL
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    March 2017
435914.15625  3709331.75000     169.36     177.06       0.00  0.000000E+00 ALL
    March 2017
435941.96875  3709301.00000     173.75     173.75       0.00  0.000000E+00 ALL
    March 2017
435969.75000  3709270.50000     170.48     177.06       0.00  0.000000E+00 ALL
    March 2017
435997.56250  3709239.75000     170.77     170.77       0.00  0.000000E+00 ALL
    March 2017
436025.37500  3709209.00000     171.44     171.44       0.00  0.000000E+00 ALL
    March 2017
436053.15625  3709178.50000     171.15     171.15       0.00  0.000000E+00 ALL
    March 2017
436080.96875  3709147.75000     168.07     170.66       0.00  0.000000E+00 ALL
    March 2017
436108.78125  3709117.25000     161.57     171.79       0.00  0.000000E+00 ALL
    March 2017
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436136.56250 3709086.50000   159.04   171.79   0.00 0.000000E+00 ALL
    March 2017
436164.37500 3709056.00000   157.37   170.25   0.00 0.000000E+00 ALL
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435866.03125 3709399.00000   152.22   177.06   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
435857.46875 3709247.00000   176.65   176.65   0.00 0.000000E+00 ALL
    March 2017
435884.68750 3709217.25000   176.63   176.63   0.00 0.000000E+00 ALL
    March 2017
435911.87500 3709187.25000   172.64   176.30   0.00 0.000000E+00 ALL
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435939.06250 3709157.25000   171.53   171.53   0.00 0.000000E+00 ALL
    March 2017
435966.28125 3709127.25000   171.60   171.60   0.00 0.000000E+00 ALL
    March 2017
435993.46875 3709097.25000   170.95   170.95   0.00 0.000000E+00 ALL
    March 2017
436020.65625 3709067.25000   169.88   169.88   0.00 0.000000E+00 ALL
    March 2017
436047.87500 3709037.25000   165.96   170.24   0.00 0.000000E+00 ALL
    March 2017
436075.06250 3709007.50000   164.13   164.13   0.00 0.000000E+00 ALL
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436102.25000 3708977.50000   162.56   162.56   0.00 0.000000E+00 ALL
    March 2017
435805.28125 3709309.50000   159.14   177.06   0.00 0.000000E+00 ALL
    March 2017
435782.43750 3709344.25000   151.97   177.06   0.00 0.000000E+00 ALL
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436986.12500 3710169.50000   82.10   211.60   0.00 0.100000E-04 ALL
    March 2017
436986.87500 3710192.50000   81.84   211.60   0.00 0.100000E-04 ALL
    March 2017
436987.62500 3710215.50000   81.15   211.60   0.00 0.100000E-04 ALL
    March 2017
436941.59375 3710151.75000   94.49   211.60   0.00 0.100000E-04 ALL
  January 2018
436936.87500 3710194.00000   95.35   211.60   0.00 0.100000E-04 ALL
  January 2018
436937.62500 3710217.25000   94.57   211.60   0.00 0.100000E-04 ALL
    March 2017
436892.31250 3710150.75000   114.02   211.60   0.00 0.100000E-04 ALL
  January 2021
436898.43750 3710129.00000   111.25   211.60   0.00 0.666667E-05 ALL
 December 2021

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 December 2021
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  January 2021
436886.90625  3710195.75000     115.25     211.60       0.00  0.100000E-04 ALL
  January 2018
436887.65625  3710218.75000     114.46     211.60       0.00  0.100000E-04 ALL
  January 2018
436841.65625  3710154.75000     129.26     211.60       0.00  0.100000E-04 ALL
  January 2021
436852.56250  3710116.00000     124.44     211.60       0.00  0.100000E-04 ALL
  January 2021
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  January 2018
436837.68750  3710220.50000     130.60     211.60       0.00  0.100000E-04 ALL
  January 2018
436792.06250  3710155.00000     140.51     211.60       0.00  0.100000E-04 ALL
  January 2021
436803.75000  3710113.50000     135.49     211.60       0.00  0.100000E-04 ALL
  January 2021
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 December 2021
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  January 2018
436787.71875  3710222.00000     142.20     205.14       0.00  0.100000E-04 ALL
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436742.37500  3710155.75000     153.01     205.14       0.00  0.100000E-04 ALL
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  January 2021
436760.81250  3710090.25000     143.61     211.60       0.00  0.100000E-04 ALL
  January 2021
436766.93750  3710068.50000     140.37     211.60       0.00  0.100000E-04 ALL
  January 2021
436773.09375  3710046.75000     137.89     211.60       0.00  0.666667E-05 ALL
  January 2021
436779.21875  3710024.75000     135.25     211.60       0.00  0.666667E-05 ALL
 December 2021
436736.25000  3710177.50000     155.06     205.14       0.00  0.100000E-04 ALL
  January 2018
436737.00000  3710200.50000     154.19     205.14       0.00  0.100000E-04 ALL
  January 2018
436737.75000  3710223.50000     153.68     205.14       0.00  0.100000E-04 ALL
 December 2017
436692.00000  3710158.75000     174.34     205.14       0.00  0.100000E-04 ALL
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436703.46875  3710118.00000     170.74     205.14       0.00  0.100000E-04 ALL
  January 2021
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436714.90625  3710077.25000     160.84     205.14       0.00  0.100000E-04 ALL
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 December 2017
436642.25000  3710159.50000     196.26     205.14       0.00  0.100000E-04 ALL
  January 2018
436654.15625  3710117.25000     192.29     205.14       0.00  0.100000E-04 ALL
  January 2018
436666.06250  3710075.00000     183.07     205.14       0.00  0.100000E-04 ALL
  January 2021
436677.96875  3710032.75000     168.97     205.14       0.00  0.100000E-04 ALL
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 December 2017
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 December 2017
436592.46875  3710160.50000     200.06     205.14       0.00  0.100000E-04 ALL
  January 2018
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  January 2018
436604.75000  3710117.00000     198.43     205.14       0.00  0.100000E-04 ALL
  January 2018
436610.87500  3710095.00000     193.89     205.14       0.00  0.100000E-04 ALL
  January 2021
436617.03125  3710073.25000     188.83     205.14       0.00  0.100000E-04 ALL
  January 2021
436623.15625  3710051.50000     184.58     205.14       0.00  0.100000E-04 ALL
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  January 2021
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  January 2021
436647.71875  3709964.25000     163.78     205.14       0.00  0.666667E-05 ALL
  January 2021
436653.87500  3709942.50000     155.20     211.60       0.00  0.333333E-05 ALL
 November 2021
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 December 2017
436587.06250  3710205.50000     201.02     205.14       0.00  0.100000E-04 ALL
 December 2017
436587.81250  3710228.50000     198.78     205.14       0.00  0.100000E-04 ALL
 December 2017
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436542.18750  3710163.25000     193.12     205.14       0.00  0.100000E-04 ALL
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  January 2021
436577.28125  3710038.50000     176.32     205.14       0.00  0.100000E-04 ALL
  January 2021
436588.96875  3709997.00000     176.55     205.14       0.00  0.100000E-04 ALL
  January 2021
436600.65625  3709955.50000     177.75     205.14       0.00  0.100000E-04 ALL
  January 2021
436537.09375  3710207.00000     192.92     205.14       0.00  0.100000E-04 ALL
 December 2017
436537.84375  3710230.00000     192.47     205.14       0.00  0.100000E-04 ALL
 December 2017
436442.53125  3710165.25000     186.64     205.14       0.00  0.100000E-04 ALL
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  January 2018
436454.81250  3710121.75000     184.94     205.14       0.00  0.100000E-04 ALL
  January 2018
436460.96875  3710100.00000     180.46     205.14       0.00  0.100000E-04 ALL
  January 2018
436467.09375  3710078.25000     176.78     205.14       0.00  0.100000E-04 ALL
  January 2018
436473.25000  3710056.25000     176.20     205.14       0.00  0.100000E-04 ALL
  January 2018
436479.37500  3710034.50000     175.47     205.14       0.00  0.100000E-04 ALL
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  January 2021
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  January 2021
436497.81250  3709969.25000     173.35     205.14       0.00  0.100000E-04 ALL
  January 2021
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  January 2021
436510.09375  3709925.50000     172.43     205.14       0.00  0.666667E-05 ALL
  January 2021
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    March 2017
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    March 2017
436436.40625  3710187.25000     184.74     205.14       0.00  0.100000E-04 ALL
 December 2017
436437.15625  3710210.25000     184.41     205.14       0.00  0.100000E-04 ALL
 December 2017
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436437.87500  3710233.25000     185.68     205.14       0.00  0.100000E-04 ALL
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  January 2018
436354.56250  3710126.25000     175.03     205.14       0.00  0.100000E-04 ALL
  January 2018
436366.62500  3710083.25000     175.02     205.14       0.00  0.100000E-04 ALL
  January 2018
436378.68750  3710040.50000     174.32     205.14       0.00  0.100000E-04 ALL
  January 2018
436390.75000  3709997.50000     173.28     205.14       0.00  0.666667E-05 ALL
  January 2021
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  January 2021
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    March 2017
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    March 2017
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  January 2018
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  January 2018
436242.75000  3710171.50000     172.71     172.71       0.00  0.100000E-04 ALL
  January 2018
436248.96875  3710149.25000     172.50     172.50       0.00  0.100000E-04 ALL
  January 2018
436255.21875  3710127.25000     173.80     173.80       0.00  0.100000E-04 ALL
  January 2018
436261.43750  3710105.00000     174.24     174.24       0.00  0.100000E-04 ALL
  January 2018
436267.68750  3710082.75000     174.15     174.15       0.00  0.100000E-04 ALL
  January 2018
436273.93750  3710060.75000     173.89     173.89       0.00  0.100000E-04 ALL
  January 2018
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  January 2018
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 December 2017
436292.62500  3709994.25000     173.37     173.37       0.00  0.000000E+00 ALL
    March 2017
436298.87500  3709972.25000     173.05     173.05       0.00  0.000000E+00 ALL
    March 2017
436305.12500  3709950.00000     172.56     172.56       0.00  0.000000E+00 ALL
    March 2017
436311.34375  3709927.75000     172.03     172.03       0.00  0.000000E+00 ALL
    March 2017
436317.59375  3709905.75000     171.66     171.66       0.00  0.000000E+00 ALL
    March 2017
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436323.81250  3709883.50000     171.16     171.16       0.00  0.000000E+00 ALL
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    March 2017
436336.31250  3709839.25000     168.78     169.95       0.00  0.000000E+00 ALL
    March 2017
436342.53125  3709817.00000     166.97     169.95       0.00  0.000000E+00 ALL
    March 2017
436348.78125  3709795.00000     165.11     171.12       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
436236.50000  3710193.50000     174.09     174.09       0.00  0.100000E-04 ALL
  January 2018
436237.25000  3710216.75000     175.13     175.13       0.00  0.100000E-04 ALL
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436238.00000  3710239.75000     175.07     175.07       0.00  0.100000E-04 ALL
  January 2018
436142.68750  3710175.00000     169.22     169.22       0.00  0.000000E+00 ALL
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    March 2017
436154.96875  3710131.50000     168.46     168.46       0.00  0.000000E+00 ALL
    March 2017
436161.12500  3710109.75000     168.61     168.61       0.00  0.000000E+00 ALL
    March 2017
436167.25000  3710087.75000     169.45     173.08       0.00  0.000000E+00 ALL
    March 2017
436173.40625  3710066.00000     169.61     173.08       0.00  0.000000E+00 ALL
    March 2017
436179.53125  3710044.25000     170.23     170.23       0.00  0.000000E+00 ALL
    March 2017
436185.68750  3710022.50000     170.81     170.81       0.00  0.000000E+00 ALL
    March 2017
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436750.12500  3710290.25000     149.61     205.14       0.00  0.133333E-04 ALL
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 December 2017
436741.87500  3710245.75000     152.19     205.14       0.00  0.100000E-04 ALL
 December 2017
436754.21875  3710312.50000     148.35     205.14       0.00  0.200000E-04 ALL
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436703.15625  3710308.25000     163.69     205.14       0.00  0.100000E-04 ALL
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436695.46875  3710266.75000     168.62     205.14       0.00  0.100000E-04 ALL
 December 2017
436714.93750  3710351.75000     157.54     205.14       0.00  0.200000E-04 ALL
  January 2021
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436646.59375 3710274.25000   187.62   205.14   0.00 0.100000E-04 ALL
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436642.18750 3710250.50000   190.83   205.14   0.00 0.100000E-04 ALL
 December 2017
436659.78125 3710345.25000   178.88   205.14   0.00 0.100000E-04 ALL
    March 2017
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 December 2017
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 December 2017
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 December 2017
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 December 2017
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 December 2017
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 December 2017
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436581.18750 3710423.75000   165.26   205.14   0.00 0.100000E-04 ALL
 December 2017
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 December 2017

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 December 2017
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 December 2017
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 December 2017
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 December 2017
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 December 2017
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  January 2018

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436791.87500  3710414.25000     127.78     205.14       0.00  0.200000E-04 ALL
  January 2018
436802.81250  3710436.50000     116.56     210.88       0.00  0.200000E-04 ALL
 December 2017
436813.71875  3710458.75000     104.39     211.60       0.00  0.300000E-04 ALL
  January 2021
436824.62500  3710481.25000      93.33     211.60       0.00  0.300000E-04 ALL
  January 2018
436746.96875  3710436.25000     126.54     205.14       0.00  0.200000E-04 ALL
  January 2018
436757.87500  3710458.50000     115.43     205.14       0.00  0.200000E-04 ALL
  January 2018
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 December 2017
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  January 2018
436692.81250  3710436.00000     140.26     205.14       0.00  0.200000E-04 ALL
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436723.87500  3710502.75000     111.58     205.14       0.00  0.200000E-04 ALL
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 December 2017
436668.03125  3710502.50000     131.46     205.14       0.00  0.200000E-04 ALL
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436634.03125  3710546.75000     166.44     205.14       0.00  0.100000E-04 ALL
    March 2017
436644.96875  3710569.00000     166.55     204.69       0.00  0.100000E-04 ALL
    March 2017
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 December 2017
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436503.90625  3710501.75000     185.56     185.56       0.00  0.100000E-04 ALL
 December 2017
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 December 2017
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 December 2017
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 December 2017
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 December 2017
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436315.00000  3710567.25000     181.99     185.39       0.00  0.666667E-05 ALL
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436342.68750  3710633.75000     180.21     180.21       0.00  0.666667E-05 ALL
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436353.62500  3710656.00000     179.73     179.73       0.00  0.666667E-05 ALL
 December 2018
436364.53125  3710678.50000     178.87     178.87       0.00  0.666667E-05 ALL
 December 2018
436375.43750  3710700.75000     177.17     177.17       0.00  0.666667E-05 ALL
 December 2018
436244.56250  3710657.75000     178.55     178.55       0.00  0.000000E+00 ALL
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436227.93750  3710618.00000     179.42     179.42       0.00  0.000000E+00 ALL
    March 2017
436263.78125  3710700.00000     176.70     176.70       0.00  0.000000E+00 ALL
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436285.62500  3710744.75000     175.12     175.12       0.00  0.000000E+00 ALL
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436144.56250  3710677.25000     176.77     176.77       0.00  0.000000E+00 ALL
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436135.34375  3710655.25000     176.64     176.64       0.00  0.000000E+00 ALL
    March 2017
436126.12500  3710633.00000     176.38     176.38       0.00  0.000000E+00 ALL
    March 2017
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436163.03125 3710721.75000   175.83   175.83   0.00 0.000000E+00 ALL
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436184.87500 3710766.25000   174.23   174.23   0.00 0.000000E+00 ALL
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436195.78125 3710788.75000   173.69   173.69   0.00 0.000000E+00 ALL
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436064.71875 3710745.25000   168.78   173.43   0.00 0.000000E+00 ALL
    March 2017
436047.81250 3710704.75000   171.37   171.71   0.00 0.000000E+00 ALL
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436084.12500 3710788.00000   169.27   169.27   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
435937.21875 3710698.75000   155.46   177.30   0.00 0.000000E+00 ALL
    March 2017
435983.37500 3710809.50000   154.66   177.30   0.00 0.000000E+00 ALL
    March 2017
435994.28125 3710831.75000   151.33   177.31   0.00 0.000000E+00 ALL
    March 2017
436005.18750 3710854.25000   149.14   178.34   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
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 December 2017

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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
435910.62500 3709813.00000   172.28   172.28   0.00 0.000000E+00 ALL
    March 2017
435919.96875 3709792.50000   172.34   172.34   0.00 0.000000E+00 ALL
    March 2017

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435938.62500 3709751.50000   172.04   172.04   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
435836.12500 3709738.50000   161.55   172.71   0.00 0.000000E+00 ALL
    March 2017
435845.65625 3709717.50000   157.57   172.71   0.00 0.000000E+00 ALL
    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017
435689.03125 3709824.00000   152.60   172.71   0.00 0.000000E+00 ALL
    March 2017

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    March 2017
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    March 2017
435726.21875  3709742.00000     163.61     163.61       0.00  0.000000E+00 ALL
    March 2017
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435744.84375  3709701.00000     161.80     161.80       0.00  0.000000E+00 ALL
    March 2017
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    March 2017
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436921.28125  3710588.25000      82.16     211.60       0.00  0.766667E-04 ALL
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436869.96875  3710493.50000      84.44     211.60       0.00  0.433333E-04 ALL
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  January 2018
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436570.75000  3710580.50000     184.75     186.78       0.00  0.100000E-04 ALL
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436526.84375  3710447.25000     182.50     185.63       0.00  0.100000E-04 ALL
 December 2017
436530.96875  3710410.50000     182.50     204.69       0.00  0.100000E-04 ALL
 December 2017
436521.53125  3710602.75000     183.52     183.52       0.00  0.100000E-04 ALL
 December 2017
436423.03125  3710485.25000     184.94     184.94       0.00  0.100000E-04 ALL
 December 2017
436427.43750  3710446.00000     185.35     185.35       0.00  0.100000E-04 ALL
 December 2017
436431.87500  3710407.00000     185.56     185.56       0.00  0.100000E-04 ALL
 December 2017
436419.37500  3710545.00000     184.38     184.38       0.00  0.100000E-04 ALL
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436421.62500  3710606.25000     182.46     182.46       0.00  0.100000E-04 ALL
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436320.81250  3710509.50000     186.04     186.04       0.00  0.666667E-05 ALL
  January 2020
436325.00000  3710472.00000     185.45     185.45       0.00  0.100000E-04 ALL
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436329.21875  3710434.50000     184.41     184.41       0.00  0.100000E-04 ALL
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436333.43750  3710397.25000     182.38     182.38       0.00  0.100000E-04 ALL
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436337.65625  3710359.75000     180.93     180.93       0.00  0.100000E-04 ALL
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436225.37500  3710473.00000     184.74     184.74       0.00  0.000000E+00 ALL
    March 2017
436229.78125  3710433.75000     184.68     184.68       0.00  0.000000E+00 ALL
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436133.71875 3710403.00000 183.05 183.05 0.00 0.000000E+00 ALL
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436137.96875 3710365.25000 182.33 182.33 0.00 0.000000E+00 ALL
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436025.50000 3710480.25000 173.69 181.77 0.00 0.000000E+00 ALL
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436029.90625 3710441.00000 177.19 180.54 0.00 0.000000E+00 ALL
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March 2017
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March 2017
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March 2017

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 December 2017
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 December 2017

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436394.00000  3710088.00000     175.74     205.14       0.00  0.100000E-04 ALL
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435831.03125  3709671.25000     156.09     172.71       0.00  0.000000E+00 ALL
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435816.87500  3709689.25000     156.33     172.71       0.00  0.000000E+00 ALL
    March 2017
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  January 2020
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 December 2017
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  January 2019
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 November 2018
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 December 2017
436715.65625  3710633.75000     148.76     205.14       0.00  0.166667E-04 ALL
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436712.06250  3710673.50000     153.65     205.14       0.00  0.166667E-04 ALL
 December 2018
436708.50000  3710713.50000     160.85     186.89       0.00  0.100000E-04 ALL
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    March 2017
436708.25000  3710523.00000     122.27     205.14       0.00  0.200000E-04 ALL
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436664.06250  3710649.25000     168.34     186.89       0.00  0.100000E-04 ALL
    March 2017
436660.50000  3710689.00000     174.43     185.92       0.00  0.100000E-04 ALL
    March 2017
436656.90625  3710729.00000     180.22     180.22       0.00  0.100000E-04 ALL
    March 2017
436622.78125  3710607.75000     181.08     186.78       0.00  0.100000E-04 ALL
    March 2017
436656.50000  3710523.25000     142.98     205.14       0.00  0.133333E-04 ALL
 December 2017
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436614.25000  3710644.75000     184.89     184.89       0.00  0.100000E-04 ALL
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436607.12500  3710724.50000     173.99     185.92       0.00  0.100000E-04 ALL
    March 2017
436594.50000  3710549.50000     185.23     186.89       0.00  0.100000E-04 ALL
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 December 2017
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 February 2018
436545.81250  3710542.25000     185.71     185.71       0.00  0.100000E-04 ALL
 December 2017
436575.15625  3710468.75000     169.52     205.14       0.00  0.100000E-04 ALL
 December 2017
436514.65625  3710635.75000     182.84     182.84       0.00  0.100000E-04 ALL
 December 2017
436511.09375  3710675.75000     177.99     182.77       0.00  0.100000E-04 ALL
 December 2017
436507.50000  3710715.50000     176.44     176.44       0.00  0.100000E-04 ALL
 February 2018
436473.71875  3710593.75000     183.20     183.20       0.00  0.100000E-04 ALL
 December 2017
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 December 2017
436558.50000  3710381.00000     180.86     205.14       0.00  0.100000E-04 ALL
 December 2017
436459.50000  3710691.25000     177.25     177.25       0.00  0.100000E-04 ALL
  January 2019
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 December 2018
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  January 2018
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 December 2017
436365.25000  3710622.50000     180.46     180.46       0.00  0.666667E-05 ALL
 December 2018
436274.50000  3710575.75000     179.91     179.91       0.00  0.000000E+00 ALL
    March 2017
436380.50000  3710310.00000     181.04     181.04       0.00  0.100000E-04 ALL
 December 2017
436394.62500  3710274.75000     180.50     205.14       0.00  0.100000E-04 ALL
 December 2017
436265.65625  3710613.50000     179.87     179.87       0.00  0.000000E+00 ALL
    March 2017
436175.21875  3710566.25000     178.08     178.08       0.00  0.000000E+00 ALL
    March 2017
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436278.43750  3710307.25000     176.56     184.77       0.00  0.100000E-04 ALL
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  January 2018
436307.93750  3710233.25000     175.64     175.64       0.00  0.100000E-04 ALL
  January 2018
436166.06250  3710604.50000     177.57     177.57       0.00  0.000000E+00 ALL
    March 2017
436162.46875  3710644.50000     177.38     177.38       0.00  0.000000E+00 ALL
    March 2017
436075.56250  3710557.25000     172.78     175.52       0.00  0.000000E+00 ALL
    March 2017
436178.31250  3710299.75000     178.54     178.54       0.00  0.000000E+00 ALL
    March 2017
436192.96875  3710263.00000     176.24     176.24       0.00  0.333333E-05 ALL
 December 2017
436207.65625  3710226.00000     175.35     175.35       0.00  0.100000E-04 ALL
  January 2018
436066.43750  3710595.75000     170.80     170.80       0.00  0.000000E+00 ALL
    March 2017
436062.87500  3710635.50000     171.86     171.86       0.00  0.000000E+00 ALL
    March 2017
436059.31250  3710675.50000     171.95     171.95       0.00  0.000000E+00 ALL
    March 2017
436012.50000  3710456.75000     173.68     182.38       0.00  0.000000E+00 ALL
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436078.28125  3710291.75000     175.03     179.97       0.00  0.000000E+00 ALL
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436092.90625  3710255.25000     173.20     173.20       0.00  0.000000E+00 ALL
    March 2017
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435968.62500  3710566.75000     161.62     183.60       0.00  0.000000E+00 ALL
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    March 2017
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    March 2017
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    March 2017
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    March 2017
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March 2017

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March 2017
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March 2017
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    March 2017
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    March 2017
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    March 2017
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    March 2017

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March 2017
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March 2017
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March 2017

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    March 2017
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    March 2017

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March 2017
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March 2017

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436259.68750 3711416.25000   126.82   165.77   0.00 0.000000E+00 ALL
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    March 2017
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    March 2017

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    March 2017

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437081.71875 3711930.50000   93.83   175.59   0.00 0.000000E+00 ALL
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    March 2017

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    March 2017

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436194.28125 3711859.50000   109.28   175.59   0.00 0.000000E+00 ALL
    March 2017
436176.96875 3711844.75000   108.64   175.59   0.00 0.000000E+00 ALL
    March 2017
436159.65625 3711829.75000   108.46   175.59   0.00 0.000000E+00 ALL
    March 2017
436142.37500 3711815.00000   108.18   175.59   0.00 0.000000E+00 ALL
    March 2017
436125.06250 3711800.25000   107.95   175.59   0.00 0.000000E+00 ALL
    March 2017
436107.75000 3711785.50000   107.71   175.59   0.00 0.000000E+00 ALL
    March 2017

436090.43750 3711770.50000   107.41   175.59   0.00 0.000000E+00 ALL
    March 2017
436073.12500 3711755.75000   107.18   175.30   0.00 0.000000E+00 ALL
    March 2017
436055.84375 3711741.00000   106.73   162.03   0.00 0.000000E+00 ALL
    March 2017
436038.53125 3711726.25000   105.87   162.03   0.00 0.000000E+00 ALL
    March 2017
436021.21875 3711711.25000   105.04   162.03   0.00 0.000000E+00 ALL
    March 2017
436003.90625 3711696.50000   103.96   162.03   0.00 0.000000E+00 ALL
    March 2017
435986.59375 3711681.75000   102.33   162.03   0.00 0.000000E+00 ALL
    March 2017
435969.28125 3711667.00000   101.19   162.03   0.00 0.000000E+00 ALL
    March 2017
435951.96875 3711652.25000   100.53   162.03   0.00 0.000000E+00 ALL
    March 2017
435830.81250 3711548.50000   97.58   155.69   0.00 0.000000E+00 ALL
    March 2017
435796.21875 3711518.75000   98.00   155.69   0.00 0.000000E+00 ALL
    March 2017
437340.56250 3712136.75000   78.45   175.59   0.00 0.000000E+00 ALL
    March 2017
437343.71875 3712231.75000   82.30   175.59   0.00 0.000000E+00 ALL
    March 2017
437298.50000 3712229.00000   85.68   175.59   0.00 0.000000E+00 ALL
    March 2017
437275.87500 3712227.75000   86.57   175.59   0.00 0.000000E+00 ALL
    March 2017
437253.25000 3712226.25000   87.34   175.59   0.00 0.000000E+00 ALL
    March 2017
437230.62500 3712224.75000   88.95   175.59   0.00 0.000000E+00 ALL
    March 2017
437208.03125 3712223.50000   90.91   175.59   0.00 0.000000E+00 ALL
    March 2017
437185.40625 3712222.00000   92.63   175.59   0.00 0.000000E+00 ALL
    March 2017
437162.78125 3712220.50000   94.27   175.59   0.00 0.000000E+00 ALL
    March 2017
437140.15625 3712219.25000   96.10   175.59   0.00 0.000000E+00 ALL
    March 2017
437117.53125 3712217.75000   97.83   175.59   0.00 0.000000E+00 ALL
    March 2017
437094.90625 3712216.50000   99.77   175.59   0.00 0.000000E+00 ALL
    March 2017
437072.31250 3712215.00000   101.38   175.59   0.00 0.000000E+00 ALL
    March 2017
437049.68750 3712213.50000   103.19   175.59   0.00 0.000000E+00 ALL
    March 2017

437004.43750 3712210.75000   114.82   155.77   0.00 0.000000E+00 ALL
    March 2017
436959.21875 3712208.00000   136.03   147.10   0.00 0.000000E+00 ALL
    March 2017
436936.59375 3712206.50000   143.89   143.89   0.00 0.000000E+00 ALL
    March 2017
436913.96875 3712205.25000   144.50   144.50   0.00 0.000000E+00 ALL
    March 2017
436891.37500 3712203.75000   144.40   144.40   0.00 0.000000E+00 ALL
    March 2017
436868.75000 3712202.25000   143.99   143.99   0.00 0.000000E+00 ALL
    March 2017
436846.12500 3712201.00000   143.13   143.13   0.00 0.000000E+00 ALL
    March 2017
436823.50000 3712199.50000   141.53   143.95   0.00 0.000000E+00 ALL
    March 2017
436710.40625 3712192.50000   136.28   155.77   0.00 0.000000E+00 ALL
    March 2017
436687.78125 3712191.00000   137.36   155.14   0.00 0.000000E+00 ALL
    March 2017
436665.15625 3712189.75000   138.04   155.92   0.00 0.000000E+00 ALL
    March 2017
436642.56250 3712188.25000   139.44   155.92   0.00 0.000000E+00 ALL
    March 2017
436619.93750 3712187.00000   142.29   155.92   0.00 0.000000E+00 ALL
    March 2017
436597.31250 3712185.50000   145.80   150.38   0.00 0.000000E+00 ALL
    March 2017
436574.68750 3712184.00000   147.38   155.82   0.00 0.000000E+00 ALL
    March 2017
436552.09375 3712182.75000   148.09   155.82   0.00 0.000000E+00 ALL
    March 2017
436529.46875 3712181.25000   149.33   156.10   0.00 0.000000E+00 ALL
    March 2017
436506.84375 3712180.00000   151.70   155.82   0.00 0.000000E+00 ALL
    March 2017
436484.21875 3712178.50000   153.27   153.27   0.00 0.000000E+00 ALL
    March 2017
436461.59375 3712177.00000   153.61   153.61   0.00 0.000000E+00 ALL
    March 2017
436438.96875 3712175.75000   152.55   154.19   0.00 0.000000E+00 ALL
    March 2017
436399.15625 3712159.50000   149.24   149.24   0.00 0.000000E+00 ALL
    March 2017
436381.93750 3712144.75000   149.32   149.32   0.00 0.000000E+00 ALL
    March 2017
436364.71875 3712130.00000   148.81   148.81   0.00 0.000000E+00 ALL
    March 2017
436347.50000 3712115.25000   145.11   149.58   0.00 0.000000E+00 ALL
    March 2017

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436330.28125  3712100.50000     140.37     149.84       0.00  0.000000E+00 ALL
    March 2017
436313.06250  3712085.75000     136.03     156.06       0.00  0.000000E+00 ALL
    March 2017
436295.84375  3712071.25000     133.97     156.06       0.00  0.000000E+00 ALL
    March 2017
436278.62500  3712056.50000     132.59     156.06       0.00  0.000000E+00 ALL
    March 2017
436261.37500  3712041.75000     131.44     149.84       0.00  0.000000E+00 ALL
    March 2017
436244.15625  3712027.00000     132.90     149.61       0.00  0.000000E+00 ALL
    March 2017
436226.93750  3712012.25000     135.62     141.43       0.00  0.000000E+00 ALL
    March 2017
436209.71875  3711997.50000     138.84     141.38       0.00  0.000000E+00 ALL
    March 2017
436192.50000  3711982.75000     139.94     139.94       0.00  0.000000E+00 ALL
    March 2017
436175.28125  3711968.00000     140.49     140.49       0.00  0.000000E+00 ALL
    March 2017
436158.06250  3711953.25000     138.35     140.96       0.00  0.000000E+00 ALL
    March 2017
436140.84375  3711938.50000     134.43     141.43       0.00  0.000000E+00 ALL
    March 2017
436123.62500  3711923.75000     127.92     141.43       0.00  0.000000E+00 ALL
    March 2017
436106.40625  3711909.00000     121.05     141.43       0.00  0.000000E+00 ALL
    March 2017
436089.18750  3711894.25000     117.88     141.43       0.00  0.000000E+00 ALL
    March 2017
436071.96875  3711879.50000     117.17     141.43       0.00  0.000000E+00 ALL
    March 2017
436054.75000  3711864.75000     116.81     141.43       0.00  0.000000E+00 ALL
    March 2017
436037.53125  3711850.25000     116.42     141.43       0.00  0.000000E+00 ALL
    March 2017
436020.31250  3711835.50000     114.26     141.43       0.00  0.000000E+00 ALL
    March 2017
436003.09375  3711820.75000     111.22     141.43       0.00  0.000000E+00 ALL
    March 2017
435985.87500  3711806.00000     110.06     141.43       0.00  0.000000E+00 ALL
    March 2017
435968.65625  3711791.25000     108.79     141.43       0.00  0.000000E+00 ALL
    March 2017
435951.43750  3711776.50000     107.99     141.43       0.00  0.000000E+00 ALL
    March 2017
435934.21875  3711761.75000     106.23     141.43       0.00  0.000000E+00 ALL
    March 2017
435917.00000  3711747.00000     105.14     141.43       0.00  0.000000E+00 ALL
    March 2017
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435899.78125 3711732.25000   104.47   141.20   0.00 0.000000E+00 ALL
    March 2017
435882.56250 3711717.50000   101.68   141.43   0.00 0.000000E+00 ALL
    March 2017
435865.34375 3711702.75000   98.49   141.43   0.00 0.000000E+00 ALL
    March 2017
435727.59375 3711585.00000   95.58   154.79   0.00 0.000000E+00 ALL
    March 2017
435710.37500 3711570.25000   95.71   154.79   0.00 0.000000E+00 ALL
    March 2017
436970.59375 3710769.00000   68.51   211.60   0.00 0.233333E-03 ALL
 December 2020
436955.71875 3710755.75000   70.49   211.60   0.00 0.226667E-03 ALL
  January 2021
436964.65625 3710656.00000   69.13   211.60   0.00 0.350000E-03 ALL
  January 2021
437021.21875 3710584.50000   65.64   211.60   0.00 0.433333E-03 ALL
  January 2021
437018.21875 3710502.75000   68.99   211.60   0.00 0.320000E-03 ALL
  January 2021
437036.09375 3710435.75000   68.89   211.60   0.00 0.223333E-03 ALL
  January 2021
437094.12500 3710349.25000   62.96   211.60   0.00 0.400000E-04 ALL
  January 2018
437061.37500 3710282.50000   66.23   211.60   0.00 0.200000E-04 ALL
    March 2017
437037.59375 3710214.00000   69.84   211.60   0.00 0.166667E-04 ALL
  January 2021
437036.09375 3710167.75000   71.21   211.60   0.00 0.100000E-04 ALL
    March 2017
437070.31250 3710115.75000   66.17   211.60   0.00 0.100000E-04 ALL
    March 2017
437123.90625 3710072.50000   56.80   211.60   0.00 0.100000E-04 ALL
    March 2017
437222.12500 3710135.00000   62.85   211.60   0.00 0.100000E-04 ALL
    March 2017
437186.40625 3710196.00000   62.85   211.60   0.00 0.100000E-04 ALL
    March 2017
437176.00000 3710245.25000   62.32   211.60   0.00 0.200000E-04 ALL
  January 2021
437195.34375 3710272.00000   62.16   211.60   0.00 0.200000E-04 ALL
 December 2017
437262.34375 3710316.75000   63.44   211.60   0.00 0.200000E-04 ALL
 December 2019
437296.56250 3710364.25000   64.35   211.60   0.00 0.200000E-04 ALL
  January 2020
437295.06250 3710425.25000   65.66   211.60   0.00 0.200000E-04 ALL
    March 2017
437305.50000 3710467.00000   69.66   211.60   0.00 0.200000E-04 ALL
    March 2017

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437274.25000  3710557.75000      67.68     211.60       0.00  0.300000E-04 ALL
  January 2021
437244.46875  3710642.50000      66.46     211.60       0.00  0.300000E-04 ALL
    March 2017
437260.84375  3710791.50000      67.57     211.60       0.00  0.200000E-04 ALL
    March 2017
437210.21875  3710813.75000      60.83     211.60       0.00  0.200000E-04 ALL
    March 2017
437162.59375  3710772.00000      64.51     211.60       0.00  0.366667E-04 ALL
  January 2021
437001.87500  3710778.00000      66.48     211.60       0.00  0.140000E-03 ALL
  January 2021
436979.53125  3710784.00000      67.59     211.60       0.00  0.143333E-03 ALL
 December 2020
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
 ***
 - - -

 **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 Concurrent Values for Postprocessing
(POSTFILE 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 =   8.2 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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                            (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: E:\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)
↑ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


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

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

SLINE2   HIGH   1ST HIGH VALUE IS     878.49657  ON 19021217: AT (  436970.60,
3710769.10,    68.51,   211.60,    0.00)  DC
         HIGH   8TH HIGH VALUE IS     620.25897  ON 19072206: AT (  437021.21,
3710584.54,    65.64,   211.60,    0.00)  DC

SLINE3   HIGH   1ST HIGH VALUE IS     464.51489  ON 19021217: AT (  437162.60,
3710772.08,    64.51,   211.60,    0.00)  DC
         HIGH   8TH HIGH VALUE IS     321.26219  ON 17052803: AT (  437162.60,
3710772.08,    64.51,   211.60,    0.00)  DC

SLINE4   HIGH   1ST HIGH VALUE IS     452.97640  ON 19021217: AT (  437001.86,
3710778.03,    66.48,   211.60,    0.00)  DC
         HIGH   8TH HIGH VALUE IS     292.73296  ON 19120616: AT (  437001.86,
3710778.03,    66.48,   211.60,    0.00)  DC

SLINE5   HIGH   1ST HIGH VALUE IS     388.48186  ON 19020217: AT (  437021.21,
3710584.54,    65.64,   211.60,    0.00)  DC
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         HIGH   8TH HIGH VALUE IS     323.55265  ON 18112206: AT (  437018.23,
3710502.68,    68.99,   211.60,    0.00)  DC

SLINE6   HIGH   1ST HIGH VALUE IS     198.18360  ON 17070719: AT (  437295.07,
3710425.28,    65.66,   211.60,    0.00)  DC
         HIGH   8TH HIGH VALUE IS     175.32453  ON 20020808: AT (  437176.00,
3710245.18,    62.32,   211.60,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS    1250.28260  ON 19021217: AT (  436970.60,
3710769.10,    68.51,   211.60,    0.00)  DC
         HIGH   8TH HIGH VALUE IS    1085.05092  ON 20020808: AT (  437021.21,
3710584.54,    65.64,   211.60,    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   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE   5
 *** 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    1643       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1643       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: 11/21/2025
** File: E:\Compass-AAQA-Lead 30 day\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 OTHER
   RUNORNOT RUN
   ERRORFIL Compass.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Landscaping
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 7
** 436991.001, 3710763.956, 66.86, 5.00, 4.65
** 436971.156, 3710747.613, 69.88, 5.00, 4.65
** 436979.327, 3710654.224, 67.20, 5.00, 4.65
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** 437037.696, 3710590.019, 65.37, 5.00, 4.65
** 437035.361, 3710515.307, 67.88, 5.00, 4.65
** 437038.863, 3710474.450, 68.21, 5.00, 4.65
** 437059.876, 3710433.592, 66.67, 5.00, 4.65
** ----------------------------------------------------------------------
   LOCATION L0003910     VOLUME   436987.141 3710760.777 67.45
   LOCATION L0003911     VOLUME   436979.422 3710754.420 68.62
   LOCATION L0003912     VOLUME   436971.703 3710748.063 69.80
   LOCATION L0003913     VOLUME   436971.966 3710738.357 69.61
   LOCATION L0003914     VOLUME   436972.837 3710728.395 69.33
   LOCATION L0003915     VOLUME   436973.709 3710718.433 69.04
   LOCATION L0003916     VOLUME   436974.581 3710708.471 68.76
   LOCATION L0003917     VOLUME   436975.452 3710698.509 68.47
   LOCATION L0003918     VOLUME   436976.324 3710688.547 68.18
   LOCATION L0003919     VOLUME   436977.196 3710678.585 67.90
   LOCATION L0003920     VOLUME   436978.067 3710668.623 67.61
   LOCATION L0003921     VOLUME   436978.939 3710658.661 67.33
   LOCATION L0003922     VOLUME   436983.058 3710650.120 67.08
   LOCATION L0003923     VOLUME   436989.784 3710642.721 66.87
   LOCATION L0003924     VOLUME   436996.511 3710635.321 66.66
   LOCATION L0003925     VOLUME   437003.238 3710627.922 66.45
   LOCATION L0003926     VOLUME   437009.965 3710620.523 66.24
   LOCATION L0003927     VOLUME   437016.691 3710613.123 66.03
   LOCATION L0003928     VOLUME   437023.418 3710605.724 65.82
   LOCATION L0003929     VOLUME   437030.145 3710598.324 65.61
   LOCATION L0003930     VOLUME   437036.872 3710590.925 65.40
   LOCATION L0003931     VOLUME   437037.422 3710581.248 65.66
   LOCATION L0003932     VOLUME   437037.109 3710571.253 66.00
   LOCATION L0003933     VOLUME   437036.797 3710561.258 66.34
   LOCATION L0003934     VOLUME   437036.485 3710551.263 66.67
   LOCATION L0003935     VOLUME   437036.172 3710541.267 67.01
   LOCATION L0003936     VOLUME   437035.860 3710531.272 67.34
   LOCATION L0003937     VOLUME   437035.547 3710521.277 67.68
   LOCATION L0003938     VOLUME   437035.705 3710511.295 67.91
   LOCATION L0003939     VOLUME   437036.559 3710501.331 67.99
   LOCATION L0003940     VOLUME   437037.413 3710491.368 68.07
   LOCATION L0003941     VOLUME   437038.267 3710481.404 68.15
   LOCATION L0003942     VOLUME   437040.244 3710471.764 68.11
   LOCATION L0003943     VOLUME   437044.817 3710462.871 67.77
   LOCATION L0003944     VOLUME   437049.391 3710453.978 67.44
   LOCATION L0003945     VOLUME   437053.964 3710445.086 67.10
   LOCATION L0003946     VOLUME   437058.538 3710436.193 66.77
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Landscaping
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
```

```
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 8
** 437160.269, 3710748.780, 64.56, 5.00, 4.65
** 437162.604, 3710629.709, 63.88, 5.00, 4.65
** 437155.599, 3710616.868, 63.54, 5.00, 4.65
** 437160.269, 3710453.437, 63.24, 5.00, 4.65
** 437154.432, 3710440.596, 63.17, 5.00, 4.65
** 437155.599, 3710418.416, 63.05, 5.00, 4.65
** 437143.926, 3710403.240, 63.09, 5.00, 4.65
** 437121.746, 3710403.240, 63.67, 5.00, 4.65
** ------------------------------------------------------------------
   LOCATION L0003947     VOLUME   437160.367 3710743.781 64.53
   LOCATION L0003948     VOLUME   437160.563 3710733.783 64.47
   LOCATION L0003949     VOLUME   437160.759 3710723.785 64.42
   LOCATION L0003950     VOLUME   437160.955 3710713.787 64.36
   LOCATION L0003951     VOLUME   437161.151 3710703.789 64.30
   LOCATION L0003952     VOLUME   437161.347 3710693.791 64.25
   LOCATION L0003953     VOLUME   437161.543 3710683.793 64.19
   LOCATION L0003954     VOLUME   437161.739 3710673.794 64.13
   LOCATION L0003955     VOLUME   437161.935 3710663.796 64.07
   LOCATION L0003956     VOLUME   437162.131 3710653.798 64.02
   LOCATION L0003957     VOLUME   437162.327 3710643.800 63.96
   LOCATION L0003958     VOLUME   437162.523 3710633.802 63.90
   LOCATION L0003959     VOLUME   437159.775 3710624.524 63.74
   LOCATION L0003960     VOLUME   437155.636 3710615.590 63.54
   LOCATION L0003961     VOLUME   437155.922 3710605.594 63.52
   LOCATION L0003962     VOLUME   437156.207 3710595.598 63.50
   LOCATION L0003963     VOLUME   437156.493 3710585.602 63.48
   LOCATION L0003964     VOLUME   437156.778 3710575.606 63.46
   LOCATION L0003965     VOLUME   437157.064 3710565.610 63.45
   LOCATION L0003966     VOLUME   437157.350 3710555.614 63.43
   LOCATION L0003967     VOLUME   437157.635 3710545.618 63.41
   LOCATION L0003968     VOLUME   437157.921 3710535.622 63.39
   LOCATION L0003969     VOLUME   437158.206 3710525.626 63.37
   LOCATION L0003970     VOLUME   437158.492 3710515.630 63.35
   LOCATION L0003971     VOLUME   437158.778 3710505.634 63.34
   LOCATION L0003972     VOLUME   437159.063 3710495.638 63.32
   LOCATION L0003973     VOLUME   437159.349 3710485.643 63.30
   LOCATION L0003974     VOLUME   437159.634 3710475.647 63.28
   LOCATION L0003975     VOLUME   437159.920 3710465.651 63.26
   LOCATION L0003976     VOLUME   437160.205 3710455.655 63.24
   LOCATION L0003977     VOLUME   437157.049 3710446.353 63.20
   LOCATION L0003978     VOLUME   437154.625 3710436.925 63.15
   LOCATION L0003979     VOLUME   437155.151 3710426.939 63.10
   LOCATION L0003980     VOLUME   437154.706 3710417.255 63.05
   LOCATION L0003981     VOLUME   437148.609 3710409.328 63.07
   LOCATION L0003982     VOLUME   437141.607 3710403.240 63.15
   LOCATION L0003983     VOLUME   437131.607 3710403.240 63.41
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** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Site Construction
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 31
** 437055.206, 3710480.286, 66.37, 5.00, 4.65
** 437052.871, 3710598.190, 64.04, 5.00, 4.65
** 436996.838, 3710665.897, 65.39, 5.00, 4.65
** 436996.838, 3710748.780, 66.86, 5.00, 4.65
** 437141.591, 3710749.947, 64.67, 5.00, 4.65
** 437142.758, 3710629.709, 64.08, 5.00, 4.65
** 437127.583, 3710627.374, 64.05, 5.00, 4.65
** 437127.583, 3710587.684, 63.67, 5.00, 4.65
** 437083.223, 3710586.516, 63.80, 5.00, 4.65
** 437012.014, 3710674.069, 64.99, 5.00, 4.65
** 437010.846, 3710732.437, 65.28, 5.00, 4.65
** 437126.415, 3710733.604, 64.57, 5.00, 4.65
** 437127.583, 3710648.387, 64.06, 5.00, 4.65
** 437113.574, 3710649.554, 64.00, 5.00, 4.65
** 437112.407, 3710606.362, 63.69, 5.00, 4.65
** 437084.390, 3710605.194, 63.82, 5.00, 4.65
** 437028.357, 3710678.738, 64.51, 5.00, 4.65
** 437026.022, 3710718.429, 64.73, 5.00, 4.65
** 437106.570, 3710718.429, 64.48, 5.00, 4.65
** 437108.905, 3710667.065, 64.26, 5.00, 4.65
** 437094.896, 3710667.065, 64.31, 5.00, 4.65
** 437096.064, 3710623.872, 63.91, 5.00, 4.65
** 437086.725, 3710626.207, 64.08, 5.00, 4.65
** 437049.369, 3710681.073, 64.55, 5.00, 4.65
** 437045.867, 3710704.420, 64.61, 5.00, 4.65
** 437087.892, 3710704.420, 64.53, 5.00, 4.65
** 437091.394, 3710677.571, 64.44, 5.00, 4.65
** 437082.055, 3710678.738, 64.44, 5.00, 4.65
** 437085.558, 3710649.554, 64.09, 5.00, 4.65
** 437061.043, 3710690.412, 64.54, 5.00, 4.65
** 437077.386, 3710690.412, 64.52, 5.00, 4.65
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   LOCATION L0003986     VOLUME   437054.711 3710505.281 65.88
   LOCATION L0003987     VOLUME   437054.513 3710515.279 65.68
   LOCATION L0003988     VOLUME   437054.315 3710525.278 65.48
   LOCATION L0003989     VOLUME   437054.117 3710535.276 65.28
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LOCATION L0003990     VOLUME   437053.919 3710545.274 65.09
LOCATION L0003991     VOLUME   437053.721 3710555.272 64.89
LOCATION L0003992     VOLUME   437053.523 3710565.270 64.69
LOCATION L0003993     VOLUME   437053.325 3710575.268 64.49
LOCATION L0003994     VOLUME   437053.127 3710585.266 64.30
LOCATION L0003995     VOLUME   437052.929 3710595.264 64.10
LOCATION L0003996     VOLUME   437048.362 3710603.639 64.15
LOCATION L0003997     VOLUME   437041.986 3710611.343 64.30
LOCATION L0003998     VOLUME   437035.610 3710619.047 64.46
LOCATION L0003999     VOLUME   437029.235 3710626.751 64.61
LOCATION L0004000     VOLUME   437022.859 3710634.455 64.76
LOCATION L0004001     VOLUME   437016.483 3710642.159 64.92
LOCATION L0004002     VOLUME   437010.108 3710649.863 65.07
LOCATION L0004003     VOLUME   437003.732 3710657.567 65.22
LOCATION L0004004     VOLUME   436997.356 3710665.271 65.38
LOCATION L0004005     VOLUME   436996.838 3710675.084 65.55
LOCATION L0004006     VOLUME   436996.838 3710685.084 65.73
LOCATION L0004007     VOLUME   436996.838 3710695.084 65.91
LOCATION L0004008     VOLUME   436996.838 3710705.084 66.09
LOCATION L0004009     VOLUME   436996.838 3710715.084 66.26
LOCATION L0004010     VOLUME   436996.838 3710725.084 66.44
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LOCATION L0004016     VOLUME   437033.141 3710749.073 66.31
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LOCATION L0004018     VOLUME   437053.140 3710749.234 66.01
LOCATION L0004019     VOLUME   437063.140 3710749.315 65.86
LOCATION L0004020     VOLUME   437073.139 3710749.395 65.71
LOCATION L0004021     VOLUME   437083.139 3710749.476 65.55
LOCATION L0004022     VOLUME   437093.139 3710749.557 65.40
LOCATION L0004023     VOLUME   437103.138 3710749.637 65.25
LOCATION L0004024     VOLUME   437113.138 3710749.718 65.10
LOCATION L0004025     VOLUME   437123.138 3710749.799 64.95
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LOCATION L0004028     VOLUME   437141.703 3710738.402 64.61
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LOCATION L0004033     VOLUME   437142.189 3710688.404 64.37
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LOCATION L0004037     VOLUME   437142.577 3710648.406 64.17
LOCATION L0004038     VOLUME   437142.674 3710638.407 64.12
LOCATION L0004039     VOLUME   437141.472 3710629.511 64.08
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LOCATION L0004074 VOLUME 437091.490 3710733.252 64.78
LOCATION L0004075 VOLUME 437101.489 3710733.353 64.72
LOCATION L0004076 VOLUME 437111.489 3710733.454 64.66
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LOCATION L0004083 VOLUME 437127.170 3710678.537 64.24
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LOCATION L0004087 VOLUME 437117.770 3710649.205 64.02
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LOCATION L0004089 VOLUME 437113.148 3710633.770 63.89

LOCATION L0004090 VOLUME 437112.878 3710623.773 63.81
LOCATION L0004091 VOLUME 437112.607 3710613.777 63.74
LOCATION L0004092 VOLUME 437109.827 3710606.254 63.70
LOCATION L0004093 VOLUME 437099.836 3710605.838 63.75
LOCATION L0004094 VOLUME 437089.845 3710605.422 63.79
LOCATION L0004095 VOLUME 437081.638 3710608.806 63.85
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LOCATION L0004097 VOLUME 437069.517 3710624.715 64.00
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LOCATION L0004102 VOLUME 437039.215 3710664.487 64.38
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LOCATION L0004104 VOLUME 437028.234 3710680.818 64.52
LOCATION L0004105 VOLUME 437027.647 3710690.800 64.58
LOCATION L0004106 VOLUME 437027.060 3710700.783 64.63
LOCATION L0004107 VOLUME 437026.473 3710710.766 64.69
LOCATION L0004108 VOLUME 437028.346 3710718.429 64.72
LOCATION L0004109 VOLUME 437038.346 3710718.429 64.69
LOCATION L0004110 VOLUME 437048.346 3710718.429 64.66
LOCATION L0004111 VOLUME 437058.346 3710718.429 64.63
LOCATION L0004112 VOLUME 437068.346 3710718.429 64.60
LOCATION L0004113 VOLUME 437078.346 3710718.429 64.57
LOCATION L0004114 VOLUME 437088.346 3710718.429 64.54
LOCATION L0004115 VOLUME 437098.346 3710718.429 64.51
LOCATION L0004116 VOLUME 437106.651 3710716.654 64.47
LOCATION L0004117 VOLUME 437107.105 3710706.665 64.43
LOCATION L0004118 VOLUME 437107.559 3710696.675 64.39
LOCATION L0004119 VOLUME 437108.013 3710686.685 64.34
LOCATION L0004120 VOLUME 437108.467 3710676.696 64.30
LOCATION L0004121 VOLUME 437108.546 3710667.065 64.26
LOCATION L0004122 VOLUME 437098.546 3710667.065 64.30
LOCATION L0004123 VOLUME 437095.068 3710660.716 64.25
LOCATION L0004124 VOLUME 437095.338 3710650.720 64.16
LOCATION L0004125 VOLUME 437095.608 3710640.724 64.07
LOCATION L0004126 VOLUME 437095.879 3710630.727 63.97
LOCATION L0004127 VOLUME 437093.015 3710624.634 63.97
LOCATION L0004128 VOLUME 437084.746 3710629.113 64.10
LOCATION L0004129 VOLUME 437079.118 3710637.379 64.18
LOCATION L0004130 VOLUME 437073.490 3710645.645 64.25
LOCATION L0004131 VOLUME 437067.862 3710653.911 64.32
LOCATION L0004132 VOLUME 437062.235 3710662.177 64.39
LOCATION L0004133 VOLUME 437056.607 3710670.443 64.46
LOCATION L0004134 VOLUME 437050.979 3710678.709 64.53
LOCATION L0004135 VOLUME 437048.310 3710688.134 64.57
LOCATION L0004136 VOLUME 437046.827 3710698.024 64.59
LOCATION L0004137 VOLUME 437049.399 3710704.420 64.60
LOCATION L0004138 VOLUME 437059.399 3710704.420 64.58
LOCATION L0004139 VOLUME 437069.399 3710704.420 64.57

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   LOCATION L0004140     VOLUME   437079.399 3710704.420 64.55
   LOCATION L0004141     VOLUME   437088.087 3710702.926 64.52
   LOCATION L0004142     VOLUME   437089.381 3710693.010 64.49
   LOCATION L0004143     VOLUME   437090.674 3710683.094 64.46
   LOCATION L0004144     VOLUME   437086.999 3710678.120 64.44
   LOCATION L0004145     VOLUME   437082.653 3710673.756 64.38
   LOCATION L0004146     VOLUME   437083.845 3710663.827 64.26
   LOCATION L0004147     VOLUME   437085.036 3710653.898 64.14
   LOCATION L0004148     VOLUME   437082.664 3710654.377 64.14
   LOCATION L0004149     VOLUME   437077.519 3710662.952 64.24
   LOCATION L0004150     VOLUME   437072.374 3710671.527 64.33
   LOCATION L0004151     VOLUME   437067.229 3710680.102 64.43
   LOCATION L0004152     VOLUME   437062.084 3710688.677 64.52
   LOCATION L0004153     VOLUME   437069.020 3710690.412 64.53
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Switchyard
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 17
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** 437117.076, 3710459.274, 63.87, 5.00, 4.65
** 437114.742, 3710441.763, 64.01, 5.00, 4.65
** 437091.394, 3710442.931, 64.95, 5.00, 4.65
** 437091.394, 3710459.274, 64.76, 5.00, 4.65
** 437071.549, 3710459.274, 65.63, 5.00, 4.65
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** 437086.725, 3710538.655, 64.12, 5.00, 4.65
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   LOCATION L0004156     VOLUME   437094.211 3710562.766 64.08
   LOCATION L0004157     VOLUME   437104.210 3710562.605 63.98
   LOCATION L0004158     VOLUME   437114.209 3710562.443 63.87
   LOCATION L0004159     VOLUME   437124.207 3710562.282 63.76
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LOCATION L0004160 VOLUME 437134.206 3710562.121 63.66
LOCATION L0004161 VOLUME 437141.591 3710559.388 63.57
LOCATION L0004162 VOLUME 437141.591 3710549.388 63.55
LOCATION L0004163 VOLUME 437141.591 3710539.388 63.53
LOCATION L0004164 VOLUME 437141.591 3710529.388 63.52
LOCATION L0004165 VOLUME 437141.591 3710519.388 63.50
LOCATION L0004166 VOLUME 437141.591 3710509.388 63.48
LOCATION L0004167 VOLUME 437141.591 3710499.388 63.46
LOCATION L0004168 VOLUME 437141.591 3710489.388 63.44
LOCATION L0004169 VOLUME 437141.591 3710479.388 63.42
LOCATION L0004170 VOLUME 437141.591 3710469.388 63.40
LOCATION L0004171 VOLUME 437139.380 3710461.398 63.42
LOCATION L0004172 VOLUME 437129.425 3710460.450 63.62
LOCATION L0004173 VOLUME 437119.470 3710459.502 63.82
LOCATION L0004174 VOLUME 437116.073 3710451.745 63.93
LOCATION L0004175 VOLUME 437114.751 3710441.833 64.01
LOCATION L0004176 VOLUME 437104.824 3710442.259 64.41
LOCATION L0004177 VOLUME 437094.837 3710442.759 64.81
LOCATION L0004178 VOLUME 437091.394 3710449.484 64.87
LOCATION L0004179 VOLUME 437091.184 3710459.274 64.77
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LOCATION L0004181 VOLUME 437071.554 3710459.639 65.63
LOCATION L0004182 VOLUME 437071.682 3710469.638 65.53
LOCATION L0004183 VOLUME 437071.810 3710479.637 65.43
LOCATION L0004184 VOLUME 437071.938 3710489.636 65.33
LOCATION L0004185 VOLUME 437072.067 3710499.635 65.23
LOCATION L0004186 VOLUME 437072.195 3710509.635 65.13
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LOCATION L0004188 VOLUME 437072.451 3710529.633 64.93
LOCATION L0004189 VOLUME 437072.579 3710539.632 64.84
LOCATION L0004190 VOLUME 437072.708 3710549.631 64.74
LOCATION L0004191 VOLUME 437082.012 3710550.708 64.53
LOCATION L0004192 VOLUME 437092.004 3710551.115 64.31
LOCATION L0004193 VOLUME 437101.995 3710551.523 64.09
LOCATION L0004194 VOLUME 437111.987 3710551.931 63.87
LOCATION L0004195 VOLUME 437121.979 3710552.339 63.65
LOCATION L0004196 VOLUME 437129.949 3710550.609 63.47
LOCATION L0004197 VOLUME 437130.103 3710540.610 63.45
LOCATION L0004198 VOLUME 437130.257 3710530.611 63.42
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LOCATION L0004200 VOLUME 437130.564 3710510.613 63.37
LOCATION L0004201 VOLUME 437130.718 3710500.614 63.35
LOCATION L0004202 VOLUME 437130.872 3710490.616 63.32
LOCATION L0004203 VOLUME 437131.026 3710480.617 63.30
LOCATION L0004204 VOLUME 437124.918 3710476.784 63.50
LOCATION L0004205 VOLUME 437114.918 3710476.784 63.85
LOCATION L0004206 VOLUME 437104.918 3710476.784 64.19
LOCATION L0004207 VOLUME 437094.918 3710476.784 64.54
LOCATION L0004208 VOLUME 437085.570 3710477.424 64.85
LOCATION L0004209 VOLUME 437085.758 3710487.422 64.73

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   LOCATION L0004212     VOLUME   437086.324 3710517.417 64.37
   LOCATION L0004213     VOLUME   437086.513 3710527.415 64.25
   LOCATION L0004214     VOLUME   437086.701 3710537.413 64.13
   LOCATION L0004215     VOLUME   437095.477 3710538.991 63.96
   LOCATION L0004216     VOLUME   437105.470 3710539.375 63.78
   LOCATION L0004217     VOLUME   437115.462 3710539.760 63.60
   LOCATION L0004218     VOLUME   437117.271 3710531.440 63.59
   LOCATION L0004219     VOLUME   437117.504 3710521.442 63.62
   LOCATION L0004220     VOLUME   437117.736 3710511.445 63.64
   LOCATION L0004221     VOLUME   437117.969 3710501.448 63.67
   LOCATION L0004222     VOLUME   437118.201 3710491.450 63.70
   LOCATION L0004223     VOLUME   437110.069 3710489.625 63.91
   LOCATION L0004224     VOLUME   437100.069 3710489.625 64.17
   LOCATION L0004225     VOLUME   437099.566 3710499.122 64.13
   LOCATION L0004226     VOLUME   437099.566 3710509.122 64.08
   LOCATION L0004227     VOLUME   437099.566 3710519.122 64.03
   LOCATION L0004228     VOLUME   437099.566 3710529.122 63.98
** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Oso Creek Stabilization
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 70
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   LOCATION L0004260     VOLUME   437270.940 3710495.434 64.22
   LOCATION L0004261     VOLUME   437273.480 3710485.762 64.34
   LOCATION L0004262     VOLUME   437276.120 3710476.125 64.45
   LOCATION L0004263     VOLUME   437280.060 3710466.933 64.49
   LOCATION L0004264     VOLUME   437283.999 3710457.742 64.52
   LOCATION L0004265     VOLUME   437285.065 3710448.431 64.29
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   LOCATION L0004268     VOLUME   437277.433 3710419.759 62.73
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   LOCATION L0004272     VOLUME   437281.226 3710379.939 63.22
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LOCATION L0004376 VOLUME 437179.199 3710599.809 59.62

LOCATION L0004377 VOLUME 437180.114 3710609.675 59.32
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LOCATION L0004381 VOLUME 437180.685 3710649.641 61.13
LOCATION L0004382 VOLUME 437181.876 3710659.570 61.47
LOCATION L0004383 VOLUME 437183.068 3710669.498 61.81
LOCATION L0004384 VOLUME 437184.259 3710679.427 62.15
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LOCATION L0004389 VOLUME 437195.101 3710728.001 62.17
LOCATION L0004390 VOLUME 437198.171 3710737.518 61.87
LOCATION L0004391 VOLUME 437201.241 3710747.035 61.56
LOCATION L0004392 VOLUME 437204.311 3710756.552 61.26
LOCATION L0004393 VOLUME 437207.381 3710766.069 60.96
LOCATION L0004394 VOLUME 437210.451 3710775.586 60.65
LOCATION L0004395 VOLUME 437219.369 3710771.178 61.27
LOCATION L0004396 VOLUME 437221.422 3710762.927 61.27
LOCATION L0004397 VOLUME 437220.383 3710752.981 60.99
LOCATION L0004398 VOLUME 437219.344 3710743.035 60.71
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LOCATION L0004401 VOLUME 437216.226 3710713.198 59.87
LOCATION L0004402 VOLUME 437215.187 3710703.252 59.59
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LOCATION L0004404 VOLUME 437212.834 3710683.394 59.14
LOCATION L0004405 VOLUME 437211.463 3710673.488 58.99
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LOCATION L0004407 VOLUME 437208.720 3710653.677 58.70
LOCATION L0004408 VOLUME 437207.348 3710643.772 58.55
LOCATION L0004409 VOLUME 437205.977 3710633.866 58.40
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LOCATION L0004411 VOLUME 437202.844 3710614.158 58.20
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LOCATION L0004413 VOLUME 437195.417 3710595.589 59.00
LOCATION L0004414 VOLUME 437192.002 3710586.596 59.37
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LOCATION L0004417 VOLUME 437220.135 3710597.015 56.73
LOCATION L0004418 VOLUME 437224.773 3710591.737 57.20
LOCATION L0004419 VOLUME 437226.989 3710581.986 58.35
LOCATION L0004420 VOLUME 437228.879 3710572.412 59.44
LOCATION L0004421 VOLUME 437219.482 3710568.995 58.04
LOCATION L0004422 VOLUME 437210.084 3710565.577 56.63
LOCATION L0004423 VOLUME 437205.632 3710561.166 55.67
LOCATION L0004424 VOLUME 437212.980 3710554.383 55.76
LOCATION L0004425 VOLUME 437220.657 3710548.059 55.85
LOCATION L0004426 VOLUME 437229.436 3710543.271 55.95

LOCATION L0004427 VOLUME 437233.143 3710534.666 55.88
LOCATION L0004428 VOLUME 437235.312 3710524.904 55.76
LOCATION L0004429 VOLUME 437237.481 3710515.142 55.64
LOCATION L0004430 VOLUME 437239.651 3710505.380 55.52
LOCATION L0004431 VOLUME 437241.820 3710495.618 55.40
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LOCATION L0004433 VOLUME 437247.422 3710476.700 55.40
LOCATION L0004434 VOLUME 437253.669 3710468.891 56.03
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LOCATION L0004441 VOLUME 437227.128 3710434.805 53.66
LOCATION L0004442 VOLUME 437235.435 3710432.154 54.80
LOCATION L0004443 VOLUME 437245.299 3710430.510 56.07
LOCATION L0004444 VOLUME 437255.163 3710428.866 57.35
LOCATION L0004445 VOLUME 437261.560 3710424.525 58.33
LOCATION L0004446 VOLUME 437260.730 3710414.559 58.69
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LOCATION L0004467 VOLUME 437120.996 3710292.253 53.87
LOCATION L0004468 VOLUME 437114.965 3710284.276 54.50
LOCATION L0004469 VOLUME 437108.934 3710276.299 55.12
LOCATION L0004470 VOLUME 437102.903 3710268.323 55.75
LOCATION L0004471 VOLUME 437097.056 3710260.252 56.37
LOCATION L0004472 VOLUME 437094.115 3710250.694 56.96
LOCATION L0004473 VOLUME 437091.174 3710241.136 57.54
LOCATION L0004474 VOLUME 437088.233 3710231.578 58.13
LOCATION L0004475 VOLUME 437085.292 3710222.021 58.71
LOCATION L0004476 VOLUME 437082.352 3710212.463 59.30

LOCATION L0004477 VOLUME 437079.411 3710202.905 59.88
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LOCATION L0004480 VOLUME 437088.276 3710174.839 59.14
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LOCATION L0004483 VOLUME 437101.048 3710147.947 57.70
LOCATION L0004484 VOLUME 437107.048 3710139.947 56.84
LOCATION L0004485 VOLUME 437113.048 3710131.947 55.98
LOCATION L0004486 VOLUME 437119.048 3710123.947 55.12
LOCATION L0004487 VOLUME 437126.951 3710125.763 55.66
LOCATION L0004488 VOLUME 437135.506 3710130.941 56.68
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LOCATION L0004490 VOLUME 437152.616 3710141.297 58.71
LOCATION L0004491 VOLUME 437161.171 3710146.475 59.73
LOCATION L0004492 VOLUME 437162.607 3710153.842 60.63
LOCATION L0004493 VOLUME 437158.440 3710162.933 61.45
LOCATION L0004494 VOLUME 437154.274 3710172.024 62.26
LOCATION L0004495 VOLUME 437147.960 3710174.385 61.78
LOCATION L0004496 VOLUME 437139.298 3710169.387 59.91
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LOCATION L0004503 VOLUME 437123.226 3710195.033 55.36
LOCATION L0004504 VOLUME 437132.041 3710199.756 57.16
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LOCATION L0004506 VOLUME 437138.136 3710215.382 57.77
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LOCATION L0004508 VOLUME 437130.247 3710225.466 56.15
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LOCATION L0004510 VOLUME 437111.678 3710218.038 54.25
LOCATION L0004511 VOLUME 437102.393 3710214.324 53.30
LOCATION L0004512 VOLUME 437105.137 3710223.027 53.39
LOCATION L0004513 VOLUME 437108.554 3710232.425 53.53
LOCATION L0004514 VOLUME 437113.123 3710240.830 53.75
LOCATION L0004515 VOLUME 437121.916 3710245.593 54.27
LOCATION L0004516 VOLUME 437130.709 3710250.355 54.79
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LOCATION L0004520 VOLUME 437148.411 3710281.315 53.52
LOCATION L0004521 VOLUME 437139.078 3710277.725 53.62
LOCATION L0004522 VOLUME 437129.744 3710274.135 53.71
LOCATION L0004523 VOLUME 437120.411 3710270.545 53.80
LOCATION L0004524 VOLUME 437125.029 3710277.101 53.34
LOCATION L0004525 VOLUME 437131.321 3710284.873 52.81
LOCATION L0004526 VOLUME 437137.613 3710292.646 52.28

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   LOCATION L0004527     VOLUME   437146.632 3710295.109 53.00
   LOCATION L0004528     VOLUME   437156.615 3710295.697 54.17
   LOCATION L0004529     VOLUME   437165.302 3710300.078 54.39
   LOCATION L0004530     VOLUME   437173.560 3710305.717 54.29
   LOCATION L0004531     VOLUME   437181.818 3710311.357 54.19
   LOCATION L0004532     VOLUME   437190.076 3710316.996 54.09
   LOCATION L0004533     VOLUME   437198.334 3710322.636 53.99
   LOCATION L0004534     VOLUME   437206.592 3710328.276 53.89
   LOCATION L0004535     VOLUME   437213.941 3710335.051 54.62
   LOCATION L0004536     VOLUME   437221.246 3710341.880 55.39
   LOCATION L0004537     VOLUME   437228.551 3710348.709 56.16
   LOCATION L0004538     VOLUME   437235.856 3710355.538 56.92
   LOCATION L0004539     VOLUME   437243.162 3710362.366 57.69
   LOCATION L0004540     VOLUME   437250.467 3710369.195 58.46
   LOCATION L0004541     VOLUME   437257.772 3710376.024 59.23
** End of LINE VOLUME Source ID = SLINE6
** Source Parameters **
** LINE VOLUME Source ID = SLINE2
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   SRCPARAM L0003911     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003913     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003914     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003915     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003916     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003917     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003918     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003919     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003920     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003921     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003922     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003923     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003924     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003925     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003926     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003927     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003928     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003929     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003930     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003931     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003932     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003933     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003934     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003935     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003936     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003937     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003938     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003939     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003940     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003941     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003942     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003943     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003945     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003946     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003948     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003950     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003951     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003952     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003953     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003954     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003955     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003956     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003957     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003958     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003959     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003960     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003961     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003962     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003964     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003969     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003971     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003975     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003976     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003977     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003978     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003979     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003980     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003981     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003982     0.027027027      5.00      4.65      4.65
   SRCPARAM L0003983     0.027027027      5.00      4.65      4.65
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   SRCPARAM L0003984     0.0058823529      5.00      4.65      4.65
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   SRCPARAM L0003986     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0003987     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0003988     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003989     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003990     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003991     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003992     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003993     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003994     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003995     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003996     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003997     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003998     0.0058823529      5.00      4.65      4.65
SRCPARAM L0003999     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004000     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004017     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004034     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004035     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004037     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004039     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004041     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004042     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004043     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004044     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004048     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004049     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004050     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004051     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004052     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004053     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004054     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004056     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004057     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004058     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004059     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004060     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004061     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004062     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004063     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004064     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004065     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004066     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004067     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004068     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004069     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004070     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004071     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004072     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004073     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004074     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004075     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004076     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004077     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004078     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004079     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004080     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004081     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004082     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004083     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004084     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004085     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004086     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004087     0.0058823529      5.00      4.65      4.65
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SRCPARAM L0004088     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004089     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004090     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004091     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004092     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004093     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004094     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004095     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004096     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004097     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004098     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004099     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004100     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004101     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004102     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004103     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004104     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004105     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004106     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004107     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004108     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004109     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004110     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004111     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004112     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004113     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004114     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004115     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004116     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004117     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004118     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004119     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004120     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004121     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004122     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004123     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004124     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004125     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004126     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004127     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004128     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004129     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004130     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004131     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004132     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004133     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004134     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004135     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004136     0.0058823529      5.00      4.65      4.65
SRCPARAM L0004137     0.0058823529      5.00      4.65      4.65
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   SRCPARAM L0004138     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004139     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004140     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004141     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004142     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004143     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004144     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004145     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004146     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004147     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004148     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004149     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004150     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004151     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004152     0.0058823529      5.00      4.65      4.65
   SRCPARAM L0004153     0.0058823529      5.00      4.65      4.65
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   SRCPARAM L0004154     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004155     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004156     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004157     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004158     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004159     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004160     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004161     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004162     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004163     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004164     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004165     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004166     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004167     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004168     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004169     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004170     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004171     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004172     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004173     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004174     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004175     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004176     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004177     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004178     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004179     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004180     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004181     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004182     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004183     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004184     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004185     0.0133333333      5.00      4.65      4.65
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   SRCPARAM L0004186     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004187     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004188     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004189     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004190     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004191     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004192     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004193     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004194     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004195     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004196     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004197     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004198     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004199     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004200     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004201     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004202     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004203     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004204     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004205     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004206     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004207     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004208     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004209     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004210     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004211     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004212     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004213     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004214     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004215     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004216     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004217     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004218     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004219     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004220     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004221     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004222     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004223     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004224     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004225     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004226     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004227     0.0133333333      5.00      4.65      4.65
   SRCPARAM L0004228     0.0133333333      5.00      4.65      4.65
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** LINE VOLUME Source ID = SLINE6
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   SRCPARAM L0004230     0.0031948882      5.00      4.65      4.65
   SRCPARAM L0004231     0.0031948882      5.00      4.65      4.65
   SRCPARAM L0004232     0.0031948882      5.00      4.65      4.65
   SRCPARAM L0004233     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004234     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004235     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004236     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004238     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004239     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004240     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004242     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004243     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004244     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004245     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004246     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004247     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004250     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004251     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004252     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004253     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004254     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004255     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004256     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004257     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004258     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004260     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004261     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004263     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004264     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004280     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004281     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004282     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004283     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004289     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004291     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004297     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004298     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004299     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004300     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004301     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004302     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004303     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004304     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004306     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004307     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004309     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004310     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004311     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004312     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004313     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004314     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004315     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004316     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004317     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004318     0.0031948882      5.00      4.65      4.65
SRCPARAM L0004319     0.0031948882      5.00      4.65      4.65
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SRCPARAM L0004330     0.0031948882      5.00      4.65      4.65
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SRCGROUP SLINE6   L0004319 L0004320 L0004321 L0004322 L0004323 L0004324
SRCGROUP SLINE6   L0004325 L0004326 L0004327 L0004328 L0004329 L0004330
SRCGROUP SLINE6   L0004331 L0004332 L0004333 L0004334 L0004335 L0004336
SRCGROUP SLINE6   L0004337 L0004338 L0004339 L0004340 L0004341 L0004342
SRCGROUP SLINE6   L0004343 L0004344 L0004345 L0004346 L0004347 L0004348
SRCGROUP SLINE6   L0004349 L0004350 L0004351 L0004352 L0004353 L0004354
SRCGROUP SLINE6   L0004355 L0004356 L0004357 L0004358 L0004359 L0004360
SRCGROUP SLINE6   L0004361 L0004362 L0004363 L0004364 L0004365 L0004366
SRCGROUP SLINE6   L0004367 L0004368 L0004369 L0004370 L0004371 L0004372
SRCGROUP SLINE6   L0004373 L0004374 L0004375 L0004376 L0004377 L0004378
SRCGROUP SLINE6   L0004379 L0004380 L0004381 L0004382 L0004383 L0004384
SRCGROUP SLINE6   L0004385 L0004386 L0004387 L0004388 L0004389 L0004390
SRCGROUP SLINE6   L0004391 L0004392 L0004393 L0004394 L0004395 L0004396
SRCGROUP SLINE6   L0004397 L0004398 L0004399 L0004400 L0004401 L0004402
SRCGROUP SLINE6   L0004403 L0004404 L0004405 L0004406 L0004407 L0004408
SRCGROUP SLINE6   L0004409 L0004410 L0004411 L0004412 L0004413 L0004414
SRCGROUP SLINE6   L0004415 L0004416 L0004417 L0004418 L0004419 L0004420
SRCGROUP SLINE6   L0004421 L0004422 L0004423 L0004424 L0004425 L0004426
SRCGROUP SLINE6   L0004427 L0004428 L0004429 L0004430 L0004431 L0004432
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   SRCGROUP SLINE6   L0004433 L0004434 L0004435 L0004436 L0004437 L0004438
   SRCGROUP SLINE6   L0004439 L0004440 L0004441 L0004442 L0004443 L0004444
   SRCGROUP SLINE6   L0004445 L0004446 L0004447 L0004448 L0004449 L0004450
   SRCGROUP SLINE6   L0004451 L0004452 L0004453 L0004454 L0004455 L0004456
   SRCGROUP SLINE6   L0004457 L0004458 L0004459 L0004460 L0004461 L0004462
   SRCGROUP SLINE6   L0004463 L0004464 L0004465 L0004466 L0004467 L0004468
   SRCGROUP SLINE6   L0004469 L0004470 L0004471 L0004472 L0004473 L0004474
   SRCGROUP SLINE6   L0004475 L0004476 L0004477 L0004478 L0004479 L0004480
   SRCGROUP SLINE6   L0004481 L0004482 L0004483 L0004484 L0004485 L0004486
   SRCGROUP SLINE6   L0004487 L0004488 L0004489 L0004490 L0004491 L0004492
   SRCGROUP SLINE6   L0004493 L0004494 L0004495 L0004496 L0004497 L0004498
   SRCGROUP SLINE6   L0004499 L0004500 L0004501 L0004502 L0004503 L0004504
   SRCGROUP SLINE6   L0004505 L0004506 L0004507 L0004508 L0004509 L0004510
   SRCGROUP SLINE6   L0004511 L0004512 L0004513 L0004514 L0004515 L0004516
   SRCGROUP SLINE6   L0004517 L0004518 L0004519 L0004520 L0004521 L0004522
   SRCGROUP SLINE6   L0004523 L0004524 L0004525 L0004526 L0004527 L0004528
   SRCGROUP SLINE6   L0004529 L0004530 L0004531 L0004532 L0004533 L0004534
   SRCGROUP SLINE6   L0004535 L0004536 L0004537 L0004538 L0004539 L0004540
   SRCGROUP SLINE6   L0004541
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Compass.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE E:\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
   PROFFILE E:\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 8TH
   RECTABLE 1 1ST 8TH
   POSTFILE 1 SLINE2 PLOT Compass.AD\01_GSLINE2.POS 31
   POSTFILE 1 SLINE3 PLOT Compass.AD\01_GSLINE3.POS 32
   POSTFILE 1 SLINE4 PLOT Compass.AD\01_GSLINE4.POS 33
   POSTFILE 1 SLINE5 PLOT Compass.AD\01_GSLINE5.POS 34
   POSTFILE 1 SLINE6 PLOT Compass.AD\01_GSLINE6.POS 35
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST Compass.AD\01H1GALL.PLT 36
   PLOTFILE 1 SLINE2 1ST Compass.AD\01H1G001.PLT 37
   PLOTFILE 1 SLINE3 1ST Compass.AD\01H1G002.PLT 38
   PLOTFILE 1 SLINE4 1ST Compass.AD\01H1G003.PLT 39
   PLOTFILE 1 SLINE5 1ST Compass.AD\01H1G004.PLT 40
   PLOTFILE 1 SLINE6 1ST Compass.AD\01H1G005.PLT 41
   PLOTFILE 1 ALL 8TH Compass.AD\01H8GALL.PLT 42
   PLOTFILE 1 SLINE2 8TH Compass.AD\01H8G001.PLT 43
   PLOTFILE 1 SLINE3 8TH Compass.AD\01H8G002.PLT 44
   PLOTFILE 1 SLINE4 8TH Compass.AD\01H8G003.PLT 45
   PLOTFILE 1 SLINE5 8TH Compass.AD\01H8G004.PLT 46
   PLOTFILE 1 SLINE6 8TH Compass.AD\01H8G005.PLT 47
   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    1643       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1643       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   ***        11/21/25
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          ***   MODEL SETUP OPTIONS SUMMARY
***
- - - -

 **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 Concurrent Values for Postprocessing
(POSTFILE 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 =   8.2 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   ***   11/21/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   07:59:17

                                  PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE   AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0003910	0	0.27027E-01	436987.1	3710760.8	67.5	5.00	4.65	4.65	YES	NO
L0003911	0	0.27027E-01	436979.4	3710754.4	68.6	5.00	4.65	4.65	YES	NO
L0003912	0	0.27027E-01	436971.7	3710748.1	69.8	5.00	4.65	4.65	YES	NO
L0003913	0	0.27027E-01	436972.0	3710738.4	69.6	5.00	4.65	4.65	YES	NO
L0003914	0	0.27027E-01	436972.8	3710728.4	69.3	5.00	4.65	4.65	YES	NO
L0003915	0	0.27027E-01	436973.7	3710718.4	69.0	5.00	4.65	4.65	YES	NO
L0003916	0	0.27027E-01	436974.6	3710708.5	68.8	5.00	4.65	4.65	YES	NO
L0003917	0	0.27027E-01	436975.5	3710698.5	68.5	5.00	4.65	4.65	YES	NO
L0003918	0	0.27027E-01	436976.3	3710688.5	68.2	5.00	4.65	4.65	YES	NO
L0003919	0	0.27027E-01	436977.2	3710678.6	67.9	5.00	4.65	4.65	YES	NO
L0003920	0	0.27027E-01	436978.1	3710668.6	67.6	5.00	4.65	4.65	YES	NO
L0003921	0	0.27027E-01	436978.9	3710658.7	67.3	5.00	4.65	4.65	YES	NO
L0003922	0	0.27027E-01	436983.1	3710650.1	67.1	5.00	4.65	4.65	YES	NO
L0003923	0	0.27027E-01	436989.8	3710642.7	66.9	5.00	4.65	4.65	YES	NO
L0003924	0	0.27027E-01	436996.5	3710635.3	66.7	5.00	4.65	4.65	YES	NO
L0003925	0	0.27027E-01	437003.2	3710627.9	66.5	5.00	4.65	4.65	YES	NO
L0003926	0	0.27027E-01	437010.0	3710620.5	66.2	5.00	4.65	4.65	YES	NO
L0003927	0	0.27027E-01	437016.7	3710613.1	66.0	5.00	4.65	4.65	YES	NO
L0003928	0	0.27027E-01	437023.4	3710605.7	65.8	5.00	4.65	4.65	YES	NO
L0003929	0	0.27027E-01	437030.1	3710598.3	65.6	5.00	4.65	4.65	YES	NO
L0003930	0	0.27027E-01	437036.9	3710590.9	65.4	5.00	4.65	4.65	YES	NO
L0003931	0	0.27027E-01	437037.4	3710581.2	65.7	5.00	4.65	4.65	YES	NO
L0003932	0	0.27027E-01	437037.1	3710571.3	66.0	5.00	4.65			

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4.65     YES                    NO
 L0003933         0   0.27027E-01  437036.8 3710561.3    66.3     5.00     4.65
4.65     YES                    NO
 L0003934         0   0.27027E-01  437036.5 3710551.3    66.7     5.00     4.65
4.65     YES                    NO
 L0003935         0   0.27027E-01  437036.2 3710541.3    67.0     5.00     4.65
4.65     YES                    NO
 L0003936         0   0.27027E-01  437035.9 3710531.3    67.3     5.00     4.65
4.65     YES                    NO
 L0003937         0   0.27027E-01  437035.5 3710521.3    67.7     5.00     4.65
4.65     YES                    NO
 L0003938         0   0.27027E-01  437035.7 3710511.3    67.9     5.00     4.65
4.65     YES                    NO
 L0003939         0   0.27027E-01  437036.6 3710501.3    68.0     5.00     4.65
4.65     YES                    NO
 L0003940         0   0.27027E-01  437037.4 3710491.4    68.1     5.00     4.65
4.65     YES                    NO
 L0003941         0   0.27027E-01  437038.3 3710481.4    68.1     5.00     4.65
4.65     YES                    NO
 L0003942         0   0.27027E-01  437040.2 3710471.8    68.1     5.00     4.65
4.65     YES                    NO
 L0003943         0   0.27027E-01  437044.8 3710462.9    67.8     5.00     4.65
4.65     YES                    NO
 L0003944         0   0.27027E-01  437049.4 3710454.0    67.4     5.00     4.65
4.65     YES                    NO
 L0003945         0   0.27027E-01  437054.0 3710445.1    67.1     5.00     4.65
4.65     YES                    NO
 L0003946         0   0.27027E-01  437058.5 3710436.2    66.8     5.00     4.65
4.65     YES                    NO
 L0003947         0   0.27027E-01  437160.4 3710743.8    64.5     5.00     4.65
4.65     YES                    NO
 L0003948         0   0.27027E-01  437160.6 3710733.8    64.5     5.00     4.65
4.65     YES                    NO
 L0003949         0   0.27027E-01  437160.8 3710723.8    64.4     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0003950	0	0.27027E-01	437161.0	3710713.8	64.4	5.00	4.65	4.65	YES	NO
L0003951	0	0.27027E-01	437161.2	3710703.8	64.3	5.00	4.65	4.65	YES	NO
L0003952	0	0.27027E-01	437161.3	3710693.8	64.2	5.00	4.65	4.65	YES	NO
L0003953	0	0.27027E-01	437161.5	3710683.8	64.2	5.00	4.65	4.65	YES	NO
L0003954	0	0.27027E-01	437161.7	3710673.8	64.1	5.00	4.65	4.65	YES	NO
L0003955	0	0.27027E-01	437161.9	3710663.8	64.1	5.00	4.65	4.65	YES	NO
L0003956	0	0.27027E-01	437162.1	3710653.8	64.0	5.00	4.65	4.65	YES	NO
L0003957	0	0.27027E-01	437162.3	3710643.8	64.0	5.00	4.65	4.65	YES	NO
L0003958	0	0.27027E-01	437162.5	3710633.8	63.9	5.00	4.65	4.65	YES	NO
L0003959	0	0.27027E-01	437159.8	3710624.5	63.7	5.00	4.65	4.65	YES	NO
L0003960	0	0.27027E-01	437155.6	3710615.6	63.5	5.00	4.65	4.65	YES	NO
L0003961	0	0.27027E-01	437155.9	3710605.6	63.5	5.00	4.65	4.65	YES	NO
L0003962	0	0.27027E-01	437156.2	3710595.6	63.5	5.00	4.65	4.65	YES	NO
L0003963	0	0.27027E-01	437156.5	3710585.6	63.5	5.00	4.65	4.65	YES	NO
L0003964	0	0.27027E-01	437156.8	3710575.6	63.5	5.00	4.65	4.65	YES	NO
L0003965	0	0.27027E-01	437157.1	3710565.6	63.4	5.00	4.65	4.65	YES	NO
L0003966	0	0.27027E-01	437157.3	3710555.6	63.4	5.00	4.65	4.65	YES	NO
L0003967	0	0.27027E-01	437157.6	3710545.6	63.4	5.00	4.65	4.65	YES	NO
L0003968	0	0.27027E-01	437157.9	3710535.6	63.4	5.00	4.65	4.65	YES	NO
L0003969	0	0.27027E-01	437158.2	3710525.6	63.4	5.00	4.65	4.65	YES	NO
L0003970	0	0.27027E-01	437158.5	3710515.6	63.3	5.00	4.65	4.65	YES	NO
L0003971	0	0.27027E-01	437158.8	3710505.6	63.3	5.00	4.65	4.65	YES	NO
L0003972	0	0.27027E-01	437159.1	3710495.6	63.3	5.00	4.65			

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4.65     YES                    NO
 L0003973         0   0.27027E-01  437159.3 3710485.6    63.3     5.00     4.65
4.65     YES                    NO
 L0003974         0   0.27027E-01  437159.6 3710475.6    63.3     5.00     4.65
4.65     YES                    NO
 L0003975         0   0.27027E-01  437159.9 3710465.7    63.3     5.00     4.65
4.65     YES                    NO
 L0003976         0   0.27027E-01  437160.2 3710455.7    63.2     5.00     4.65
4.65     YES                    NO
 L0003977         0   0.27027E-01  437157.0 3710446.4    63.2     5.00     4.65
4.65     YES                    NO
 L0003978         0   0.27027E-01  437154.6 3710436.9    63.1     5.00     4.65
4.65     YES                    NO
 L0003979         0   0.27027E-01  437155.2 3710426.9    63.1     5.00     4.65
4.65     YES                    NO
 L0003980         0   0.27027E-01  437154.7 3710417.3    63.0     5.00     4.65
4.65     YES                    NO
 L0003981         0   0.27027E-01  437148.6 3710409.3    63.1     5.00     4.65
4.65     YES                    NO
 L0003982         0   0.27027E-01  437141.6 3710403.2    63.1     5.00     4.65
4.65     YES                    NO
 L0003983         0   0.27027E-01  437131.6 3710403.2    63.4     5.00     4.65
4.65     YES                    NO
 L0003984         0   0.58824E-02  437055.1 3710485.3    66.3     5.00     4.65
4.65     YES                    NO
 L0003985         0   0.58824E-02  437054.9 3710495.3    66.1     5.00     4.65
4.65     YES                    NO
 L0003986         0   0.58824E-02  437054.7 3710505.3    65.9     5.00     4.65
4.65     YES                    NO
 L0003987         0   0.58824E-02  437054.5 3710515.3    65.7     5.00     4.65
4.65     YES                    NO
 L0003988         0   0.58824E-02  437054.3 3710525.3    65.5     5.00     4.65
4.65     YES                    NO
 L0003989         0   0.58824E-02  437054.1 3710535.3    65.3     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0003990	0	0.58824E-02	437053.9	3710545.3	65.1	5.00	4.65	4.65	YES	NO
L0003991	0	0.58824E-02	437053.7	3710555.3	64.9	5.00	4.65	4.65	YES	NO
L0003992	0	0.58824E-02	437053.5	3710565.3	64.7	5.00	4.65	4.65	YES	NO
L0003993	0	0.58824E-02	437053.3	3710575.3	64.5	5.00	4.65	4.65	YES	NO
L0003994	0	0.58824E-02	437053.1	3710585.3	64.3	5.00	4.65	4.65	YES	NO
L0003995	0	0.58824E-02	437052.9	3710595.3	64.1	5.00	4.65	4.65	YES	NO
L0003996	0	0.58824E-02	437048.4	3710603.6	64.1	5.00	4.65	4.65	YES	NO
L0003997	0	0.58824E-02	437042.0	3710611.3	64.3	5.00	4.65	4.65	YES	NO
L0003998	0	0.58824E-02	437035.6	3710619.0	64.5	5.00	4.65	4.65	YES	NO
L0003999	0	0.58824E-02	437029.2	3710626.8	64.6	5.00	4.65	4.65	YES	NO
L0004000	0	0.58824E-02	437022.9	3710634.5	64.8	5.00	4.65	4.65	YES	NO
L0004001	0	0.58824E-02	437016.5	3710642.2	64.9	5.00	4.65	4.65	YES	NO
L0004002	0	0.58824E-02	437010.1	3710649.9	65.1	5.00	4.65	4.65	YES	NO
L0004003	0	0.58824E-02	437003.7	3710657.6	65.2	5.00	4.65	4.65	YES	NO
L0004004	0	0.58824E-02	436997.4	3710665.3	65.4	5.00	4.65	4.65	YES	NO
L0004005	0	0.58824E-02	436996.8	3710675.1	65.5	5.00	4.65	4.65	YES	NO
L0004006	0	0.58824E-02	436996.8	3710685.1	65.7	5.00	4.65	4.65	YES	NO
L0004007	0	0.58824E-02	436996.8	3710695.1	65.9	5.00	4.65	4.65	YES	NO
L0004008	0	0.58824E-02	436996.8	3710705.1	66.1	5.00	4.65	4.65	YES	NO
L0004009	0	0.58824E-02	436996.8	3710715.1	66.3	5.00	4.65	4.65	YES	NO
L0004010	0	0.58824E-02	436996.8	3710725.1	66.4	5.00	4.65	4.65	YES	NO
L0004011	0	0.58824E-02	436996.8	3710735.1	66.6	5.00	4.65	4.65	YES	NO
L0004012	0	0.58824E-02	436996.8	3710745.1	66.8	5.00	4.65			

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4.65     YES                    NO
 L0004013         0   0.58824E-02  437003.1 3710748.8    66.8     5.00     4.65
4.65     YES                    NO
 L0004014         0   0.58824E-02  437013.1 3710748.9    66.6     5.00     4.65
4.65     YES                    NO
 L0004015         0   0.58824E-02  437023.1 3710749.0    66.5     5.00     4.65
4.65     YES                    NO
 L0004016         0   0.58824E-02  437033.1 3710749.1    66.3     5.00     4.65
4.65     YES                    NO
 L0004017         0   0.58824E-02  437043.1 3710749.2    66.2     5.00     4.65
4.65     YES                    NO
 L0004018         0   0.58824E-02  437053.1 3710749.2    66.0     5.00     4.65
4.65     YES                    NO
 L0004019         0   0.58824E-02  437063.1 3710749.3    65.9     5.00     4.65
4.65     YES                    NO
 L0004020         0   0.58824E-02  437073.1 3710749.4    65.7     5.00     4.65
4.65     YES                    NO
 L0004021         0   0.58824E-02  437083.1 3710749.5    65.5     5.00     4.65
4.65     YES                    NO
 L0004022         0   0.58824E-02  437093.1 3710749.6    65.4     5.00     4.65
4.65     YES                    NO
 L0004023         0   0.58824E-02  437103.1 3710749.6    65.2     5.00     4.65
4.65     YES                    NO
 L0004024         0   0.58824E-02  437113.1 3710749.7    65.1     5.00     4.65
4.65     YES                    NO
 L0004025         0   0.58824E-02  437123.1 3710749.8    65.0     5.00     4.65
4.65     YES                    NO
 L0004026         0   0.58824E-02  437133.1 3710749.9    64.8     5.00     4.65
4.65     YES                    NO
 L0004027         0   0.58824E-02  437141.6 3710748.4    64.7     5.00     4.65
4.65     YES                    NO
 L0004028         0   0.58824E-02  437141.7 3710738.4    64.6     5.00     4.65
4.65     YES                    NO
 L0004029         0   0.58824E-02  437141.8 3710728.4    64.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004030	0	0.58824E-02	437141.9	3710718.4	64.5	5.00	4.65	4.65	YES	NO
L0004031	0	0.58824E-02	437142.0	3710708.4	64.5	5.00	4.65	4.65	YES	NO
L0004032	0	0.58824E-02	437142.1	3710698.4	64.4	5.00	4.65	4.65	YES	NO
L0004033	0	0.58824E-02	437142.2	3710688.4	64.4	5.00	4.65	4.65	YES	NO
L0004034	0	0.58824E-02	437142.3	3710678.4	64.3	5.00	4.65	4.65	YES	NO
L0004035	0	0.58824E-02	437142.4	3710668.4	64.3	5.00	4.65	4.65	YES	NO
L0004036	0	0.58824E-02	437142.5	3710658.4	64.2	5.00	4.65	4.65	YES	NO
L0004037	0	0.58824E-02	437142.6	3710648.4	64.2	5.00	4.65	4.65	YES	NO
L0004038	0	0.58824E-02	437142.7	3710638.4	64.1	5.00	4.65	4.65	YES	NO
L0004039	0	0.58824E-02	437141.5	3710629.5	64.1	5.00	4.65	4.65	YES	NO
L0004040	0	0.58824E-02	437131.6	3710628.0	64.1	5.00	4.65	4.65	YES	NO
L0004041	0	0.58824E-02	437127.6	3710621.4	64.0	5.00	4.65	4.65	YES	NO
L0004042	0	0.58824E-02	437127.6	3710611.4	63.9	5.00	4.65	4.65	YES	NO
L0004043	0	0.58824E-02	437127.6	3710601.4	63.8	5.00	4.65	4.65	YES	NO
L0004044	0	0.58824E-02	437127.6	3710591.4	63.7	5.00	4.65	4.65	YES	NO
L0004045	0	0.58824E-02	437121.3	3710587.5	63.7	5.00	4.65	4.65	YES	NO
L0004046	0	0.58824E-02	437111.3	3710587.3	63.7	5.00	4.65	4.65	YES	NO
L0004047	0	0.58824E-02	437101.3	3710587.0	63.8	5.00	4.65	4.65	YES	NO
L0004048	0	0.58824E-02	437091.3	3710586.7	63.8	5.00	4.65	4.65	YES	NO
L0004049	0	0.58824E-02	437082.0	3710588.0	63.8	5.00	4.65	4.65	YES	NO
L0004050	0	0.58824E-02	437075.7	3710595.7	63.9	5.00	4.65	4.65	YES	NO
L0004051	0	0.58824E-02	437069.4	3710603.5	64.0	5.00	4.65	4.65	YES	NO
L0004052	0	0.58824E-02	437063.1	3710611.3	64.1	5.00	4.65			

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4.65     YES                    NO
 L0004053         0   0.58824E-02  437056.8 3710619.0    64.2     5.00     4.65
4.65     YES                    NO
 L0004054         0   0.58824E-02  437050.5 3710626.8    64.3     5.00     4.65
4.65     YES                    NO
 L0004055         0   0.58824E-02  437044.2 3710634.5    64.5     5.00     4.65
4.65     YES                    NO
 L0004056         0   0.58824E-02  437037.9 3710642.3    64.6     5.00     4.65
4.65     YES                    NO
 L0004057         0   0.58824E-02  437031.6 3710650.0    64.7     5.00     4.65
4.65     YES                    NO
 L0004058         0   0.58824E-02  437025.2 3710657.8    64.8     5.00     4.65
4.65     YES                    NO
 L0004059         0   0.58824E-02  437018.9 3710665.6    64.9     5.00     4.65
4.65     YES                    NO
 L0004060         0   0.58824E-02  437012.6 3710673.3    65.0     5.00     4.65
4.65     YES                    NO
 L0004061         0   0.58824E-02  437011.8 3710683.1    65.0     5.00     4.65
4.65     YES                    NO
 L0004062         0   0.58824E-02  437011.6 3710693.1    65.1     5.00     4.65
4.65     YES                    NO
 L0004063         0   0.58824E-02  437011.4 3710703.1    65.1     5.00     4.65
4.65     YES                    NO
 L0004064         0   0.58824E-02  437011.2 3710713.1    65.2     5.00     4.65
4.65     YES                    NO
 L0004065         0   0.58824E-02  437011.0 3710723.1    65.2     5.00     4.65
4.65     YES                    NO
 L0004066         0   0.58824E-02  437011.5 3710732.4    65.3     5.00     4.65
4.65     YES                    NO
 L0004067         0   0.58824E-02  437021.5 3710732.5    65.2     5.00     4.65
4.65     YES                    NO
 L0004068         0   0.58824E-02  437031.5 3710732.6    65.1     5.00     4.65
4.65     YES                    NO
 L0004069         0   0.58824E-02  437041.5 3710732.7    65.1     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004070	0	0.58824E-02	437051.5	3710732.8	65.0	5.00	4.65	4.65	YES	NO
L0004071	0	0.58824E-02	437061.5	3710732.9	65.0	5.00	4.65	4.65	YES	NO
L0004072	0	0.58824E-02	437071.5	3710733.0	64.9	5.00	4.65	4.65	YES	NO
L0004073	0	0.58824E-02	437081.5	3710733.2	64.8	5.00	4.65	4.65	YES	NO
L0004074	0	0.58824E-02	437091.5	3710733.3	64.8	5.00	4.65	4.65	YES	NO
L0004075	0	0.58824E-02	437101.5	3710733.4	64.7	5.00	4.65	4.65	YES	NO
L0004076	0	0.58824E-02	437111.5	3710733.5	64.7	5.00	4.65	4.65	YES	NO
L0004077	0	0.58824E-02	437121.5	3710733.6	64.6	5.00	4.65	4.65	YES	NO
L0004078	0	0.58824E-02	437126.5	3710728.5	64.5	5.00	4.65	4.65	YES	NO
L0004079	0	0.58824E-02	437126.6	3710718.5	64.5	5.00	4.65	4.65	YES	NO
L0004080	0	0.58824E-02	437126.8	3710708.5	64.4	5.00	4.65	4.65	YES	NO
L0004081	0	0.58824E-02	437126.9	3710698.5	64.4	5.00	4.65	4.65	YES	NO
L0004082	0	0.58824E-02	437127.0	3710688.5	64.3	5.00	4.65	4.65	YES	NO
L0004083	0	0.58824E-02	437127.2	3710678.5	64.2	5.00	4.65	4.65	YES	NO
L0004084	0	0.58824E-02	437127.3	3710668.5	64.2	5.00	4.65	4.65	YES	NO
L0004085	0	0.58824E-02	437127.4	3710658.5	64.1	5.00	4.65	4.65	YES	NO
L0004086	0	0.58824E-02	437127.6	3710648.5	64.1	5.00	4.65	4.65	YES	NO
L0004087	0	0.58824E-02	437117.8	3710649.2	64.0	5.00	4.65	4.65	YES	NO
L0004088	0	0.58824E-02	437113.4	3710643.8	64.0	5.00	4.65	4.65	YES	NO
L0004089	0	0.58824E-02	437113.1	3710633.8	63.9	5.00	4.65	4.65	YES	NO
L0004090	0	0.58824E-02	437112.9	3710623.8	63.8	5.00	4.65	4.65	YES	NO
L0004091	0	0.58824E-02	437112.6	3710613.8	63.7	5.00	4.65	4.65	YES	NO
L0004092	0	0.58824E-02	437109.8	3710606.3	63.7	5.00	4.65			

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4.65     YES                    NO
 L0004093         0   0.58824E-02  437099.8 3710605.8    63.8     5.00     4.65
4.65     YES                    NO
 L0004094         0   0.58824E-02  437089.8 3710605.4    63.8     5.00     4.65
4.65     YES                    NO
 L0004095         0   0.58824E-02  437081.6 3710608.8    63.8     5.00     4.65
4.65     YES                    NO
 L0004096         0   0.58824E-02  437075.6 3710616.8    63.9     5.00     4.65
4.65     YES                    NO
 L0004097         0   0.58824E-02  437069.5 3710624.7    64.0     5.00     4.65
4.65     YES                    NO
 L0004098         0   0.58824E-02  437063.5 3710632.7    64.1     5.00     4.65
4.65     YES                    NO
 L0004099         0   0.58824E-02  437057.4 3710640.6    64.1     5.00     4.65
4.65     YES                    NO
 L0004100         0   0.58824E-02  437051.3 3710648.6    64.2     5.00     4.65
4.65     YES                    NO
 L0004101         0   0.58824E-02  437045.3 3710656.5    64.3     5.00     4.65
4.65     YES                    NO
 L0004102         0   0.58824E-02  437039.2 3710664.5    64.4     5.00     4.65
4.65     YES                    NO
 L0004103         0   0.58824E-02  437033.2 3710672.4    64.5     5.00     4.65
4.65     YES                    NO
 L0004104         0   0.58824E-02  437028.2 3710680.8    64.5     5.00     4.65
4.65     YES                    NO
 L0004105         0   0.58824E-02  437027.6 3710690.8    64.6     5.00     4.65
4.65     YES                    NO
 L0004106         0   0.58824E-02  437027.1 3710700.8    64.6     5.00     4.65
4.65     YES                    NO
 L0004107         0   0.58824E-02  437026.5 3710710.8    64.7     5.00     4.65
4.65     YES                    NO
 L0004108         0   0.58824E-02  437028.3 3710718.4    64.7     5.00     4.65
4.65     YES                    NO
 L0004109         0   0.58824E-02  437038.3 3710718.4    64.7     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004110	0	0.58824E-02	437048.3	3710718.4	64.7	5.00	4.65	4.65	YES	NO
L0004111	0	0.58824E-02	437058.3	3710718.4	64.6	5.00	4.65	4.65	YES	NO
L0004112	0	0.58824E-02	437068.3	3710718.4	64.6	5.00	4.65	4.65	YES	NO
L0004113	0	0.58824E-02	437078.3	3710718.4	64.6	5.00	4.65	4.65	YES	NO
L0004114	0	0.58824E-02	437088.3	3710718.4	64.5	5.00	4.65	4.65	YES	NO
L0004115	0	0.58824E-02	437098.3	3710718.4	64.5	5.00	4.65	4.65	YES	NO
L0004116	0	0.58824E-02	437106.7	3710716.7	64.5	5.00	4.65	4.65	YES	NO
L0004117	0	0.58824E-02	437107.1	3710706.7	64.4	5.00	4.65	4.65	YES	NO
L0004118	0	0.58824E-02	437107.6	3710696.7	64.4	5.00	4.65	4.65	YES	NO
L0004119	0	0.58824E-02	437108.0	3710686.7	64.3	5.00	4.65	4.65	YES	NO
L0004120	0	0.58824E-02	437108.5	3710676.7	64.3	5.00	4.65	4.65	YES	NO
L0004121	0	0.58824E-02	437108.5	3710667.1	64.3	5.00	4.65	4.65	YES	NO
L0004122	0	0.58824E-02	437098.5	3710667.1	64.3	5.00	4.65	4.65	YES	NO
L0004123	0	0.58824E-02	437095.1	3710660.7	64.2	5.00	4.65	4.65	YES	NO
L0004124	0	0.58824E-02	437095.3	3710650.7	64.2	5.00	4.65	4.65	YES	NO
L0004125	0	0.58824E-02	437095.6	3710640.7	64.1	5.00	4.65	4.65	YES	NO
L0004126	0	0.58824E-02	437095.9	3710630.7	64.0	5.00	4.65	4.65	YES	NO
L0004127	0	0.58824E-02	437093.0	3710624.6	64.0	5.00	4.65	4.65	YES	NO
L0004128	0	0.58824E-02	437084.7	3710629.1	64.1	5.00	4.65	4.65	YES	NO
L0004129	0	0.58824E-02	437079.1	3710637.4	64.2	5.00	4.65	4.65	YES	NO
L0004130	0	0.58824E-02	437073.5	3710645.6	64.2	5.00	4.65	4.65	YES	NO
L0004131	0	0.58824E-02	437067.9	3710653.9	64.3	5.00	4.65	4.65	YES	NO
L0004132	0	0.58824E-02	437062.2	3710662.2	64.4	5.00	4.65			

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4.65     YES                    NO
 L0004133         0   0.58824E-02  437056.6 3710670.4    64.5     5.00     4.65
4.65     YES                    NO
 L0004134         0   0.58824E-02  437051.0 3710678.7    64.5     5.00     4.65
4.65     YES                    NO
 L0004135         0   0.58824E-02  437048.3 3710688.1    64.6     5.00     4.65
4.65     YES                    NO
 L0004136         0   0.58824E-02  437046.8 3710698.0    64.6     5.00     4.65
4.65     YES                    NO
 L0004137         0   0.58824E-02  437049.4 3710704.4    64.6     5.00     4.65
4.65     YES                    NO
 L0004138         0   0.58824E-02  437059.4 3710704.4    64.6     5.00     4.65
4.65     YES                    NO
 L0004139         0   0.58824E-02  437069.4 3710704.4    64.6     5.00     4.65
4.65     YES                    NO
 L0004140         0   0.58824E-02  437079.4 3710704.4    64.5     5.00     4.65
4.65     YES                    NO
 L0004141         0   0.58824E-02  437088.1 3710702.9    64.5     5.00     4.65
4.65     YES                    NO
 L0004142         0   0.58824E-02  437089.4 3710693.0    64.5     5.00     4.65
4.65     YES                    NO
 L0004143         0   0.58824E-02  437090.7 3710683.1    64.5     5.00     4.65
4.65     YES                    NO
 L0004144         0   0.58824E-02  437087.0 3710678.1    64.4     5.00     4.65
4.65     YES                    NO
 L0004145         0   0.58824E-02  437082.7 3710673.8    64.4     5.00     4.65
4.65     YES                    NO
 L0004146         0   0.58824E-02  437083.8 3710663.8    64.3     5.00     4.65
4.65     YES                    NO
 L0004147         0   0.58824E-02  437085.0 3710653.9    64.1     5.00     4.65
4.65     YES                    NO
 L0004148         0   0.58824E-02  437082.7 3710654.4    64.1     5.00     4.65
4.65     YES                    NO
 L0004149         0   0.58824E-02  437077.5 3710663.0    64.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004150	0	0.58824E-02	437072.4	3710671.5	64.3	5.00	4.65	4.65	YES	NO
L0004151	0	0.58824E-02	437067.2	3710680.1	64.4	5.00	4.65	4.65	YES	NO
L0004152	0	0.58824E-02	437062.1	3710688.7	64.5	5.00	4.65	4.65	YES	NO
L0004153	0	0.58824E-02	437069.0	3710690.4	64.5	5.00	4.65	4.65	YES	NO
L0004154	0	0.13333E-01	437074.2	3710563.1	64.3	5.00	4.65	4.65	YES	NO
L0004155	0	0.13333E-01	437084.2	3710562.9	64.2	5.00	4.65	4.65	YES	NO
L0004156	0	0.13333E-01	437094.2	3710562.8	64.1	5.00	4.65	4.65	YES	NO
L0004157	0	0.13333E-01	437104.2	3710562.6	64.0	5.00	4.65	4.65	YES	NO
L0004158	0	0.13333E-01	437114.2	3710562.4	63.9	5.00	4.65	4.65	YES	NO
L0004159	0	0.13333E-01	437124.2	3710562.3	63.8	5.00	4.65	4.65	YES	NO
L0004160	0	0.13333E-01	437134.2	3710562.1	63.7	5.00	4.65	4.65	YES	NO
L0004161	0	0.13333E-01	437141.6	3710559.4	63.6	5.00	4.65	4.65	YES	NO
L0004162	0	0.13333E-01	437141.6	3710549.4	63.5	5.00	4.65	4.65	YES	NO
L0004163	0	0.13333E-01	437141.6	3710539.4	63.5	5.00	4.65	4.65	YES	NO
L0004164	0	0.13333E-01	437141.6	3710529.4	63.5	5.00	4.65	4.65	YES	NO
L0004165	0	0.13333E-01	437141.6	3710519.4	63.5	5.00	4.65	4.65	YES	NO
L0004166	0	0.13333E-01	437141.6	3710509.4	63.5	5.00	4.65	4.65	YES	NO
L0004167	0	0.13333E-01	437141.6	3710499.4	63.5	5.00	4.65	4.65	YES	NO
L0004168	0	0.13333E-01	437141.6	3710489.4	63.4	5.00	4.65	4.65	YES	NO
L0004169	0	0.13333E-01	437141.6	3710479.4	63.4	5.00	4.65	4.65	YES	NO
L0004170	0	0.13333E-01	437141.6	3710469.4	63.4	5.00	4.65	4.65	YES	NO
L0004171	0	0.13333E-01	437139.4	3710461.4	63.4	5.00	4.65	4.65	YES	NO
L0004172	0	0.13333E-01	437129.4	3710460.4	63.6	5.00	4.65			

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4.65     YES                    NO
 L0004173         0   0.13333E-01  437119.5 3710459.5    63.8     5.00     4.65
4.65     YES                    NO
 L0004174         0   0.13333E-01  437116.1 3710451.7    63.9     5.00     4.65
4.65     YES                    NO
 L0004175         0   0.13333E-01  437114.8 3710441.8    64.0     5.00     4.65
4.65     YES                    NO
 L0004176         0   0.13333E-01  437104.8 3710442.3    64.4     5.00     4.65
4.65     YES                    NO
 L0004177         0   0.13333E-01  437094.8 3710442.8    64.8     5.00     4.65
4.65     YES                    NO
 L0004178         0   0.13333E-01  437091.4 3710449.5    64.9     5.00     4.65
4.65     YES                    NO
 L0004179         0   0.13333E-01  437091.2 3710459.3    64.8     5.00     4.65
4.65     YES                    NO
 L0004180         0   0.13333E-01  437081.2 3710459.3    65.2     5.00     4.65
4.65     YES                    NO
 L0004181         0   0.13333E-01  437071.6 3710459.6    65.6     5.00     4.65
4.65     YES                    NO
 L0004182         0   0.13333E-01  437071.7 3710469.6    65.5     5.00     4.65
4.65     YES                    NO
 L0004183         0   0.13333E-01  437071.8 3710479.6    65.4     5.00     4.65
4.65     YES                    NO
 L0004184         0   0.13333E-01  437071.9 3710489.6    65.3     5.00     4.65
4.65     YES                    NO
 L0004185         0   0.13333E-01  437072.1 3710499.6    65.2     5.00     4.65
4.65     YES                    NO
 L0004186         0   0.13333E-01  437072.2 3710509.6    65.1     5.00     4.65
4.65     YES                    NO
 L0004187         0   0.13333E-01  437072.3 3710519.6    65.0     5.00     4.65
4.65     YES                    NO
 L0004188         0   0.13333E-01  437072.5 3710529.6    64.9     5.00     4.65
4.65     YES                    NO
 L0004189         0   0.13333E-01  437072.6 3710539.6    64.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004190	0	0.13333E-01	437072.7	3710549.6	64.7	5.00	4.65	4.65	YES NO
L0004191	0	0.13333E-01	437082.0	3710550.7	64.5	5.00	4.65	4.65	YES NO
L0004192	0	0.13333E-01	437092.0	3710551.1	64.3	5.00	4.65	4.65	YES NO
L0004193	0	0.13333E-01	437102.0	3710551.5	64.1	5.00	4.65	4.65	YES NO
L0004194	0	0.13333E-01	437112.0	3710551.9	63.9	5.00	4.65	4.65	YES NO
L0004195	0	0.13333E-01	437122.0	3710552.3	63.6	5.00	4.65	4.65	YES NO
L0004196	0	0.13333E-01	437129.9	3710550.6	63.5	5.00	4.65	4.65	YES NO
L0004197	0	0.13333E-01	437130.1	3710540.6	63.4	5.00	4.65	4.65	YES NO
L0004198	0	0.13333E-01	437130.3	3710530.6	63.4	5.00	4.65	4.65	YES NO
L0004199	0	0.13333E-01	437130.4	3710520.6	63.4	5.00	4.65	4.65	YES NO
L0004200	0	0.13333E-01	437130.6	3710510.6	63.4	5.00	4.65	4.65	YES NO
L0004201	0	0.13333E-01	437130.7	3710500.6	63.3	5.00	4.65	4.65	YES NO
L0004202	0	0.13333E-01	437130.9	3710490.6	63.3	5.00	4.65	4.65	YES NO
L0004203	0	0.13333E-01	437131.0	3710480.6	63.3	5.00	4.65	4.65	YES NO
L0004204	0	0.13333E-01	437124.9	3710476.8	63.5	5.00	4.65	4.65	YES NO
L0004205	0	0.13333E-01	437114.9	3710476.8	63.8	5.00	4.65	4.65	YES NO
L0004206	0	0.13333E-01	437104.9	3710476.8	64.2	5.00	4.65	4.65	YES NO
L0004207	0	0.13333E-01	437094.9	3710476.8	64.5	5.00	4.65	4.65	YES NO
L0004208	0	0.13333E-01	437085.6	3710477.4	64.8	5.00	4.65	4.65	YES NO
L0004209	0	0.13333E-01	437085.8	3710487.4	64.7	5.00	4.65	4.65	YES NO
L0004210	0	0.13333E-01	437085.9	3710497.4	64.6	5.00	4.65	4.65	YES NO
L0004211	0	0.13333E-01	437086.1	3710507.4	64.5	5.00	4.65	4.65	YES NO
L0004212	0	0.13333E-01	437086.3	3710517.4	64.4	5.00	4.65		

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4.65     YES                    NO
 L0004213         0   0.13333E-01  437086.5 3710527.4    64.2     5.00     4.65
4.65     YES                    NO
 L0004214         0   0.13333E-01  437086.7 3710537.4    64.1     5.00     4.65
4.65     YES                    NO
 L0004215         0   0.13333E-01  437095.5 3710539.0    64.0     5.00     4.65
4.65     YES                    NO
 L0004216         0   0.13333E-01  437105.5 3710539.4    63.8     5.00     4.65
4.65     YES                    NO
 L0004217         0   0.13333E-01  437115.5 3710539.8    63.6     5.00     4.65
4.65     YES                    NO
 L0004218         0   0.13333E-01  437117.3 3710531.4    63.6     5.00     4.65
4.65     YES                    NO
 L0004219         0   0.13333E-01  437117.5 3710521.4    63.6     5.00     4.65
4.65     YES                    NO
 L0004220         0   0.13333E-01  437117.7 3710511.4    63.6     5.00     4.65
4.65     YES                    NO
 L0004221         0   0.13333E-01  437118.0 3710501.4    63.7     5.00     4.65
4.65     YES                    NO
 L0004222         0   0.13333E-01  437118.2 3710491.4    63.7     5.00     4.65
4.65     YES                    NO
 L0004223         0   0.13333E-01  437110.1 3710489.6    63.9     5.00     4.65
4.65     YES                    NO
 L0004224         0   0.13333E-01  437100.1 3710489.6    64.2     5.00     4.65
4.65     YES                    NO
 L0004225         0   0.13333E-01  437099.6 3710499.1    64.1     5.00     4.65
4.65     YES                    NO
 L0004226         0   0.13333E-01  437099.6 3710509.1    64.1     5.00     4.65
4.65     YES                    NO
 L0004227         0   0.13333E-01  437099.6 3710519.1    64.0     5.00     4.65
4.65     YES                    NO
 L0004228         0   0.13333E-01  437099.6 3710529.1    64.0     5.00     4.65
4.65     YES                    NO
 L0004229         0   0.31949E-02  437224.1 3710784.8    61.5     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004230	0	0.31949E-02	437232.8	3710779.8	62.9	5.00	4.65	4.65	YES	NO
L0004231	0	0.31949E-02	437241.4	3710774.8	64.3	5.00	4.65	4.65	YES	NO
L0004232	0	0.31949E-02	437240.9	3710765.2	64.5	5.00	4.65	4.65	YES	NO
L0004233	0	0.31949E-02	437239.7	3710755.2	64.6	5.00	4.65	4.65	YES	NO
L0004234	0	0.31949E-02	437238.6	3710745.3	64.6	5.00	4.65	4.65	YES	NO
L0004235	0	0.31949E-02	437237.4	3710735.4	64.7	5.00	4.65	4.65	YES	NO
L0004236	0	0.31949E-02	437236.2	3710725.4	64.8	5.00	4.65	4.65	YES	NO
L0004237	0	0.31949E-02	437235.0	3710715.5	64.9	5.00	4.65	4.65	YES	NO
L0004238	0	0.31949E-02	437234.1	3710705.5	64.8	5.00	4.65	4.65	YES	NO
L0004239	0	0.31949E-02	437233.3	3710695.6	64.8	5.00	4.65	4.65	YES	NO
L0004240	0	0.31949E-02	437232.4	3710685.6	64.8	5.00	4.65	4.65	YES	NO
L0004241	0	0.31949E-02	437231.5	3710675.7	64.8	5.00	4.65	4.65	YES	NO
L0004242	0	0.31949E-02	437230.6	3710665.7	64.8	5.00	4.65	4.65	YES	NO
L0004243	0	0.31949E-02	437229.8	3710655.7	64.6	5.00	4.65	4.65	YES	NO
L0004244	0	0.31949E-02	437229.0	3710645.8	64.3	5.00	4.65	4.65	YES	NO
L0004245	0	0.31949E-02	437228.3	3710635.8	64.0	5.00	4.65	4.65	YES	NO
L0004246	0	0.31949E-02	437227.5	3710625.8	63.8	5.00	4.65	4.65	YES	NO
L0004247	0	0.31949E-02	437227.4	3710616.1	63.5	5.00	4.65	4.65	YES	NO
L0004248	0	0.31949E-02	437233.5	3710608.1	63.3	5.00	4.65	4.65	YES	NO
L0004249	0	0.31949E-02	437239.6	3710600.1	63.2	5.00	4.65	4.65	YES	NO
L0004250	0	0.31949E-02	437245.5	3710592.2	63.0	5.00	4.65	4.65	YES	NO
L0004251	0	0.31949E-02	437248.1	3710582.5	63.1	5.00	4.65	4.65	YES	NO
L0004252	0	0.31949E-02	437250.6	3710572.8	63.2	5.00	4.65			

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4.65     YES                    NO
 L0004253         0   0.31949E-02  437253.2 3710563.1    63.4     5.00     4.65
4.65     YES                    NO
 L0004254         0   0.31949E-02  437255.7 3710553.5    63.5     5.00     4.65
4.65     YES                    NO
 L0004255         0   0.31949E-02  437258.2 3710543.8    63.6     5.00     4.65
4.65     YES                    NO
 L0004256         0   0.31949E-02  437260.8 3710534.1    63.7     5.00     4.65
4.65     YES                    NO
 L0004257         0   0.31949E-02  437263.3 3710524.5    63.9     5.00     4.65
4.65     YES                    NO
 L0004258         0   0.31949E-02  437265.9 3710514.8    64.0     5.00     4.65
4.65     YES                    NO
 L0004259         0   0.31949E-02  437268.4 3710505.1    64.1     5.00     4.65
4.65     YES                    NO
 L0004260         0   0.31949E-02  437270.9 3710495.4    64.2     5.00     4.65
4.65     YES                    NO
 L0004261         0   0.31949E-02  437273.5 3710485.8    64.3     5.00     4.65
4.65     YES                    NO
 L0004262         0   0.31949E-02  437276.1 3710476.1    64.5     5.00     4.65
4.65     YES                    NO
 L0004263         0   0.31949E-02  437280.1 3710466.9    64.5     5.00     4.65
4.65     YES                    NO
 L0004264         0   0.31949E-02  437284.0 3710457.7    64.5     5.00     4.65
4.65     YES                    NO
 L0004265         0   0.31949E-02  437285.1 3710448.4    64.3     5.00     4.65
4.65     YES                    NO
 L0004266         0   0.31949E-02  437281.9 3710438.9    63.7     5.00     4.65
4.65     YES                    NO
 L0004267         0   0.31949E-02  437278.7 3710429.5    63.0     5.00     4.65
4.65     YES                    NO
 L0004268         0   0.31949E-02  437277.4 3710419.8    62.7     5.00     4.65
4.65     YES                    NO
 L0004269         0   0.31949E-02  437278.4 3710409.8    62.9     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004270	0	0.31949E-02	437279.3	3710399.8	63.0	5.00	4.65	4.65	YES
L0004271	0	0.31949E-02	437280.3	3710389.9	63.1	5.00	4.65	4.65	YES
L0004272	0	0.31949E-02	437281.2	3710379.9	63.2	5.00	4.65	4.65	YES
L0004273	0	0.31949E-02	437278.4	3710371.1	63.0	5.00	4.65	4.65	YES
L0004274	0	0.31949E-02	437272.3	3710363.2	62.5	5.00	4.65	4.65	YES
L0004275	0	0.31949E-02	437266.2	3710355.3	62.0	5.00	4.65	4.65	YES
L0004276	0	0.31949E-02	437260.0	3710347.4	61.4	5.00	4.65	4.65	YES
L0004277	0	0.31949E-02	437253.9	3710339.5	60.9	5.00	4.65	4.65	YES
L0004278	0	0.31949E-02	437247.7	3710331.6	60.4	5.00	4.65	4.65	YES
L0004279	0	0.31949E-02	437241.6	3710323.7	59.9	5.00	4.65	4.65	YES
L0004280	0	0.31949E-02	437233.5	3710318.0	59.6	5.00	4.65	4.65	YES
L0004281	0	0.31949E-02	437225.0	3710312.7	59.3	5.00	4.65	4.65	YES
L0004282	0	0.31949E-02	437216.6	3710307.3	59.1	5.00	4.65	4.65	YES
L0004283	0	0.31949E-02	437208.1	3710301.9	58.8	5.00	4.65	4.65	YES
L0004284	0	0.31949E-02	437199.7	3710296.6	58.6	5.00	4.65	4.65	YES
L0004285	0	0.31949E-02	437191.3	3710291.2	58.3	5.00	4.65	4.65	YES
L0004286	0	0.31949E-02	437182.8	3710285.9	58.1	5.00	4.65	4.65	YES
L0004287	0	0.31949E-02	437174.4	3710280.5	57.8	5.00	4.65	4.65	YES
L0004288	0	0.31949E-02	437167.0	3710274.4	57.7	5.00	4.65	4.65	YES
L0004289	0	0.31949E-02	437164.9	3710264.6	58.5	5.00	4.65	4.65	YES
L0004290	0	0.31949E-02	437162.9	3710254.8	59.4	5.00	4.65	4.65	YES
L0004291	0	0.31949E-02	437160.9	3710245.0	60.2	5.00	4.65	4.65	YES
L0004292	0	0.31949E-02	437158.9	3710235.2	61.0	5.00	4.65		

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4.65     YES                    NO
 L0004293         0   0.31949E-02  437156.9 3710225.4    61.8     5.00     4.65
4.65     YES                    NO
 L0004294         0   0.31949E-02  437159.4 3710215.9    62.0     5.00     4.65
4.65     YES                    NO
 L0004295         0   0.31949E-02  437162.4 3710206.3    62.1     5.00     4.65
4.65     YES                    NO
 L0004296         0   0.31949E-02  437165.3 3710196.7    62.2     5.00     4.65
4.65     YES                    NO
 L0004297         0   0.31949E-02  437168.2 3710187.2    62.4     5.00     4.65
4.65     YES                    NO
 L0004298         0   0.31949E-02  437172.7 3710178.4    62.4     5.00     4.65
4.65     YES                    NO
 L0004299         0   0.31949E-02  437178.5 3710170.3    62.5     5.00     4.65
4.65     YES                    NO
 L0004300         0   0.31949E-02  437184.4 3710162.2    62.5     5.00     4.65
4.65     YES                    NO
 L0004301         0   0.31949E-02  437190.2 3710154.1    62.5     5.00     4.65
4.65     YES                    NO
 L0004302         0   0.31949E-02  437196.1 3710145.9    62.5     5.00     4.65
4.65     YES                    NO
 L0004303         0   0.31949E-02  437197.2 3710138.7    62.3     5.00     4.65
4.65     YES                    NO
 L0004304         0   0.31949E-02  437189.0 3710133.0    61.5     5.00     4.65
4.65     YES                    NO
 L0004305         0   0.31949E-02  437180.7 3710127.3    60.8     5.00     4.65
4.65     YES                    NO
 L0004306         0   0.31949E-02  437172.5 3710121.6    60.0     5.00     4.65
4.65     YES                    NO
 L0004307         0   0.31949E-02  437164.3 3710115.9    59.3     5.00     4.65
4.65     YES                    NO
 L0004308         0   0.31949E-02  437156.1 3710110.2    58.5     5.00     4.65
4.65     YES                    NO
 L0004309         0   0.31949E-02  437147.9 3710104.5    57.8     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004310	0	0.31949E-02	437139.7	3710098.8	57.0	5.00	4.65	4.65	YES
L0004311	0	0.31949E-02	437131.4	3710093.1	56.2	5.00	4.65	4.65	YES
L0004312	0	0.31949E-02	437123.5	3710093.8	56.4	5.00	4.65	4.65	YES
L0004313	0	0.31949E-02	437115.8	3710100.2	57.5	5.00	4.65	4.65	YES
L0004314	0	0.31949E-02	437108.1	3710106.5	58.6	5.00	4.65	4.65	YES
L0004315	0	0.31949E-02	437100.4	3710112.9	59.7	5.00	4.65	4.65	YES
L0004316	0	0.31949E-02	437092.7	3710119.3	60.8	5.00	4.65	4.65	YES
L0004317	0	0.31949E-02	437085.0	3710125.7	61.8	5.00	4.65	4.65	YES
L0004318	0	0.31949E-02	437078.4	3710132.9	63.0	5.00	4.65	4.65	YES
L0004319	0	0.31949E-02	437074.2	3710142.0	64.4	5.00	4.65	4.65	YES
L0004320	0	0.31949E-02	437070.0	3710151.0	65.7	5.00	4.65	4.65	YES
L0004321	0	0.31949E-02	437065.7	3710160.1	67.1	5.00	4.65	4.65	YES
L0004322	0	0.31949E-02	437061.5	3710169.2	68.4	5.00	4.65	4.65	YES
L0004323	0	0.31949E-02	437057.3	3710178.2	69.8	5.00	4.65	4.65	YES
L0004324	0	0.31949E-02	437053.1	3710187.3	71.1	5.00	4.65	4.65	YES
L0004325	0	0.31949E-02	437048.9	3710196.4	72.5	5.00	4.65	4.65	YES
L0004326	0	0.31949E-02	437051.4	3710205.6	71.6	5.00	4.65	4.65	YES
L0004327	0	0.31949E-02	437055.1	3710214.9	70.3	5.00	4.65	4.65	YES
L0004328	0	0.31949E-02	437058.9	3710224.2	69.0	5.00	4.65	4.65	YES
L0004329	0	0.31949E-02	437062.6	3710233.4	67.7	5.00	4.65	4.65	YES
L0004330	0	0.31949E-02	437066.4	3710242.7	66.3	5.00	4.65	4.65	YES
L0004331	0	0.31949E-02	437070.1	3710252.0	65.0	5.00	4.65	4.65	YES
L0004332	0	0.31949E-02	437072.0	3710261.8	64.6	5.00	4.65		

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4.65     YES                    NO
 L0004333         0   0.31949E-02  437073.7 3710271.6    64.2     5.00     4.65
4.65     YES                    NO
 L0004334         0   0.31949E-02  437075.4 3710281.5    63.8     5.00     4.65
4.65     YES                    NO
 L0004335         0   0.31949E-02  437079.0 3710290.6    63.2     5.00     4.65
4.65     YES                    NO
 L0004336         0   0.31949E-02  437084.6 3710298.8    62.6     5.00     4.65
4.65     YES                    NO
 L0004337         0   0.31949E-02  437090.3 3710307.1    61.9     5.00     4.65
4.65     YES                    NO
 L0004338         0   0.31949E-02  437095.9 3710315.3    61.3     5.00     4.65
4.65     YES                    NO
 L0004339         0   0.31949E-02  437101.6 3710323.6    60.6     5.00     4.65
4.65     YES                    NO
 L0004340         0   0.31949E-02  437107.7 3710330.7    59.8     5.00     4.65
4.65     YES                    NO
 L0004341         0   0.31949E-02  437117.7 3710329.6    57.3     5.00     4.65
4.65     YES                    NO
 L0004342         0   0.31949E-02  437127.4 3710329.1    55.1     5.00     4.65
4.65     YES                    NO
 L0004343         0   0.31949E-02  437136.0 3710334.3    55.1     5.00     4.65
4.65     YES                    NO
 L0004344         0   0.31949E-02  437144.6 3710339.4    55.1     5.00     4.65
4.65     YES                    NO
 L0004345         0   0.31949E-02  437153.2 3710344.6    55.1     5.00     4.65
4.65     YES                    NO
 L0004346         0   0.31949E-02  437161.7 3710349.7    55.2     5.00     4.65
4.65     YES                    NO
 L0004347         0   0.31949E-02  437170.3 3710354.9    55.2     5.00     4.65
4.65     YES                    NO
 L0004348         0   0.31949E-02  437178.1 3710361.1    55.1     5.00     4.65
4.65     YES                    NO
 L0004349         0   0.31949E-02  437185.5 3710367.8    55.0     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004350	0	0.31949E-02	437193.0	3710374.5	54.9	5.00	4.65	4.65	YES NO
L0004351	0	0.31949E-02	437200.4	3710381.2	54.7	5.00	4.65	4.65	YES NO
L0004352	0	0.31949E-02	437207.8	3710387.9	54.6	5.00	4.65	4.65	YES NO
L0004353	0	0.31949E-02	437215.2	3710394.6	54.5	5.00	4.65	4.65	YES NO
L0004354	0	0.31949E-02	437219.1	3710401.0	55.0	5.00	4.65	4.65	YES NO
L0004355	0	0.31949E-02	437210.9	3710406.7	57.8	5.00	4.65	4.65	YES NO
L0004356	0	0.31949E-02	437206.5	3710414.0	59.4	5.00	4.65	4.65	YES NO
L0004357	0	0.31949E-02	437208.2	3710423.8	59.3	5.00	4.65	4.65	YES NO
L0004358	0	0.31949E-02	437210.0	3710433.7	59.1	5.00	4.65	4.65	YES NO
L0004359	0	0.31949E-02	437211.7	3710443.5	59.0	5.00	4.65	4.65	YES NO
L0004360	0	0.31949E-02	437213.5	3710453.4	58.9	5.00	4.65	4.65	YES NO
L0004361	0	0.31949E-02	437215.3	3710463.2	58.7	5.00	4.65	4.65	YES NO
L0004362	0	0.31949E-02	437217.0	3710473.0	58.6	5.00	4.65	4.65	YES NO
L0004363	0	0.31949E-02	437216.1	3710482.9	58.2	5.00	4.65	4.65	YES NO
L0004364	0	0.31949E-02	437214.2	3710492.7	57.7	5.00	4.65	4.65	YES NO
L0004365	0	0.31949E-02	437212.4	3710502.5	57.3	5.00	4.65	4.65	YES NO
L0004366	0	0.31949E-02	437210.5	3710512.4	56.8	5.00	4.65	4.65	YES NO
L0004367	0	0.31949E-02	437208.7	3710522.2	56.3	5.00	4.65	4.65	YES NO
L0004368	0	0.31949E-02	437206.8	3710532.0	55.8	5.00	4.65	4.65	YES NO
L0004369	0	0.31949E-02	437203.1	3710541.0	56.3	5.00	4.65	4.65	YES NO
L0004370	0	0.31949E-02	437196.9	3710548.9	57.8	5.00	4.65	4.65	YES NO
L0004371	0	0.31949E-02	437190.8	3710556.8	59.3	5.00	4.65	4.65	YES NO
L0004372	0	0.31949E-02	437184.7	3710564.7	60.9	5.00	4.65		

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4.65     YES                    NO
 L0004373         0   0.31949E-02  437178.5 3710572.6    62.4     5.00     4.65
4.65     YES                    NO
 L0004374         0   0.31949E-02  437173.5 3710580.7    63.5     5.00     4.65
4.65     YES                    NO
 L0004375         0   0.31949E-02  437176.3 3710590.2    61.6     5.00     4.65
4.65     YES                    NO
 L0004376         0   0.31949E-02  437179.2 3710599.8    59.6     5.00     4.65
4.65     YES                    NO
 L0004377         0   0.31949E-02  437180.1 3710609.7    59.3     5.00     4.65
4.65     YES                    NO
 L0004378         0   0.31949E-02  437180.1 3710619.7    59.8     5.00     4.65
4.65     YES                    NO
 L0004379         0   0.31949E-02  437180.1 3710629.7    60.3     5.00     4.65
4.65     YES                    NO
 L0004380         0   0.31949E-02  437180.1 3710639.7    60.7     5.00     4.65
4.65     YES                    NO
 L0004381         0   0.31949E-02  437180.7 3710649.6    61.1     5.00     4.65
4.65     YES                    NO
 L0004382         0   0.31949E-02  437181.9 3710659.6    61.5     5.00     4.65
4.65     YES                    NO
 L0004383         0   0.31949E-02  437183.1 3710669.5    61.8     5.00     4.65
4.65     YES                    NO
 L0004384         0   0.31949E-02  437184.3 3710679.4    62.1     5.00     4.65
4.65     YES                    NO
 L0004385         0   0.31949E-02  437185.5 3710689.4    62.5     5.00     4.65
4.65     YES                    NO
 L0004386         0   0.31949E-02  437186.6 3710699.3    62.8     5.00     4.65
4.65     YES                    NO
 L0004387         0   0.31949E-02  437189.0 3710709.0    62.8     5.00     4.65
4.65     YES                    NO
 L0004388         0   0.31949E-02  437192.0 3710718.5    62.5     5.00     4.65
4.65     YES                    NO
 L0004389         0   0.31949E-02  437195.1 3710728.0    62.2     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004390	0	0.31949E-02	437198.2	3710737.5	61.9	5.00	4.65	4.65	YES NO
L0004391	0	0.31949E-02	437201.2	3710747.0	61.6	5.00	4.65	4.65	YES NO
L0004392	0	0.31949E-02	437204.3	3710756.6	61.3	5.00	4.65	4.65	YES NO
L0004393	0	0.31949E-02	437207.4	3710766.1	61.0	5.00	4.65	4.65	YES NO
L0004394	0	0.31949E-02	437210.5	3710775.6	60.6	5.00	4.65	4.65	YES NO
L0004395	0	0.31949E-02	437219.4	3710771.2	61.3	5.00	4.65	4.65	YES NO
L0004396	0	0.31949E-02	437221.4	3710762.9	61.3	5.00	4.65	4.65	YES NO
L0004397	0	0.31949E-02	437220.4	3710753.0	61.0	5.00	4.65	4.65	YES NO
L0004398	0	0.31949E-02	437219.3	3710743.0	60.7	5.00	4.65	4.65	YES NO
L0004399	0	0.31949E-02	437218.3	3710733.1	60.4	5.00	4.65	4.65	YES NO
L0004400	0	0.31949E-02	437217.3	3710723.1	60.1	5.00	4.65	4.65	YES NO
L0004401	0	0.31949E-02	437216.2	3710713.2	59.9	5.00	4.65	4.65	YES NO
L0004402	0	0.31949E-02	437215.2	3710703.3	59.6	5.00	4.65	4.65	YES NO
L0004403	0	0.31949E-02	437214.1	3710693.3	59.3	5.00	4.65	4.65	YES NO
L0004404	0	0.31949E-02	437212.8	3710683.4	59.1	5.00	4.65	4.65	YES NO
L0004405	0	0.31949E-02	437211.5	3710673.5	59.0	5.00	4.65	4.65	YES NO
L0004406	0	0.31949E-02	437210.1	3710663.6	58.8	5.00	4.65	4.65	YES NO
L0004407	0	0.31949E-02	437208.7	3710653.7	58.7	5.00	4.65	4.65	YES NO
L0004408	0	0.31949E-02	437207.3	3710643.8	58.5	5.00	4.65	4.65	YES NO
L0004409	0	0.31949E-02	437206.0	3710633.9	58.4	5.00	4.65	4.65	YES NO
L0004410	0	0.31949E-02	437204.6	3710624.0	58.2	5.00	4.65	4.65	YES NO
L0004411	0	0.31949E-02	437202.8	3710614.2	58.2	5.00	4.65	4.65	YES NO
L0004412	0	0.31949E-02	437199.1	3710604.9	58.6	5.00	4.65		

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4.65     YES                    NO
 L0004413         0   0.31949E-02  437195.4 3710595.6    59.0     5.00     4.65
4.65     YES                    NO
 L0004414         0   0.31949E-02  437192.0 3710586.6    59.4     5.00     4.65
4.65     YES                    NO
 L0004415         0   0.31949E-02  437201.4 3710590.1    58.5     5.00     4.65
4.65     YES                    NO
 L0004416         0   0.31949E-02  437210.8 3710593.5    57.6     5.00     4.65
4.65     YES                    NO
 L0004417         0   0.31949E-02  437220.1 3710597.0    56.7     5.00     4.65
4.65     YES                    NO
 L0004418         0   0.31949E-02  437224.8 3710591.7    57.2     5.00     4.65
4.65     YES                    NO
 L0004419         0   0.31949E-02  437227.0 3710582.0    58.3     5.00     4.65
4.65     YES                    NO
 L0004420         0   0.31949E-02  437228.9 3710572.4    59.4     5.00     4.65
4.65     YES                    NO
 L0004421         0   0.31949E-02  437219.5 3710569.0    58.0     5.00     4.65
4.65     YES                    NO
 L0004422         0   0.31949E-02  437210.1 3710565.6    56.6     5.00     4.65
4.65     YES                    NO
 L0004423         0   0.31949E-02  437205.6 3710561.2    55.7     5.00     4.65
4.65     YES                    NO
 L0004424         0   0.31949E-02  437213.0 3710554.4    55.8     5.00     4.65
4.65     YES                    NO
 L0004425         0   0.31949E-02  437220.7 3710548.1    55.8     5.00     4.65
4.65     YES                    NO
 L0004426         0   0.31949E-02  437229.4 3710543.3    55.9     5.00     4.65
4.65     YES                    NO
 L0004427         0   0.31949E-02  437233.1 3710534.7    55.9     5.00     4.65
4.65     YES                    NO
 L0004428         0   0.31949E-02  437235.3 3710524.9    55.8     5.00     4.65
4.65     YES                    NO
 L0004429         0   0.31949E-02  437237.5 3710515.1    55.6     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
```

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004430	0	0.31949E-02	437239.7	3710505.4	55.5	5.00	4.65	4.65	YES	NO
L0004431	0	0.31949E-02	437241.8	3710495.6	55.4	5.00	4.65	4.65	YES	NO
L0004432	0	0.31949E-02	437244.0	3710485.9	55.3	5.00	4.65	4.65	YES	NO
L0004433	0	0.31949E-02	437247.4	3710476.7	55.4	5.00	4.65	4.65	YES	NO
L0004434	0	0.31949E-02	437253.7	3710468.9	56.0	5.00	4.65	4.65	YES	NO
L0004435	0	0.31949E-02	437259.9	3710461.1	56.7	5.00	4.65	4.65	YES	NO
L0004436	0	0.31949E-02	437261.0	3710455.8	56.7	5.00	4.65	4.65	YES	NO
L0004437	0	0.31949E-02	437251.0	3710455.8	55.5	5.00	4.65	4.65	YES	NO
L0004438	0	0.31949E-02	437241.0	3710455.8	54.3	5.00	4.65	4.65	YES	NO
L0004439	0	0.31949E-02	437232.2	3710454.1	53.3	5.00	4.65	4.65	YES	NO
L0004440	0	0.31949E-02	437229.7	3710444.5	53.5	5.00	4.65	4.65	YES	NO
L0004441	0	0.31949E-02	437227.1	3710434.8	53.7	5.00	4.65	4.65	YES	NO
L0004442	0	0.31949E-02	437235.4	3710432.2	54.8	5.00	4.65	4.65	YES	NO
L0004443	0	0.31949E-02	437245.3	3710430.5	56.1	5.00	4.65	4.65	YES	NO
L0004444	0	0.31949E-02	437255.2	3710428.9	57.3	5.00	4.65	4.65	YES	NO
L0004445	0	0.31949E-02	437261.6	3710424.5	58.3	5.00	4.65	4.65	YES	NO
L0004446	0	0.31949E-02	437260.7	3710414.6	58.7	5.00	4.65	4.65	YES	NO
L0004447	0	0.31949E-02	437259.9	3710404.6	59.0	5.00	4.65	4.65	YES	NO
L0004448	0	0.31949E-02	437254.5	3710400.8	58.0	5.00	4.65	4.65	YES	NO
L0004449	0	0.31949E-02	437244.7	3710402.9	55.8	5.00	4.65	4.65	YES	NO
L0004450	0	0.31949E-02	437238.1	3710402.1	54.0	5.00	4.65	4.65	YES	NO
L0004451	0	0.31949E-02	437241.3	3710392.6	53.7	5.00	4.65	4.65	YES	NO
L0004452	0	0.31949E-02	437236.6	3710384.9	53.6	5.00	4.65			

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4.65     YES                    NO
 L0004453         0   0.31949E-02  437229.6 3710377.7    53.4     5.00     4.65
4.65     YES                    NO
 L0004454         0   0.31949E-02  437222.7 3710370.5    53.3     5.00     4.65
4.65     YES                    NO
 L0004455         0   0.31949E-02  437215.7 3710363.4    53.1     5.00     4.65
4.65     YES                    NO
 L0004456         0   0.31949E-02  437208.7 3710356.2    53.0     5.00     4.65
4.65     YES                    NO
 L0004457         0   0.31949E-02  437201.8 3710349.0    52.8     5.00     4.65
4.65     YES                    NO
 L0004458         0   0.31949E-02  437193.3 3710343.8    52.8     5.00     4.65
4.65     YES                    NO
 L0004459         0   0.31949E-02  437184.7 3710338.7    52.7     5.00     4.65
4.65     YES                    NO
 L0004460         0   0.31949E-02  437176.0 3710333.7    52.7     5.00     4.65
4.65     YES                    NO
 L0004461         0   0.31949E-02  437167.4 3710328.6    52.7     5.00     4.65
4.65     YES                    NO
 L0004462         0   0.31949E-02  437158.8 3710323.6    52.7     5.00     4.65
4.65     YES                    NO
 L0004463         0   0.31949E-02  437150.2 3710318.5    52.6     5.00     4.65
4.65     YES                    NO
 L0004464         0   0.31949E-02  437141.5 3710313.4    52.6     5.00     4.65
4.65     YES                    NO
 L0004465         0   0.31949E-02  437133.1 3710308.2    52.6     5.00     4.65
4.65     YES                    NO
 L0004466         0   0.31949E-02  437127.0 3710300.2    53.2     5.00     4.65
4.65     YES                    NO
 L0004467         0   0.31949E-02  437121.0 3710292.3    53.9     5.00     4.65
4.65     YES                    NO
 L0004468         0   0.31949E-02  437115.0 3710284.3    54.5     5.00     4.65
4.65     YES                    NO
 L0004469         0   0.31949E-02  437108.9 3710276.3    55.1     5.00     4.65
4.65     YES                    NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0004470	0	0.31949E-02	437102.9	3710268.3	55.8	5.00	4.65	4.65	YES
L0004471	0	0.31949E-02	437097.1	3710260.3	56.4	5.00	4.65	4.65	YES
L0004472	0	0.31949E-02	437094.1	3710250.7	57.0	5.00	4.65	4.65	YES
L0004473	0	0.31949E-02	437091.2	3710241.1	57.5	5.00	4.65	4.65	YES
L0004474	0	0.31949E-02	437088.2	3710231.6	58.1	5.00	4.65	4.65	YES
L0004475	0	0.31949E-02	437085.3	3710222.0	58.7	5.00	4.65	4.65	YES
L0004476	0	0.31949E-02	437082.4	3710212.5	59.3	5.00	4.65	4.65	YES
L0004477	0	0.31949E-02	437079.4	3710202.9	59.9	5.00	4.65	4.65	YES
L0004478	0	0.31949E-02	437081.1	3710193.5	59.8	5.00	4.65	4.65	YES
L0004479	0	0.31949E-02	437084.7	3710184.2	59.5	5.00	4.65	4.65	YES
L0004480	0	0.31949E-02	437088.3	3710174.8	59.1	5.00	4.65	4.65	YES
L0004481	0	0.31949E-02	437091.9	3710165.5	58.8	5.00	4.65	4.65	YES
L0004482	0	0.31949E-02	437095.5	3710156.2	58.5	5.00	4.65	4.65	YES
L0004483	0	0.31949E-02	437101.0	3710147.9	57.7	5.00	4.65	4.65	YES
L0004484	0	0.31949E-02	437107.0	3710139.9	56.8	5.00	4.65	4.65	YES
L0004485	0	0.31949E-02	437113.0	3710131.9	56.0	5.00	4.65	4.65	YES
L0004486	0	0.31949E-02	437119.0	3710123.9	55.1	5.00	4.65	4.65	YES
L0004487	0	0.31949E-02	437127.0	3710125.8	55.7	5.00	4.65	4.65	YES
L0004488	0	0.31949E-02	437135.5	3710130.9	56.7	5.00	4.65	4.65	YES
L0004489	0	0.31949E-02	437144.1	3710136.1	57.7	5.00	4.65	4.65	YES
L0004490	0	0.31949E-02	437152.6	3710141.3	58.7	5.00	4.65	4.65	YES
L0004491	0	0.31949E-02	437161.2	3710146.5	59.7	5.00	4.65	4.65	YES
L0004492	0	0.31949E-02	437162.6	3710153.8	60.6	5.00	4.65		

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4.65     YES                    NO
 L0004493         0   0.31949E-02  437158.4 3710162.9    61.4     5.00     4.65
4.65     YES                    NO
 L0004494         0   0.31949E-02  437154.3 3710172.0    62.3     5.00     4.65
4.65     YES                    NO
 L0004495         0   0.31949E-02  437148.0 3710174.4    61.8     5.00     4.65
4.65     YES                    NO
 L0004496         0   0.31949E-02  437139.3 3710169.4    59.9     5.00     4.65
4.65     YES                    NO
 L0004497         0   0.31949E-02  437130.6 3710164.4    58.0     5.00     4.65
4.65     YES                    NO
 L0004498         0   0.31949E-02  437122.0 3710159.4    56.2     5.00     4.65
4.65     YES                    NO
 L0004499         0   0.31949E-02  437117.0 3710167.7    54.8     5.00     4.65
4.65     YES                    NO
 L0004500         0   0.31949E-02  437112.0 3710176.4    53.5     5.00     4.65
4.65     YES                    NO
 L0004501         0   0.31949E-02  437107.1 3710185.1    52.1     5.00     4.65
4.65     YES                    NO
 L0004502         0   0.31949E-02  437114.4 3710190.3    53.6     5.00     4.65
4.65     YES                    NO
 L0004503         0   0.31949E-02  437123.2 3710195.0    55.4     5.00     4.65
4.65     YES                    NO
 L0004504         0   0.31949E-02  437132.0 3710199.8    57.2     5.00     4.65
4.65     YES                    NO
 L0004505         0   0.31949E-02  437139.1 3710205.4    58.5     5.00     4.65
4.65     YES                    NO
 L0004506         0   0.31949E-02  437138.1 3710215.4    57.8     5.00     4.65
4.65     YES                    NO
 L0004507         0   0.31949E-02  437137.2 3710225.3    57.0     5.00     4.65
4.65     YES                    NO
 L0004508         0   0.31949E-02  437130.2 3710225.5    56.1     5.00     4.65
4.65     YES                    NO
 L0004509         0   0.31949E-02  437121.0 3710221.8    55.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
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ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY
L0004510	0	0.31949E-02	437111.7	3710218.0	54.2	5.00	4.65	4.65	YES	NO
L0004511	0	0.31949E-02	437102.4	3710214.3	53.3	5.00	4.65	4.65	YES	NO
L0004512	0	0.31949E-02	437105.1	3710223.0	53.4	5.00	4.65	4.65	YES	NO
L0004513	0	0.31949E-02	437108.6	3710232.4	53.5	5.00	4.65	4.65	YES	NO
L0004514	0	0.31949E-02	437113.1	3710240.8	53.8	5.00	4.65	4.65	YES	NO
L0004515	0	0.31949E-02	437121.9	3710245.6	54.3	5.00	4.65	4.65	YES	NO
L0004516	0	0.31949E-02	437130.7	3710250.4	54.8	5.00	4.65	4.65	YES	NO
L0004517	0	0.31949E-02	437139.4	3710255.2	55.3	5.00	4.65	4.65	YES	NO
L0004518	0	0.31949E-02	437143.0	3710264.6	54.7	5.00	4.65	4.65	YES	NO
L0004519	0	0.31949E-02	437146.6	3710273.9	54.0	5.00	4.65	4.65	YES	NO
L0004520	0	0.31949E-02	437148.4	3710281.3	53.5	5.00	4.65	4.65	YES	NO
L0004521	0	0.31949E-02	437139.1	3710277.7	53.6	5.00	4.65	4.65	YES	NO
L0004522	0	0.31949E-02	437129.7	3710274.1	53.7	5.00	4.65	4.65	YES	NO
L0004523	0	0.31949E-02	437120.4	3710270.5	53.8	5.00	4.65	4.65	YES	NO
L0004524	0	0.31949E-02	437125.0	3710277.1	53.3	5.00	4.65	4.65	YES	NO
L0004525	0	0.31949E-02	437131.3	3710284.9	52.8	5.00	4.65	4.65	YES	NO
L0004526	0	0.31949E-02	437137.6	3710292.6	52.3	5.00	4.65	4.65	YES	NO
L0004527	0	0.31949E-02	437146.6	3710295.1	53.0	5.00	4.65	4.65	YES	NO
L0004528	0	0.31949E-02	437156.6	3710295.7	54.2	5.00	4.65	4.65	YES	NO
L0004529	0	0.31949E-02	437165.3	3710300.1	54.4	5.00	4.65	4.65	YES	NO
L0004530	0	0.31949E-02	437173.6	3710305.7	54.3	5.00	4.65	4.65	YES	NO
L0004531	0	0.31949E-02	437181.8	3710311.4	54.2	5.00	4.65	4.65	YES	NO
L0004532	0	0.31949E-02	437190.1	3710317.0	54.1	5.00	4.65			

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4.65     YES                    NO
 L0004533         0   0.31949E-02  437198.3 3710322.6    54.0     5.00     4.65
4.65     YES                    NO
 L0004534         0   0.31949E-02  437206.6 3710328.3    53.9     5.00     4.65
4.65     YES                    NO
 L0004535         0   0.31949E-02  437213.9 3710335.1    54.6     5.00     4.65
4.65     YES                    NO
 L0004536         0   0.31949E-02  437221.2 3710341.9    55.4     5.00     4.65
4.65     YES                    NO
 L0004537         0   0.31949E-02  437228.6 3710348.7    56.2     5.00     4.65
4.65     YES                    NO
 L0004538         0   0.31949E-02  437235.9 3710355.5    56.9     5.00     4.65
4.65     YES                    NO
 L0004539         0   0.31949E-02  437243.2 3710362.4    57.7     5.00     4.65
4.65     YES                    NO
 L0004540         0   0.31949E-02  437250.5 3710369.2    58.5     5.00     4.65
4.65     YES                    NO
 L0004541         0   0.31949E-02  437257.8 3710376.0    59.2     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
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  SLINE3     L0003947    , L0003948    , L0003949    , L0003950    , L0003951    ,
L0003952    , L0003953    , L0003954    ,
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L0003976    , L0003977    , L0003978    ,

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  SLINE4     L0003984    , L0003985    , L0003986    , L0003987    , L0003988    ,
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                            SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

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

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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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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 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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     ( 437095.6, 3710824.6,      65.1,     211.6,       0.0);         ( 437118.5,
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     ( 437141.5, 3710822.9,      64.8,     211.6,       0.0);         ( 437164.5,
3710822.0,      64.7,     211.6,       0.0);
     ( 437005.6, 3710878.0,      69.7,     211.6,       0.0);         ( 437028.5,
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3711126.9,      83.0,     205.1,       0.0);
     ( 437060.7, 3711126.1,      79.5,     205.1,       0.0);         ( 437083.7,
3711125.2,      75.5,     205.1,       0.0);
     ( 437106.7, 3711124.4,      71.3,     205.1,       0.0);         ( 437129.6,
3711123.5,      68.6,     205.1,       0.0);
     ( 437152.6, 3711122.7,      67.4,     205.1,       0.0);         ( 437175.5,
3711121.8,      67.0,     205.1,       0.0);
     ( 437016.7, 3711177.8,      84.6,     205.1,       0.0);         ( 437039.6,
3711176.9,      83.7,     205.1,       0.0);
     ( 437062.6, 3711176.1,      81.8,     205.1,       0.0);         ( 437085.5,
3711175.2,      77.3,     205.1,       0.0);
     ( 437108.5, 3711174.4,      72.5,     205.1,       0.0);         ( 437131.5,
3711173.5,      69.7,     205.1,       0.0);
     ( 437154.4, 3711172.7,      68.2,     205.1,       0.0);         ( 437177.4,
3711171.8,      67.5,     205.1,       0.0);
     ( 437018.5, 3711227.7,      83.4,     205.1,       0.0);         ( 437041.5,
3711226.9,      83.2,     205.1,       0.0);
     ( 437064.4, 3711226.0,      83.2,     205.1,       0.0);         ( 437087.4,
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3711225.2,   80.8,   205.1,   0.0);
     (437110.4, 3711224.3,   75.9,   205.1,   0.0);   (437133.3,
3711223.5,   71.3,   205.1,   0.0);
     (437156.3, 3711222.6,   68.3,   205.1,   0.0);   (437179.2,
3711221.8,   67.3,   205.1,   0.0);
     (437020.4, 3711277.7,   78.1,   205.1,   0.0);   (437043.3,
3711276.8,   78.3,   205.1,   0.0);
     (437066.3, 3711276.0,   80.2,   205.1,   0.0);   (437089.2,
3711275.1,   80.1,   205.1,   0.0);
     (437112.2, 3711274.3,   76.9,   205.1,   0.0);   (437135.2,
3711273.4,   72.6,   205.1,   0.0);
     (437158.1, 3711272.6,   68.7,   205.1,   0.0);   (437181.1,
3711271.7,   67.4,   205.1,   0.0);
     (437024.0, 3711377.6,   77.3,   205.1,   0.0);   (437047.0,
3711376.8,   76.5,   205.1,   0.0);
     (437070.0, 3711375.9,   76.4,   205.1,   0.0);   (437092.9,
3711375.1,   76.4,   204.7,   0.0);
     (437115.9, 3711374.2,   76.2,   204.7,   0.0);   (437138.9,
3711373.4,   74.9,   204.7,   0.0);
     (437161.8, 3711372.5,   70.1,   205.1,   0.0);   (437184.8,
3711371.7,   67.8,   205.1,   0.0);
     (437027.8, 3711477.5,   80.8,   186.9,   0.0);   (437050.7,
3711476.7,   76.4,   186.9,   0.0);

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

     (437073.7, 3711475.8,   73.7,   186.9,   0.0);   (437096.6,
3711475.0,   72.6,   186.9,   0.0);
     (437119.6, 3711474.1,   71.9,   186.9,   0.0);   (437142.6,
3711473.3,   71.1,   186.9,   0.0);
     (437165.5, 3711472.4,   69.8,   186.9,   0.0);   (437188.5,
3711471.6,   68.1,   186.9,   0.0);
     (437031.5, 3711577.5,   98.5,   175.6,   0.0);   (437054.4,
3711576.6,   94.0,   175.6,   0.0);
     (437077.4, 3711575.8,   89.7,   175.6,   0.0);   (437100.3,
3711574.9,   84.2,   180.7,   0.0);
     (437123.3, 3711574.1,   78.1,   185.3,   0.0);   (437146.3,
3711573.2,   73.5,   185.9,   0.0);
     (437169.2, 3711572.4,   71.4,   186.8,   0.0);   (437192.2,
3711571.5,   70.7,   185.9,   0.0);
     (437035.1, 3711677.4,   106.5,   175.6,   0.0);   (437058.1,

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3711676.6,     103.4,     175.6,       0.0);
     ( 437081.1, 3711675.7,      98.0,     175.6,       0.0);         ( 437104.0,
3711674.9,      93.8,     175.6,       0.0);
     ( 437127.0, 3711674.0,      91.8,     175.6,       0.0);         ( 437150.0,
3711673.2,      90.4,     175.6,       0.0);
     ( 437172.9, 3711672.3,      86.7,     175.6,       0.0);         ( 437195.9,
3711671.5,      79.6,     175.6,       0.0);
     ( 437038.8, 3711777.3,      98.5,     175.6,       0.0);         ( 437061.8,
3711776.5,      96.8,     175.6,       0.0);
     ( 437084.8, 3711775.6,      94.2,     175.6,       0.0);         ( 437107.7,
3711774.8,      89.9,     175.6,       0.0);
     ( 437130.7, 3711773.9,      86.1,     175.6,       0.0);         ( 437153.7,
3711773.1,      83.8,     175.6,       0.0);
     ( 437176.6, 3711772.2,      82.0,     175.6,       0.0);         ( 437199.6,
3711771.4,      78.4,     175.6,       0.0);
     ( 437042.5, 3711877.3,      90.7,     175.6,       0.0);         ( 437065.5,
3711876.4,      87.9,     175.6,       0.0);
     ( 437088.5, 3711875.6,      86.1,     175.6,       0.0);         ( 437111.4,
3711874.7,      83.7,     175.6,       0.0);
     ( 437134.4, 3711873.9,      80.4,     175.6,       0.0);         ( 437157.4,
3711873.0,      78.1,     175.6,       0.0);
     ( 437180.3, 3711872.2,      77.3,     175.6,       0.0);         ( 437203.3,
3711871.3,      77.2,     175.6,       0.0);
     ( 437046.2, 3711977.2,      98.2,     175.6,       0.0);         ( 437069.2,
3711976.4,      97.5,     175.6,       0.0);
     ( 437092.2, 3711975.5,      97.3,     175.6,       0.0);         ( 437115.1,
3711974.7,      94.4,     175.6,       0.0);
     ( 437138.1, 3711973.8,      86.6,     175.6,       0.0);         ( 437161.1,
3711973.0,      81.9,     175.6,       0.0);
     ( 437184.0, 3711972.1,      80.5,     175.6,       0.0);         ( 437207.0,
3711971.3,      80.6,     175.6,       0.0);
     ( 437050.0, 3712077.1,     105.6,     175.6,       0.0);         ( 437072.9,
3712076.3,     102.8,     175.6,       0.0);
     ( 437095.9, 3712075.4,     102.2,     175.6,       0.0);         ( 437118.8,
3712074.6,     101.8,     175.6,       0.0);
     ( 437141.8, 3712073.7,      99.5,     175.6,       0.0);         ( 437164.8,
3712072.9,      93.0,     175.6,       0.0);
     ( 437187.7, 3712072.0,      89.3,     175.6,       0.0);         ( 437210.7,
3712071.2,      88.1,     175.6,       0.0);
     ( 437053.6, 3712177.1,     104.6,     175.6,       0.0);         ( 437076.6,
3712176.2,     102.5,     175.6,       0.0);
     ( 437099.6, 3712175.4,     100.0,     175.6,       0.0);         ( 437122.5,
3712174.5,      97.3,     175.6,       0.0);
     ( 437145.5, 3712173.7,      95.7,     175.6,       0.0);         ( 437168.5,
3712172.8,      95.2,     175.6,       0.0);
     ( 437191.4, 3712172.0,      94.6,     175.6,       0.0);         ( 437214.4,
3712171.1,      91.2,     175.6,       0.0);
     ( 437057.3, 3712277.0,     104.0,     155.8,       0.0);         ( 437080.3,
3712276.1,     102.6,     155.8,       0.0);
     ( 437103.3, 3712275.3,     100.8,     175.6,       0.0);         ( 437126.2,
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3712274.4,   98.7,   175.6,   0.0);
     (437149.2, 3712273.6,   96.7,   175.6,   0.0);   (437172.2,
3712272.8,   95.0,   175.6,   0.0);
     (437195.1, 3712271.9,   94.3,   175.6,   0.0);   (437218.1,
3712271.0,   94.5,   175.6,   0.0);
     (437177.3, 3710851.4,   64.8,   211.6,   0.0);   (437096.8,
3710847.3,   65.2,   211.6,   0.0);
     (437079.7, 3710898.9,   66.0,   211.6,   0.0);   (437062.6,
3710950.4,   68.0,   205.1,   0.0);
     (437045.6, 3711001.9,   70.0,   205.1,   0.0);   (436965.0,
3710997.8,   82.4,   205.1,   0.0);
     (436932.1, 3711035.5,   84.7,   205.1,   0.0);   (436963.9,
3711063.3,   83.9,   205.1,   0.0);
     (436899.2, 3711073.1,   89.2,   205.1,   0.0);   (436930.9,
3711100.9,   87.2,   205.1,   0.0);
     (436866.3, 3711110.7,   104.3,   205.1,   0.0);   (436898.0,
3711138.5,   97.9,   205.1,   0.0);
     (436833.3, 3711148.3,   120.6,   186.9,   0.0);   (436865.1,
3711176.1,   112.5,   186.9,   0.0);
     (436767.5, 3711223.6,   142.9,   169.4,   0.0);   (436799.2,
3711251.4,   131.9,   175.6,   0.0);
     (436701.6, 3711298.9,   167.5,   167.5,   0.0);   (436733.4,
3711326.6,   162.1,   168.8,   0.0);
     (436635.8, 3711374.1,   163.3,   163.3,   0.0);   (436667.5,
3711401.9,   163.5,   163.5,   0.0);

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

     (436569.9, 3711449.4,   154.3,   163.4,   0.0);   (436601.7,
3711477.2,   159.4,   159.4,   0.0);
     (436504.1, 3711524.6,   157.1,   159.3,   0.0);   (436535.8,
3711552.4,   159.5,   159.5,   0.0);
     (436438.2, 3711599.9,   145.3,   175.3,   0.0);   (436470.0,
3711627.7,   153.8,   162.0,   0.0);
     (436372.3, 3711675.1,   141.3,   162.0,   0.0);   (436404.1,
3711702.9,   143.5,   162.0,   0.0);
     (436306.5, 3711750.4,   120.1,   175.6,   0.0);   (436338.2,
3711778.2,   120.9,   175.6,   0.0);
     (436240.6, 3711825.6,   110.2,   175.6,   0.0);   (436272.4,
3711853.4,   110.5,   175.6,   0.0);
     (436174.8, 3711900.9,   120.5,   162.0,   0.0);   (436206.5,

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3711928.7,     127.3,     141.4,       0.0);
     ( 437216.5, 3710861.3,      63.1,     211.6,       0.0);         ( 437247.3,
3710852.1,      64.7,     211.6,       0.0);
     ( 437281.0, 3710837.2,      70.9,     205.1,       0.0);         ( 437236.7,
3710907.1,      64.6,     210.9,       0.0);
     ( 437209.0, 3710910.8,      64.9,     210.9,       0.0);         ( 437157.1,
3710894.9,      65.2,     211.6,       0.0);
     ( 437267.5, 3710897.8,      67.7,     205.1,       0.0);         ( 437301.2,
3710882.9,      72.1,     205.1,       0.0);
     ( 437254.1, 3710953.2,      66.1,     205.1,       0.0);         ( 437220.8,
3710957.6,      65.3,     205.1,       0.0);
     ( 437157.1, 3710947.9,      65.4,     205.1,       0.0);         ( 437287.6,
3710943.5,      69.6,     205.1,       0.0);
     ( 437321.4, 3710928.7,      71.6,     205.1,       0.0);         ( 437275.1,
3710998.8,      67.5,     205.1,       0.0);
     ( 437243.4, 3711003.0,      66.1,     205.1,       0.0);         ( 437211.7,
3711007.3,      65.7,     205.1,       0.0);
     ( 437151.0, 3710998.0,      65.8,     205.1,       0.0);         ( 437307.8,
3710989.3,      70.0,     205.1,       0.0);
     ( 437341.6, 3710974.4,      69.7,     205.1,       0.0);         ( 437293.8,
3711044.8,      67.7,     205.1,       0.0);
     ( 437259.1, 3711049.4,      65.6,     205.1,       0.0);         ( 437224.5,
3711054.0,      66.2,     205.1,       0.0);
     ( 437140.7, 3711046.1,      67.4,     205.1,       0.0);         ( 437328.0,
3711035.0,      69.1,     205.1,       0.0);
     ( 437361.8, 3711020.2,      68.5,     205.1,       0.0);         ( 437314.7,
3711090.4,      68.0,     205.1,       0.0);
     ( 437281.4, 3711094.9,      65.9,     205.1,       0.0);         ( 437248.1,
3711099.3,      65.5,     205.1,       0.0);
     ( 437214.8, 3711103.7,      66.6,     205.1,       0.0);         ( 437134.5,
3711096.2,      67.6,     205.1,       0.0);
     ( 437043.1, 3711053.7,      73.0,     205.1,       0.0);         ( 437348.2,
3711080.8,      68.3,     205.1,       0.0);
     ( 437381.9, 3711065.9,      68.1,     205.1,       0.0);         ( 437333.9,
3711136.3,      68.1,     205.1,       0.0);
     ( 437298.6, 3711141.0,      66.8,     205.1,       0.0);         ( 437263.3,
3711145.7,      64.5,     205.1,       0.0);
     ( 437228.0, 3711150.4,      66.9,     205.1,       0.0);         ( 437192.6,
3711155.1,      67.3,     205.1,       0.0);
     ( 437141.2, 3711152.2,      68.4,     205.1,       0.0);         ( 437028.2,
3711099.7,      81.7,     205.1,       0.0);
     ( 437368.4, 3711126.5,      67.8,     205.1,       0.0);         ( 437402.1,
3711111.6,      68.1,     205.1,       0.0);
     ( 437354.6, 3711182.0,      68.3,     205.1,       0.0);         ( 437320.5,
3711186.5,      67.5,     205.1,       0.0);
     ( 437286.3, 3711191.0,      65.8,     205.1,       0.0);         ( 437252.2,
3711195.6,      66.0,     205.1,       0.0);
     ( 437218.1, 3711200.1,      67.1,     205.1,       0.0);         ( 437118.6,
3711194.6,      72.5,     205.1,       0.0);
     ( 437024.9, 3711151.1,      84.3,     205.1,       0.0);         ( 436993.7,
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3711136.6,   85.5,   205.1,   0.0);
     (436962.4, 3711122.0,   86.5,   205.1,   0.0);   (437388.6,
3711172.3,   67.7,   205.1,   0.0);
     (437422.3, 3711157.4,   68.3,   205.1,   0.0);   (437374.0,
3711227.8,   68.5,   205.1,   0.0);
     (437338.4, 3711232.6,   68.3,   205.1,   0.0);   (437302.7,
3711237.3,   66.3,   205.1,   0.0);
     (437267.1, 3711242.0,   65.9,   205.1,   0.0);   (437231.4,
3711246.8,   67.1,   205.1,   0.0);
     (437195.7, 3711251.5,   67.1,   205.1,   0.0);   (437125.9,
3711251.0,   74.1,   205.1,   0.0);
     (437028.1, 3711205.5,   84.0,   205.1,   0.0);   (436995.4,
3711190.3,   85.8,   205.1,   0.0);
     (436962.8, 3711175.2,   88.8,   205.1,   0.0);   (436930.2,
3711160.0,   92.7,   205.1,   0.0);
     (437408.8, 3711218.0,   68.0,   205.1,   0.0);   (437442.5,
3711203.1,   69.0,   205.1,   0.0);
     (437394.7, 3711273.5,   68.7,   205.1,   0.0);   (437360.1,
3711278.1,   68.8,   205.1,   0.0);
     (437325.4, 3711282.7,   67.6,   205.1,   0.0);   (437290.7,
3711287.3,   65.3,   205.1,   0.0);
     (437256.0, 3711291.9,   66.9,   205.1,   0.0);   (437221.4,
3711296.5,   67.2,   205.1,   0.0);
     (437186.7, 3711301.1,   67.4,   205.1,   0.0);   (437152.0,
3711305.7,   69.9,   205.1,   0.0);
     (437118.8, 3711300.6,   75.3,   205.1,   0.0);   (437007.8,
3711249.0,   81.1,   205.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (436976.1, 3711234.3,   87.0,   205.1,   0.0);   (436944.4,
3711219.5,   93.2,   205.1,   0.0);
     (436912.7, 3711204.8,   100.1,   204.7,   0.0);   (437428.9,
3711263.8,   69.0,   205.1,   0.0);
     (437462.7, 3711248.9,   70.9,   186.9,   0.0);   (437434.9,
3711365.0,   70.6,   186.8,   0.0);
     (437399.9, 3711369.7,   69.8,   186.9,   0.0);   (437364.8,
3711374.3,   69.2,   186.9,   0.0);
     (437329.8, 3711379.0,   67.2,   204.7,   0.0);   (437294.8,
3711383.6,   66.0,   205.1,   0.0);
     (437259.7, 3711388.3,   67.5,   205.1,   0.0);   (437224.7,

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3711392.9,      67.5,     205.1,       0.0);
     ( 437189.6, 3711397.6,      67.5,     205.1,       0.0);         ( 437154.6,
3711402.2,      71.6,     204.7,       0.0);
     ( 437103.5, 3711399.4,      76.3,     186.9,       0.0);         ( 437007.4,
3711354.7,      79.0,     205.1,       0.0);
     ( 436975.3, 3711339.8,      87.0,     186.9,       0.0);         ( 436943.3,
3711324.9,      94.7,     186.9,       0.0);
     ( 436911.2, 3711310.0,     105.1,     186.8,       0.0);         ( 436879.2,
3711295.1,     115.7,     183.8,       0.0);
     ( 436847.2, 3711280.2,     122.9,     180.7,       0.0);         ( 437469.3,
3711355.3,      72.7,     185.3,       0.0);
     ( 437503.0, 3711340.4,      76.4,     180.7,       0.0);         ( 437475.1,
3711456.5,      73.4,     175.6,       0.0);
     ( 437439.8, 3711461.2,      70.8,     181.5,       0.0);         ( 437404.5,
3711465.9,      70.8,     185.3,       0.0);
     ( 437369.2, 3711470.6,      69.4,     185.9,       0.0);         ( 437333.9,
3711475.3,      67.6,     186.9,       0.0);
     ( 437298.6, 3711480.0,      67.4,     186.9,       0.0);         ( 437263.3,
3711484.6,      67.7,     186.9,       0.0);
     ( 437228.0, 3711489.3,      67.9,     186.9,       0.0);         ( 437192.7,
3711494.0,      68.5,     186.9,       0.0);
     ( 437157.4, 3711498.7,      70.0,     186.9,       0.0);         ( 437122.1,
3711503.4,      71.7,     186.9,       0.0);
     ( 437088.3, 3711498.2,      72.7,     186.9,       0.0);         ( 437007.6,
3711460.7,      81.9,     186.9,       0.0);
     ( 436975.3, 3711445.7,      89.8,     186.8,       0.0);         ( 436943.0,
3711430.6,     103.9,     180.7,       0.0);
     ( 436910.7, 3711415.6,     115.1,     175.6,       0.0);         ( 436878.4,
3711400.6,     122.1,     175.6,       0.0);
     ( 436846.1, 3711385.6,     127.4,     175.6,       0.0);         ( 436813.8,
3711370.6,     134.1,     175.6,       0.0);
     ( 436781.5, 3711355.6,     145.8,     175.6,       0.0);         ( 437509.7,
3711446.8,      77.4,     175.6,       0.0);
     ( 437543.4, 3711431.9,      86.5,     175.6,       0.0);         ( 437515.4,
3711548.0,      74.8,     175.6,       0.0);
     ( 437479.9, 3711552.8,      72.7,     175.6,       0.0);         ( 437444.4,
3711557.5,      71.5,     175.6,       0.0);
     ( 437408.9, 3711562.2,      71.8,     175.6,       0.0);         ( 437373.4,
3711566.9,      69.3,     180.7,       0.0);
     ( 437337.9, 3711571.6,      67.5,     183.8,       0.0);         ( 437302.4,
3711576.3,      68.9,     185.3,       0.0);
     ( 437266.9, 3711581.0,      69.9,     185.3,       0.0);         ( 437231.4,
3711585.7,      70.2,     185.3,       0.0);
     ( 437160.4, 3711595.1,      74.1,     185.3,       0.0);         ( 437124.9,
3711599.9,      80.5,     180.7,       0.0);
     ( 437008.2, 3711566.8,     101.9,     175.6,       0.0);         ( 436975.7,
3711551.7,     105.9,     175.6,       0.0);
     ( 436943.2, 3711536.6,     106.0,     175.6,       0.0);         ( 436910.7,
3711521.5,     109.4,     175.6,       0.0);
     ( 436878.3, 3711506.4,     117.0,     175.6,       0.0);         ( 436845.8,
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3711491.3,   125.4,   175.6,   0.0);
     (436813.3, 3711476.2,   132.4,   175.6,   0.0);   (436780.8,
3711461.1,   143.7,   175.6,   0.0);
     (436748.3, 3711446.0,   160.2,   175.3,   0.0);   (436715.9,
3711430.9,   166.3,   168.7,   0.0);
     (437550.0, 3711538.2,   79.5,   175.6,   0.0);   (437583.8,
3711523.3,   85.0,   175.6,   0.0);
     (437555.7, 3711639.5,   77.9,   175.6,   0.0);   (437520.0,
3711644.3,   72.8,   175.6,   0.0);
     (437484.4, 3711649.0,   72.2,   175.6,   0.0);   (437448.7,
3711653.7,   72.3,   175.6,   0.0);
     (437413.0, 3711658.5,   70.4,   175.6,   0.0);   (437377.4,
3711663.2,   68.8,   175.6,   0.0);
     (437341.7, 3711667.9,   67.3,   175.6,   0.0);   (437306.1,
3711672.7,   69.3,   175.6,   0.0);
     (437270.4, 3711677.4,   70.3,   175.6,   0.0);   (437234.7,
3711682.1,   71.7,   175.6,   0.0);
     (437109.9, 3711698.7,   93.7,   175.6,   0.0);   (437009.0,
3711673.1,   109.2,   175.6,   0.0);
     (436976.4, 3711657.9,   114.0,   175.6,   0.0);   (436943.8,
3711642.8,   118.3,   175.6,   0.0);
     (436911.1, 3711627.6,   122.3,   175.6,   0.0);   (436878.5,
3711612.4,   125.5,   175.6,   0.0);
     (436845.9, 3711597.2,   132.6,   175.6,   0.0);   (436813.3,
3711582.1,   143.3,   175.6,   0.0);
     (436780.6, 3711566.9,   155.6,   175.6,   0.0);   (436748.0,
3711551.7,   167.4,   175.6,   0.0);
     (436715.4, 3711536.6,   168.3,   175.3,   0.0);   (436682.8,
3711521.4,   163.6,   175.3,   0.0);

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

     (436650.2, 3711506.2,   162.5,   175.3,   0.0);   (437590.4,
3711629.7,   91.8,   97.9,   0.0);
     (437624.1, 3711614.8,   97.0,   97.7,   0.0);   (437596.0,
3711731.0,   88.4,   175.6,   0.0);
     (437560.2, 3711735.8,   75.7,   175.6,   0.0);   (437524.4,
3711740.5,   73.4,   175.6,   0.0);
     (437488.6, 3711745.3,   73.4,   175.6,   0.0);   (437452.8,
3711750.0,   72.9,   175.6,   0.0);
     (437417.0, 3711754.8,   70.1,   175.6,   0.0);   (437381.3,

3711759.5,   68.9,   175.6,   0.0);
     (437345.5, 3711764.3,   67.9,   175.6,   0.0);   (437309.7,
3711769.0,   69.7,   175.6,   0.0);
     (437273.9, 3711773.8,   70.0,   175.6,   0.0);   (437238.1,
3711778.5,   71.1,   175.6,   0.0);
     (437094.9, 3711797.5,   89.0,   175.6,   0.0);   (437010.0,
3711779.4,   102.0,   175.6,   0.0);
     (436977.3, 3711764.2,   112.7,   175.6,   0.0);   (436944.5,
3711749.0,   118.0,   175.6,   0.0);
     (436911.8, 3711733.8,   123.1,   175.6,   0.0);   (436879.1,
3711718.5,   129.3,   175.6,   0.0);
     (436846.3, 3711703.3,   137.8,   175.6,   0.0);   (436813.6,
3711688.1,   148.3,   175.6,   0.0);
     (436780.9, 3711672.9,   161.5,   175.6,   0.0);   (436748.1,
3711657.6,   168.4,   175.6,   0.0);
     (436715.4, 3711642.4,   164.8,   175.6,   0.0);   (436682.6,
3711627.2,   162.6,   175.6,   0.0);
     (436649.9, 3711612.0,   162.9,   175.6,   0.0);   (436617.2,
3711596.8,   161.1,   175.6,   0.0);
     (436584.4, 3711581.5,   160.1,   175.3,   0.0);   (437630.8,
3711721.2,   96.9,   96.9,   0.0);
     (437664.5, 3711706.3,   97.3,   97.3,   0.0);   (437636.3,
3711822.5,   88.1,   96.8,   0.0);
     (437600.4, 3711827.3,   77.6,   175.6,   0.0);   (437564.5,
3711832.1,   76.1,   175.6,   0.0);
     (437528.6, 3711836.8,   75.4,   175.6,   0.0);   (437492.7,
3711841.6,   74.6,   175.6,   0.0);
     (437456.8, 3711846.3,   72.6,   175.6,   0.0);   (437420.9,
3711851.1,   70.2,   175.6,   0.0);
     (437385.0, 3711855.9,   69.5,   175.6,   0.0);   (437349.1,
3711860.6,   69.2,   175.6,   0.0);
     (437313.2, 3711865.4,   70.1,   175.6,   0.0);   (437277.3,
3711870.2,   70.4,   175.6,   0.0);
     (437241.5, 3711874.9,   74.0,   175.6,   0.0);   (437062.0,
3711898.8,   89.9,   175.6,   0.0);
     (437011.2, 3711885.9,   97.9,   175.6,   0.0);   (436978.4,
3711870.6,   102.5,   175.6,   0.0);
     (436945.5, 3711855.3,   107.3,   175.6,   0.0);   (436912.7,
3711840.1,   120.5,   175.6,   0.0);
     (436879.8, 3711824.8,   135.2,   175.6,   0.0);   (436847.0,
3711809.5,   147.2,   175.6,   0.0);
     (436814.2, 3711794.2,   149.2,   175.6,   0.0);   (436781.3,
3711779.0,   146.4,   175.6,   0.0);
     (436748.5, 3711763.7,   148.4,   175.6,   0.0);   (436715.7,
3711748.4,   150.8,   175.6,   0.0);
     (436682.8, 3711733.2,   155.2,   175.6,   0.0);   (436650.0,
3711717.9,   161.6,   175.6,   0.0);
     (436617.2, 3711702.6,   161.6,   161.6,   0.0);   (436584.3,
3711687.4,   161.7,   161.7,   0.0);
     (436551.5, 3711672.1,   161.7,   161.7,   0.0);   (436518.7,

3711656.8,   162.0,   162.0,   0.0);
     (437671.1, 3711812.7,   95.8,   95.8,   0.0);   (437704.9,
3711797.8,   96.6,   96.6,   0.0);
     (437676.6, 3711914.0,   78.5,   175.6,   0.0);   (437640.7,
3711918.8,   77.3,   175.6,   0.0);
     (437604.7, 3711923.6,   76.8,   175.6,   0.0);   (437568.7,
3711928.4,   75.8,   175.6,   0.0);
     (437532.7, 3711933.1,   75.3,   175.6,   0.0);   (437496.7,
3711937.9,   75.0,   175.6,   0.0);
     (437460.7, 3711942.7,   72.6,   175.6,   0.0);   (437424.8,
3711947.5,   71.0,   175.6,   0.0);
     (437388.8, 3711952.2,   69.9,   175.6,   0.0);   (437352.8,
3711957.0,   70.5,   175.6,   0.0);
     (437316.8, 3711961.8,   71.8,   175.6,   0.0);   (437280.8,
3711966.6,   77.0,   175.6,   0.0);
     (437244.8, 3711971.3,   82.5,   175.6,   0.0);   (437012.5,
3711992.3,   103.8,   175.6,   0.0);
     (436979.5, 3711977.0,   107.0,   175.6,   0.0);   (436946.6,
3711961.7,   111.2,   175.6,   0.0);
     (436913.7, 3711946.4,   118.7,   175.6,   0.0);   (436880.8,
3711931.1,   117.2,   175.6,   0.0);
     (436847.9, 3711915.8,   128.2,   175.6,   0.0);   (436815.0,
3711900.5,   139.6,   175.6,   0.0);
     (436782.0, 3711885.2,   143.1,   175.6,   0.0);   (436749.1,
3711869.9,   144.2,   175.6,   0.0);
     (436716.2, 3711854.6,   145.8,   175.6,   0.0);   (436683.3,
3711839.3,   148.2,   175.6,   0.0);
     (436650.4, 3711824.0,   148.7,   175.6,   0.0);   (436617.5,
3711808.6,   149.1,   175.6,   0.0);
     (436584.6, 3711793.3,   149.7,   175.6,   0.0);   (436551.6,
3711778.0,   150.2,   175.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (436518.7, 3711762.7,   151.3,   162.0,   0.0);   (436485.8,
3711747.4,   146.1,   175.6,   0.0);
     (436452.9, 3711732.1,   142.9,   175.6,   0.0);   (437711.5,
3711904.2,   85.5,   96.7,   0.0);
     (437745.2, 3711889.3,   95.3,   95.3,   0.0);   (437717.0,
3712005.5,   77.6,   116.5,   0.0);
     (437680.9, 3712010.3,   77.0,   116.5,   0.0);   (437644.8,

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3712015.1,      76.6,     175.6,       0.0);
     ( 437608.8, 3712019.9,      76.3,     175.6,       0.0);         ( 437572.7,
3712024.7,      74.5,     175.6,       0.0);
     ( 437536.7, 3712029.4,      75.7,     175.6,       0.0);         ( 437500.6,
3712034.2,      75.5,     175.6,       0.0);
     ( 437464.5, 3712039.0,      72.4,     175.6,       0.0);         ( 437428.5,
3712043.8,      71.3,     175.6,       0.0);
     ( 437392.4, 3712048.6,      70.6,     175.6,       0.0);         ( 437356.4,
3712053.4,      70.5,     175.6,       0.0);
     ( 437320.3, 3712058.2,      74.2,     175.6,       0.0);         ( 437284.3,
3712062.9,      83.1,     175.6,       0.0);
     ( 437248.2, 3712067.7,      87.6,     175.6,       0.0);         ( 437031.8,
3712096.4,     109.3,     175.6,       0.0);
     ( 436997.3, 3712091.2,     118.1,     175.6,       0.0);         ( 436964.3,
3712075.8,     128.3,     147.1,       0.0);
     ( 436931.3, 3712060.5,     139.2,     147.1,       0.0);         ( 436898.4,
3712045.1,     145.1,     146.9,       0.0);
     ( 436865.4, 3712029.8,     143.9,     143.9,       0.0);         ( 436832.4,
3712014.5,     143.5,     143.5,       0.0);
     ( 436799.4, 3711999.1,     142.5,     142.5,       0.0);         ( 436766.4,
3711983.8,     141.8,     141.8,       0.0);
     ( 436733.5, 3711968.5,     141.8,     141.8,       0.0);         ( 436700.5,
3711953.1,     142.1,     175.6,       0.0);
     ( 436667.5, 3711937.8,     142.9,     175.6,       0.0);         ( 436634.5,
3711922.4,     143.0,     175.6,       0.0);
     ( 436601.5, 3711907.1,     141.6,     175.6,       0.0);         ( 436568.5,
3711891.8,     138.9,     175.6,       0.0);
     ( 436535.5, 3711876.4,     136.0,     175.6,       0.0);         ( 436502.6,
3711861.1,     131.6,     175.6,       0.0);
     ( 436469.6, 3711845.8,     128.0,     175.6,       0.0);         ( 436436.6,
3711830.4,     125.3,     175.6,       0.0);
     ( 436403.6, 3711815.1,     120.6,     175.6,       0.0);         ( 436370.6,
3711799.7,     120.2,     175.6,       0.0);
     ( 437751.9, 3711995.7,      79.0,     116.5,       0.0);         ( 437785.6,
3711980.8,      91.0,      95.3,       0.0);
     ( 437757.3, 3712097.0,      77.0,     116.9,       0.0);         ( 437721.2,
3712101.8,      75.6,     116.5,       0.0);
     ( 437685.1, 3712106.6,      74.6,     116.5,       0.0);         ( 437648.9,
3712111.4,      73.6,     116.5,       0.0);
     ( 437612.8, 3712116.2,      72.7,     175.6,       0.0);         ( 437576.7,
3712121.0,      72.6,     175.6,       0.0);
     ( 437540.6, 3712125.8,      75.2,     175.6,       0.0);         ( 437504.4,
3712130.6,      74.4,     175.6,       0.0);
     ( 437468.3, 3712135.4,      72.0,     175.6,       0.0);         ( 437432.2,
3712140.2,      71.8,     175.6,       0.0);
     ( 437396.1, 3712145.0,      71.3,     175.6,       0.0);         ( 437359.9,
3712149.8,      75.0,     175.6,       0.0);
     ( 437323.8, 3712154.5,      81.8,     175.6,       0.0);         ( 437287.7,
3712159.3,      84.2,     175.6,       0.0);
     ( 437251.6, 3712164.1,      86.0,     175.6,       0.0);         ( 437034.8,
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3712192.9,   106.1,   175.6,   0.0);
     (436982.2, 3712190.0,   124.8,   155.8,   0.0);   (436949.1,
3712174.6,   138.7,   147.1,   0.0);
     (436916.1, 3712159.3,   144.6,   144.6,   0.0);   (436883.0,
3712143.9,   145.2,   145.2,   0.0);
     (436850.0, 3712128.5,   145.3,   145.3,   0.0);   (436817.0,
3712113.2,   144.4,   144.4,   0.0);
     (436783.9, 3712097.8,   143.2,   143.2,   0.0);   (436750.9,
3712082.4,   141.7,   141.7,   0.0);
     (436717.8, 3712067.1,   140.5,   140.5,   0.0);   (436684.8,
3712051.7,   139.0,   139.0,   0.0);
     (436651.8, 3712036.3,   136.7,   136.7,   0.0);   (436618.7,
3712021.0,   136.2,   136.2,   0.0);
     (436585.7, 3712005.6,   136.6,   136.6,   0.0);   (436552.6,
3711990.2,   132.0,   175.6,   0.0);
     (436519.6, 3711974.9,   121.0,   175.6,   0.0);   (436486.5,
3711959.5,   116.1,   175.6,   0.0);
     (436453.5, 3711944.1,   114.0,   175.6,   0.0);   (436420.5,
3711928.8,   112.2,   175.6,   0.0);
     (436387.4, 3711913.4,   111.1,   175.6,   0.0);   (436354.4,
3711898.1,   110.5,   175.6,   0.0);
     (436321.3, 3711882.7,   110.3,   175.6,   0.0);   (437792.2,
3712087.2,   80.1,   116.9,   0.0);
     (437826.0, 3712072.3,   85.6,   116.5,   0.0);   (437797.6,
3712188.5,   78.7,   117.9,   0.0);
     (437761.5, 3712193.3,   77.0,   117.9,   0.0);   (437725.3,
3712198.1,   75.2,   116.9,   0.0);
     (437689.1, 3712202.9,   74.6,   116.5,   0.0);   (437652.9,
3712207.7,   74.2,   116.5,   0.0);
     (437616.8, 3712212.5,   74.2,   147.1,   0.0);   (437580.6,
3712217.3,   74.3,   155.6,   0.0);
     (437544.4, 3712222.1,   77.4,   155.6,   0.0);   (437508.2,
3712226.9,   75.5,   175.6,   0.0);

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

     (437472.0, 3712231.7,   73.5,   175.6,   0.0);   (437435.8,
3712236.5,   73.7,   175.6,   0.0);
     (437399.7, 3712241.3,   71.9,   175.6,   0.0);   (437363.5,
3712246.1,   77.4,   175.6,   0.0);
     (437327.3, 3712250.9,   86.9,   175.6,   0.0);   (437291.1,

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3712255.7,      90.0,     175.6,       0.0);
     ( 437254.9, 3712260.5,      93.0,     175.6,       0.0);         ( 437037.9,
3712289.3,     106.5,     155.8,       0.0);
     ( 437001.7, 3712294.1,     111.7,     155.8,       0.0);         ( 436967.0,
3712288.8,     118.0,     155.8,       0.0);
     ( 436934.0, 3712273.5,     125.1,     155.8,       0.0);         ( 436900.8,
3712258.1,     130.9,     155.8,       0.0);
     ( 436867.8, 3712242.7,     135.1,     155.8,       0.0);         ( 436834.7,
3712227.3,     136.2,     155.8,       0.0);
     ( 436801.6, 3712211.9,     136.7,     155.8,       0.0);         ( 436768.5,
3712196.5,     135.8,     155.8,       0.0);
     ( 436735.4, 3712181.1,     135.1,     155.8,       0.0);         ( 436702.3,
3712165.7,     136.6,     155.1,       0.0);
     ( 436669.2, 3712150.3,     138.1,     150.4,       0.0);         ( 436636.1,
3712134.9,     138.8,     155.8,       0.0);
     ( 436603.0, 3712119.6,     139.0,     156.1,       0.0);         ( 436569.9,
3712104.2,     138.7,     156.1,       0.0);
     ( 436536.8, 3712088.8,     138.1,     156.1,       0.0);         ( 436503.7,
3712073.4,     137.7,     156.1,       0.0);
     ( 436470.6, 3712058.0,     139.5,     156.1,       0.0);         ( 436437.5,
3712042.6,     140.0,     154.4,       0.0);
     ( 436404.4, 3712027.2,     136.4,     156.1,       0.0);         ( 436371.3,
3712011.8,     132.4,     156.1,       0.0);
     ( 436338.2, 3711996.4,     127.2,     161.3,       0.0);         ( 436305.2,
3711981.0,     121.1,     162.0,       0.0);
     ( 436272.1, 3711965.7,     119.4,     162.0,       0.0);         ( 436239.0,
3711950.3,     124.1,     161.3,       0.0);
     ( 437832.6, 3712178.7,      80.5,     117.9,       0.0);         ( 437866.3,
3712163.8,      85.6,     117.9,       0.0);
     ( 437307.3, 3710801.2,      74.3,     205.1,       0.0);         ( 437307.8,
3710761.2,      75.0,     210.9,       0.0);
     ( 437305.1, 3710736.3,      75.1,     211.6,       0.0);         ( 437302.4,
3710711.5,      75.0,     211.6,       0.0);
     ( 437299.6, 3710686.7,      74.8,     211.6,       0.0);         ( 437296.9,
3710661.9,      74.3,     211.6,       0.0);
     ( 437294.2, 3710637.1,      73.7,     211.6,       0.0);         ( 437356.0,
3710800.8,      74.3,     205.1,       0.0);
     ( 437332.1, 3710855.2,      72.7,     205.1,       0.0);         ( 437357.5,
3710755.7,      75.3,     210.9,       0.0);
     ( 437354.8, 3710730.9,      75.5,     211.6,       0.0);         ( 437352.1,
3710706.1,      75.6,     211.6,       0.0);
     ( 437349.3, 3710681.3,      75.6,     211.6,       0.0);         ( 437346.6,
3710656.5,      75.7,     211.6,       0.0);
     ( 437343.9, 3710631.7,      75.7,     211.6,       0.0);         ( 437405.2,
3710797.9,      82.7,     205.1,       0.0);
     ( 437400.4, 3710820.7,      82.0,     205.1,       0.0);         ( 437395.6,
3710843.5,      81.2,     205.1,       0.0);
     ( 437373.5, 3710881.9,      73.8,     205.1,       0.0);         ( 437356.1,
3710897.5,      71.3,     205.1,       0.0);
     ( 437338.7, 3710913.1,      71.0,     205.1,       0.0);         ( 437409.9,
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3710775.0,   84.9,   205.1,   0.0);
     (437407.2, 3710750.2,   87.2,   205.1,   0.0);   (437404.5,
3710725.4,   88.0,   205.1,   0.0);
     (437401.8, 3710700.6,   87.0,   205.1,   0.0);   (437399.0,
3710675.8,   85.5,   205.1,   0.0);
     (437396.3, 3710651.0,   83.8,   210.9,   0.0);   (437393.6,
3710626.2,   81.6,   211.6,   0.0);
     (437454.5, 3710793.9,   88.9,   205.1,   0.0);   (437449.4,
3710818.3,   86.3,   205.1,   0.0);
     (437444.3, 3710842.6,   87.2,   205.1,   0.0);   (437439.2,
3710867.0,   87.2,   205.1,   0.0);
     (437415.6, 3710907.9,   78.0,   205.1,   0.0);   (437397.1,
3710924.5,   76.3,   205.1,   0.0);
     (437378.6, 3710941.2,   72.3,   205.1,   0.0);   (437360.1,
3710957.8,   69.6,   205.1,   0.0);
     (437459.6, 3710769.6,   91.9,   205.1,   0.0);   (437456.9,
3710744.8,   93.4,   205.1,   0.0);
     (437454.2, 3710719.9,   94.1,   205.1,   0.0);   (437451.5,
3710695.1,   94.2,   205.1,   0.0);
     (437448.7, 3710670.3,   93.8,   205.1,   0.0);   (437446.0,
3710645.5,   92.9,   205.1,   0.0);
     (437443.3, 3710620.7,   90.9,   205.1,   0.0);   (437504.8,
3710785.8,   91.9,   205.1,   0.0);
     (437495.7, 3710829.3,   92.5,   205.1,   0.0);   (437486.5,
3710872.8,   90.4,   205.1,   0.0);
     (437460.9, 3710931.1,   80.4,   205.1,   0.0);   (437427.9,
3710960.8,   78.8,   205.1,   0.0);
     (437394.8, 3710990.5,   72.3,   205.1,   0.0);   (437506.6,
3710739.3,   90.0,   205.1,   0.0);
     (437503.9, 3710714.5,   90.0,   205.1,   0.0);   (437501.2,
3710689.7,   90.1,   205.1,   0.0);
     (437498.4, 3710664.9,   90.4,   205.1,   0.0);   (437495.7,
3710640.1,   89.4,   205.1,   0.0);
     (437493.0, 3710615.3,   87.4,   205.1,   0.0);   (437554.3,
3710781.5,   87.0,   205.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (437549.5, 3710804.3,   88.5,   205.1,   0.0);   (437544.7,
3710827.1,   89.9,   205.1,   0.0);
     (437539.9, 3710849.9,   90.8,   204.7,   0.0);   (437535.1,

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3710872.8,      91.1,     180.7,       0.0);
     ( 437530.3, 3710895.6,      91.2,     180.7,       0.0);         ( 437525.5,
3710918.4,      91.0,     180.7,       0.0);
     ( 437503.4, 3710956.8,      86.8,     204.7,       0.0);         ( 437486.0,
3710972.4,      84.0,     205.1,       0.0);
     ( 437468.7, 3710988.0,      83.5,     205.1,       0.0);         ( 437451.3,
3711003.6,      83.7,     205.1,       0.0);
     ( 437434.0, 3711019.1,      78.9,     205.1,       0.0);         ( 437416.6,
3711034.7,      73.1,     205.1,       0.0);
     ( 437399.3, 3711050.3,      69.6,     205.1,       0.0);         ( 437559.0,
3710758.6,      85.9,     205.1,       0.0);
     ( 437556.3, 3710733.8,      85.3,     205.1,       0.0);         ( 437553.6,
3710709.0,      84.9,     205.1,       0.0);
     ( 437550.9, 3710684.2,      84.7,     205.1,       0.0);         ( 437548.1,
3710659.4,      84.6,     205.1,       0.0);
     ( 437545.4, 3710634.6,      84.5,     205.1,       0.0);         ( 437542.7,
3710609.8,      83.9,     205.1,       0.0);
     ( 437603.8, 3710776.8,      84.5,     205.1,       0.0);         ( 437598.8,
3710800.5,      85.2,     205.1,       0.0);
     ( 437593.8, 3710824.2,      85.9,     205.1,       0.0);         ( 437588.9,
3710847.8,      86.5,     205.1,       0.0);
     ( 437583.9, 3710871.5,      87.9,     180.7,       0.0);         ( 437579.0,
3710895.2,      88.8,      88.8,       0.0);
     ( 437574.0, 3710918.9,      89.7,      89.7,       0.0);         ( 437569.0,
3710942.5,      90.6,      90.6,       0.0);
     ( 437546.1, 3710982.4,      92.0,      92.0,       0.0);         ( 437528.1,
3710998.5,      91.7,      91.7,       0.0);
     ( 437510.1, 3711014.7,      89.9,     180.7,       0.0);         ( 437492.1,
3711030.8,      88.5,     185.3,       0.0);
     ( 437474.1, 3711047.0,      87.3,     185.3,       0.0);         ( 437456.1,
3711063.2,      81.2,     205.1,       0.0);
     ( 437438.1, 3711079.3,      74.5,     205.1,       0.0);         ( 437420.1,
3711095.5,      70.0,     205.1,       0.0);
     ( 437608.7, 3710753.2,      84.4,     205.1,       0.0);         ( 437606.0,
3710728.4,      84.1,     205.1,       0.0);
     ( 437603.3, 3710703.5,      83.7,     205.1,       0.0);         ( 437600.6,
3710678.8,      83.4,     205.1,       0.0);
     ( 437597.8, 3710653.9,      83.0,     205.1,       0.0);         ( 437595.1,
3710629.1,      82.0,     205.1,       0.0);
     ( 437592.4, 3710604.3,      78.6,     205.1,       0.0);         ( 437653.3,
3710772.0,      77.6,     205.1,       0.0);
     ( 437648.2, 3710796.4,      75.5,     205.1,       0.0);         ( 437643.1,
3710820.7,      76.0,     205.1,       0.0);
     ( 437638.0, 3710845.1,      78.9,     205.1,       0.0);         ( 437632.9,
3710869.4,      83.1,     204.7,       0.0);
     ( 437627.8, 3710893.8,      86.5,      88.4,       0.0);         ( 437622.7,
3710918.1,      88.7,      88.7,       0.0);
     ( 437617.6, 3710942.5,      89.7,      89.7,       0.0);         ( 437612.5,
3710966.8,      90.8,      90.8,       0.0);
     ( 437588.9, 3711007.8,      93.1,      93.1,       0.0);         ( 437570.4,
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3711024.4,   94.1,   94.1,   0.0);
     (437551.9, 3711041.0,   94.6,   94.6,   0.0);   (437533.4,
3711057.7,   94.2,   94.2,   0.0);
     (437514.8, 3711074.3,   93.6,   93.6,   0.0);   (437496.3,
3711090.9,   93.0,   95.7,   0.0);
     (437477.8, 3711107.5,   86.1,   185.3,   0.0);   (437459.3,
3711124.1,   77.9,   205.1,   0.0);
     (437440.8, 3711140.8,   70.8,   205.1,   0.0);   (437658.4,
3710747.7,   79.6,   205.1,   0.0);
     (437655.7, 3710722.9,   81.2,   205.1,   0.0);   (437653.0,
3710698.1,   81.6,   205.1,   0.0);
     (437650.3, 3710673.3,   81.0,   205.1,   0.0);   (437647.5,
3710648.5,   80.0,   205.1,   0.0);
     (437644.8, 3710623.7,   78.6,   205.1,   0.0);   (437642.1,
3710598.9,   75.4,   210.9,   0.0);
     (437703.4, 3710765.1,   69.9,   205.1,   0.0);   (437698.6,
3710787.9,   70.3,   205.1,   0.0);
     (437693.8, 3710810.7,   70.5,   205.1,   0.0);   (437689.0,
3710833.5,   71.2,   205.1,   0.0);
     (437684.2, 3710856.4,   73.4,   205.1,   0.0);   (437679.4,
3710879.2,   77.7,   204.7,   0.0);
     (437674.6, 3710902.0,   81.9,   95.8,   0.0);   (437669.9,
3710924.8,   84.4,   95.8,   0.0);
     (437665.1, 3710947.7,   87.0,   94.0,   0.0);   (437660.3,
3710970.5,   90.3,   90.3,   0.0);
     (437655.5, 3710993.3,   92.1,   92.1,   0.0);   (437633.4,
3711031.7,   94.3,   94.3,   0.0);
     (437616.0, 3711047.3,   94.9,   94.9,   0.0);   (437598.7,
3711062.9,   95.8,   95.8,   0.0);
     (437581.3, 3711078.5,   96.6,   96.6,   0.0);   (437564.0,
3711094.1,   96.9,   96.9,   0.0);
     (437546.6, 3711109.6,   95.7,   95.7,   0.0);   (437529.2,
3711125.2,   93.0,   96.6,   0.0);
     (437511.9, 3711140.8,   86.7,   180.7,   0.0);   (437494.5,
3711156.4,   81.2,   185.3,   0.0);
     (437477.2, 3711172.0,   77.2,   186.9,   0.0);   (437459.8,
3711187.5,   72.3,   205.1,   0.0);

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

     (437708.1, 3710742.2,   69.5,   205.1,   0.0);   (437705.4,

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3710717.4,      69.5,     205.1,       0.0);
     ( 437702.7, 3710692.6,      70.0,     205.1,       0.0);         ( 437700.0,
3710667.8,      70.6,     205.1,       0.0);
     ( 437697.2, 3710643.0,      70.5,     205.1,       0.0);         ( 437694.5,
3710618.2,      69.7,     211.6,       0.0);
     ( 437691.8, 3710593.4,      68.4,     211.6,       0.0);         ( 437752.9,
3710760.2,      69.4,     205.1,       0.0);
     ( 437748.0, 3710783.6,      69.6,     205.1,       0.0);         ( 437743.1,
3710807.0,      70.1,     205.1,       0.0);
     ( 437738.2, 3710830.4,      70.4,     205.1,       0.0);         ( 437733.3,
3710853.8,      70.5,     205.1,       0.0);
     ( 437728.4, 3710877.2,      70.6,     205.1,       0.0);         ( 437723.5,
3710900.6,      71.5,     205.1,       0.0);
     ( 437718.6, 3710924.1,      73.2,     180.7,       0.0);         ( 437713.7,
3710947.5,      77.1,     100.3,       0.0);
     ( 437708.8, 3710970.9,      84.8,      99.3,       0.0);         ( 437703.8,
3710994.3,      92.0,      95.8,       0.0);
     ( 437698.9, 3711017.7,      94.9,      94.9,       0.0);         ( 437676.2,
3711057.1,      95.8,      95.8,       0.0);
     ( 437658.4, 3711073.1,      96.2,      96.2,       0.0);         ( 437640.6,
3711089.1,      96.8,      96.8,       0.0);
     ( 437622.8, 3711105.0,      97.3,      97.3,       0.0);         ( 437605.0,
3711121.0,      97.7,      97.7,       0.0);
     ( 437587.2, 3711137.0,      94.4,      97.8,       0.0);         ( 437569.5,
3711153.0,      88.6,      98.2,       0.0);
     ( 437551.7, 3711169.0,      83.3,     175.6,       0.0);         ( 437533.9,
3711184.9,      80.1,     180.7,       0.0);
     ( 437516.1, 3711200.9,      79.4,     181.5,       0.0);         ( 437498.3,
3711216.9,      78.8,     185.3,       0.0);
     ( 437480.5, 3711232.9,      74.6,     186.8,       0.0);         ( 437757.8,
3710736.8,      68.9,     205.1,       0.0);
     ( 437755.1, 3710712.0,      68.4,     205.1,       0.0);         ( 437752.4,
3710687.1,      68.2,     205.1,       0.0);
     ( 437749.7, 3710662.3,      68.1,     205.1,       0.0);         ( 437746.9,
3710637.5,      67.9,     205.1,       0.0);
     ( 437744.2, 3710612.7,      67.4,     210.9,       0.0);         ( 437741.5,
3710587.9,      66.9,     211.6,       0.0);
     ( 437852.1, 3710750.2,      68.6,     204.7,       0.0);         ( 437847.0,
3710774.5,      68.8,     204.7,       0.0);
     ( 437841.9, 3710798.9,      69.0,     198.3,       0.0);         ( 437836.8,
3710823.2,      69.4,     198.3,       0.0);
     ( 437831.7, 3710847.6,      69.6,     198.3,       0.0);         ( 437826.6,
3710871.9,      70.3,     185.0,       0.0);
     ( 437821.5, 3710896.3,      70.6,     185.0,       0.0);         ( 437816.4,
3710920.6,      70.9,     183.8,       0.0);
     ( 437811.3, 3710945.0,      71.1,     149.7,       0.0);         ( 437806.2,
3710969.3,      71.5,     149.7,       0.0);
     ( 437801.1, 3710993.7,      71.6,     148.6,       0.0);         ( 437796.0,
3711018.0,      72.2,     136.4,       0.0);
     ( 437790.9, 3711042.3,      74.7,     102.7,       0.0);         ( 437785.8,
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3711066.7,   80.5,   102.2,   0.0);
     (437762.2, 3711107.7,   97.2,   99.7,   0.0);   (437743.7,
3711124.3,   99.8,   99.8,   0.0);
     (437725.1, 3711140.9,   99.2,   99.2,   0.0);   (437706.6,
3711157.5,   96.5,   99.1,   0.0);
     (437688.1, 3711174.2,   91.3,   100.7,   0.0);   (437669.6,
3711190.8,   86.4,   101.6,   0.0);
     (437651.1, 3711207.4,   85.0,   101.6,   0.0);   (437632.6,
3711224.0,   84.4,   101.1,   0.0);
     (437614.1, 3711240.6,   84.9,   100.4,   0.0);   (437595.6,
3711257.3,   84.5,   100.4,   0.0);
     (437577.1, 3711273.9,   81.6,   175.6,   0.0);   (437558.6,
3711290.5,   80.0,   175.6,   0.0);
     (437540.1, 3711307.1,   78.9,   175.6,   0.0);   (437521.5,
3711323.8,   78.5,   175.6,   0.0);
     (437857.2, 3710725.8,   68.3,   205.1,   0.0);   (437854.5,
3710701.0,   68.1,   205.1,   0.0);
     (437851.8, 3710676.2,   68.0,   205.1,   0.0);   (437849.1,
3710651.4,   67.7,   205.1,   0.0);
     (437846.3, 3710626.6,   67.3,   205.1,   0.0);   (437843.6,
3710601.8,   67.3,   205.1,   0.0);
     (437840.9, 3710577.0,   67.0,   205.1,   0.0);   (437951.7,
3710738.6,   68.4,   208.6,   0.0);
     (437946.7, 3710762.2,   68.6,   208.6,   0.0);   (437941.8,
3710785.9,   69.0,   207.2,   0.0);
     (437936.8, 3710809.6,   69.1,   207.2,   0.0);   (437931.8,
3710833.3,   69.1,   207.0,   0.0);
     (437926.9, 3710856.9,   69.5,   204.7,   0.0);   (437921.9,
3710880.6,   70.0,   198.3,   0.0);
     (437916.9, 3710904.3,   70.2,   198.3,   0.0);   (437912.0,
3710927.9,   70.4,   198.3,   0.0);
     (437907.0, 3710951.6,   70.6,   198.3,   0.0);   (437902.0,
3710975.3,   71.0,   198.3,   0.0);
     (437897.1, 3710999.0,   71.3,   198.3,   0.0);   (437892.1,
3711022.6,   71.7,   189.8,   0.0);
     (437887.2, 3711046.3,   71.9,   187.9,   0.0);   (437882.2,
3711070.0,   72.1,   173.5,   0.0);
     (437877.2, 3711093.6,   72.8,   149.7,   0.0);   (437872.3,
3711117.3,   74.3,   149.7,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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     ( 437849.3, 3711157.1,      85.0,     102.7,       0.0);         ( 437831.3,
3711173.3,      94.6,     101.7,       0.0);
     ( 437813.3, 3711189.5,     100.2,     100.2,       0.0);         ( 437795.3,
3711205.6,     101.1,     101.1,       0.0);
     ( 437777.3, 3711221.8,     100.7,     100.7,       0.0);         ( 437759.3,
3711237.9,      98.2,     100.9,       0.0);
     ( 437741.3, 3711254.1,      95.6,     101.1,       0.0);         ( 437723.4,
3711270.3,      97.1,      98.4,       0.0);
     ( 437705.4, 3711286.4,      98.7,      98.7,       0.0);         ( 437687.4,
3711302.6,      98.1,      98.1,       0.0);
     ( 437669.4, 3711318.7,      97.4,      97.4,       0.0);         ( 437651.4,
3711334.9,      97.2,      97.2,       0.0);
     ( 437633.4, 3711351.1,      96.4,      96.4,       0.0);         ( 437615.4,
3711367.2,      94.6,      99.6,       0.0);
     ( 437597.4, 3711383.4,      92.1,      99.9,       0.0);         ( 437579.4,
3711399.5,      89.1,     175.6,       0.0);
     ( 437561.4, 3711415.7,      88.1,     175.6,       0.0);         ( 437956.6,
3710714.9,      68.3,     208.6,       0.0);
     ( 437953.9, 3710690.1,      68.1,     208.6,       0.0);         ( 437951.2,
3710665.3,      67.7,     208.6,       0.0);
     ( 437948.5, 3710640.5,      67.6,     208.6,       0.0);         ( 437945.7,
3710615.7,      67.3,     208.6,       0.0);
     ( 437943.0, 3710590.9,      66.9,     208.6,       0.0);         ( 437940.3,
3710566.1,      66.8,     208.6,       0.0);
     ( 438050.9, 3710728.3,      69.5,     208.6,       0.0);         ( 438045.8,
3710752.7,      69.7,     208.6,       0.0);
     ( 438040.7, 3710777.0,      69.2,     208.6,       0.0);         ( 438035.6,
3710801.4,      69.0,     208.6,       0.0);
     ( 438030.5, 3710825.7,      69.1,     208.6,       0.0);         ( 438025.4,
3710850.1,      69.7,     208.6,       0.0);
     ( 438020.3, 3710874.4,      70.2,     208.6,       0.0);         ( 438015.2,
3710898.8,      70.7,     208.6,       0.0);
     ( 438010.1, 3710923.1,      71.1,     208.6,       0.0);         ( 438005.0,
3710947.4,      71.3,     207.2,       0.0);
     ( 437999.9, 3710971.8,      71.5,     207.0,       0.0);         ( 437994.8,
3710996.1,      71.2,     198.3,       0.0);
     ( 437989.7, 3711020.5,      71.4,     198.3,       0.0);         ( 437984.6,
3711044.8,      71.7,     198.3,       0.0);
     ( 437979.5, 3711069.2,      71.8,     198.3,       0.0);         ( 437974.4,
3711093.5,      71.9,     198.3,       0.0);
     ( 437969.3, 3711117.9,      72.1,     198.3,       0.0);         ( 437964.2,
3711142.2,      72.2,     198.3,       0.0);
     ( 437959.1, 3711166.6,      72.4,     197.0,       0.0);         ( 437935.5,
3711207.5,      74.3,     189.8,       0.0);
     ( 437916.9, 3711224.2,      79.4,     103.3,       0.0);         ( 437898.4,
3711240.8,      86.5,     103.3,       0.0);
     ( 437879.9, 3711257.4,      94.8,     102.7,       0.0);         ( 437861.4,
3711274.0,     101.2,     102.1,       0.0);
     ( 437842.9, 3711290.6,     102.3,     102.3,       0.0);         ( 437824.4,
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3711307.3,   102.1,   102.1,   0.0);
     (437805.9, 3711323.9,   101.7,   101.7,   0.0);   (437787.4,
3711340.5,   101.4,   101.4,   0.0);
     (437768.9, 3711357.1,   101.4,   101.4,   0.0);   (437750.4,
3711373.8,   101.2,   101.2,   0.0);
     (437731.8, 3711390.4,   100.2,   100.2,   0.0);   (437713.3,
3711407.0,   99.6,   99.6,   0.0);
     (437694.8, 3711423.6,   99.5,   99.5,   0.0);   (437676.3,
3711440.2,   99.2,   99.2,   0.0);
     (437657.8, 3711456.9,   99.0,   99.0,   0.0);   (437639.3,
3711473.5,   97.8,   99.8,   0.0);
     (437620.8, 3711490.1,   96.4,   99.8,   0.0);   (437602.3,
3711506.7,   92.3,   99.8,   0.0);
     (438056.0, 3710704.0,   68.7,   208.6,   0.0);   (438053.3,
3710679.2,   68.4,   208.6,   0.0);
     (438050.6, 3710654.4,   68.4,   208.6,   0.0);   (438047.9,
3710629.5,   68.5,   208.6,   0.0);
     (438045.1, 3710604.7,   68.8,   208.6,   0.0);   (438042.4,
3710579.9,   68.9,   208.6,   0.0);
     (438039.7, 3710555.1,   69.0,   208.6,   0.0);   (438150.5,
3710716.9,   80.4,   208.6,   0.0);
     (438145.5, 3710740.7,   76.4,   208.6,   0.0);   (438140.5,
3710764.5,   72.5,   208.6,   0.0);
     (438135.5, 3710788.3,   69.7,   208.6,   0.0);   (438130.5,
3710812.1,   69.5,   208.6,   0.0);
     (438125.5, 3710835.9,   70.8,   208.6,   0.0);   (438120.5,
3710859.8,   71.4,   208.6,   0.0);
     (438115.5, 3710883.6,   71.5,   208.6,   0.0);   (438110.5,
3710907.4,   71.4,   208.6,   0.0);
     (438105.5, 3710931.2,   71.7,   208.6,   0.0);   (438100.5,
3710955.0,   71.7,   208.6,   0.0);
     (438095.5, 3710978.9,   71.7,   208.6,   0.0);   (438090.5,
3711002.7,   71.8,   208.6,   0.0);
     (438085.5, 3711026.5,   72.0,   208.6,   0.0);   (438080.5,
3711050.3,   71.8,   208.6,   0.0);
     (438075.5, 3711074.1,   71.7,   208.6,   0.0);   (438070.5,
3711097.9,   71.9,   207.0,   0.0);
     (438065.6, 3711121.8,   72.2,   198.3,   0.0);   (438060.6,
3711145.6,   72.2,   198.3,   0.0);
     (438055.6, 3711169.4,   72.2,   198.3,   0.0);   (438050.6,
3711193.2,   72.5,   198.3,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***

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

(438045.6, 3711217.0, 73.0, 198.3, 0.0); (438022.5, 3711257.1, 73.7, 197.0, 0.0);
(438004.4, 3711273.4, 74.1, 197.0, 0.0); (437986.3, 3711289.6, 75.6, 189.8, 0.0);
(437968.2, 3711305.9, 78.4, 173.5, 0.0); (437950.1, 3711322.2, 85.2, 103.3, 0.0);
(437932.0, 3711338.4, 93.6, 103.3, 0.0); (437913.8, 3711354.7, 99.8, 102.3, 0.0);
(437895.7, 3711370.9, 102.2, 102.2, 0.0); (437877.6, 3711387.2, 102.0, 102.0, 0.0);
(437859.5, 3711403.5, 101.6, 101.6, 0.0); (437841.4, 3711419.7, 101.5, 101.5, 0.0);
(437823.3, 3711436.0, 101.6, 101.6, 0.0); (437805.2, 3711452.2, 102.0, 102.0, 0.0);
(437787.1, 3711468.5, 102.0, 102.0, 0.0); (437769.0, 3711484.8, 100.2, 100.2, 0.0);
(437750.9, 3711501.0, 98.1, 101.7, 0.0); (437732.8, 3711517.3, 97.2, 97.2, 0.0);
(437714.7, 3711533.5, 97.2, 97.2, 0.0); (437696.6, 3711549.8, 97.2, 97.2, 0.0);
(437678.5, 3711566.1, 97.5, 97.5, 0.0); (437660.4, 3711582.3, 97.5, 97.5, 0.0);
(437642.2, 3711598.6, 97.1, 97.1, 0.0); (438155.5, 3710693.0, 85.8, 208.6, 0.0);
(438152.7, 3710668.2, 90.8, 207.6, 0.0); (438150.0, 3710643.4, 91.7, 207.6, 0.0);
(438147.3, 3710618.6, 87.3, 208.6, 0.0); (438144.5, 3710593.8, 79.6, 208.6, 0.0);
(438141.8, 3710569.0, 76.1, 208.6, 0.0); (438139.1, 3710544.2, 74.3, 208.6, 0.0);
(438249.7, 3710706.4, 116.8, 185.0, 0.0); (438244.6, 3710730.8, 108.8, 198.3, 0.0);
(438239.5, 3710755.1, 100.8, 207.0, 0.0); (438234.4, 3710779.5, 93.3, 208.6, 0.0);
(438229.3, 3710803.8, 86.6, 208.6, 0.0); (438224.2, 3710828.2, 80.3, 208.6, 0.0);
(438219.1, 3710852.5, 74.2, 208.6, 0.0); (438214.0, 3710876.9, 69.7, 208.6, 0.0);
(438208.9, 3710901.2, 71.5, 208.6, 0.0); (438203.8, 3710925.6, 72.4, 208.6, 0.0);
(438198.7, 3710949.9, 72.8, 208.6, 0.0); (438193.6, 3710974.3, 73.0, 208.6, 0.0);
(438188.5, 3710998.6, 73.1, 208.6, 0.0); (438183.4, 3711023.0, 73.3, 208.6, 0.0);
(438178.3, 3711047.3, 73.1, 208.6, 0.0); (438173.2, 3711071.7, 72.8, 208.6, 0.0);
(438168.1, 3711096.0, 72.7, 208.6, 0.0); (438163.0,

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3711120.4,      72.8,     208.6,       0.0);
     ( 438157.9, 3711144.7,      73.3,     208.6,       0.0);         ( 438152.8,
3711169.1,      73.8,     208.6,       0.0);
     ( 438147.6, 3711193.4,      74.2,     207.0,       0.0);         ( 438142.5,
3711217.8,      74.0,     198.3,       0.0);
     ( 438137.4, 3711242.1,      73.9,     198.3,       0.0);         ( 438132.3,
3711266.4,      73.9,     198.3,       0.0);
     ( 438108.7, 3711307.4,      74.3,     198.3,       0.0);         ( 438090.2,
3711324.0,      75.5,     197.0,       0.0);
     ( 438071.7, 3711340.7,      77.7,     197.0,       0.0);         ( 438053.2,
3711357.3,      79.9,     196.1,       0.0);
     ( 438034.7, 3711373.9,      84.0,     103.3,       0.0);         ( 438016.2,
3711390.5,      91.7,     103.3,       0.0);
     ( 437997.7, 3711407.1,      98.2,     102.9,       0.0);         ( 437979.2,
3711423.8,     101.0,     101.0,       0.0);
     ( 437960.6, 3711440.4,     102.5,     102.5,       0.0);         ( 437942.1,
3711457.0,     102.9,     102.9,       0.0);
     ( 437923.6, 3711473.6,     102.8,     102.8,       0.0);         ( 437905.1,
3711490.2,     102.6,     102.6,       0.0);
     ( 437886.6, 3711506.9,     102.3,     102.3,       0.0);         ( 437868.1,
3711523.5,     102.2,     102.2,       0.0);
     ( 437849.6, 3711540.1,     100.6,     100.6,       0.0);         ( 437831.1,
3711556.7,      98.7,      98.7,       0.0);
     ( 437812.6, 3711573.4,      98.4,      98.4,       0.0);         ( 437794.1,
3711590.0,      98.2,      98.2,       0.0);
     ( 437775.6, 3711606.6,      98.2,      98.2,       0.0);         ( 437757.1,
3711623.2,      98.2,      98.2,       0.0);
     ( 437738.5, 3711639.8,      98.1,      98.1,       0.0);         ( 437720.0,
3711656.5,      97.9,      97.9,       0.0);
     ( 437701.5, 3711673.1,      97.7,      97.7,       0.0);         ( 437683.0,
3711689.7,      97.6,      97.6,       0.0);
     ( 438254.8, 3710682.1,     124.6,     136.4,       0.0);         ( 438252.1,
3710657.3,     129.0,     136.0,       0.0);
     ( 438249.4, 3710632.5,     126.6,     136.4,       0.0);         ( 438246.7,
3710607.7,     121.0,     136.4,       0.0);
     ( 438243.9, 3710582.9,     117.8,     185.0,       0.0);         ( 438241.2,
3710558.1,     117.1,     185.0,       0.0);
     ( 438238.5, 3710533.3,     115.4,     198.3,       0.0);         ( 438349.2,
3710695.1,     130.2,     136.4,       0.0);
     ( 438344.2, 3710719.0,     133.9,     133.9,       0.0);         ( 438339.2,
3710742.9,     130.9,     134.5,       0.0);
     ( 438334.2, 3710766.8,     123.2,     185.0,       0.0);         ( 438329.2,
3710790.7,     113.6,     198.3,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(438324.2, 3710814.6, 104.3, 208.6, 0.0); (438319.1, 3710838.6, 95.5, 208.6, 0.0);
(438314.1, 3710862.5, 90.0, 208.6, 0.0); (438309.1, 3710886.4, 86.0, 208.6, 0.0);
(438304.1, 3710910.3, 82.0, 208.6, 0.0); (438299.1, 3710934.2, 76.1, 208.6, 0.0);
(438294.1, 3710958.1, 71.4, 208.6, 0.0); (438289.1, 3710982.0, 71.3, 208.6, 0.0);
(438284.1, 3711005.9, 72.9, 208.6, 0.0); (438279.0, 3711029.9, 73.9, 208.6, 0.0);
(438274.0, 3711053.8, 74.1, 208.6, 0.0); (438269.0, 3711077.7, 74.5, 208.6, 0.0);
(438264.0, 3711101.6, 74.8, 208.6, 0.0); (438259.0, 3711125.5, 74.9, 208.6, 0.0);
(438254.0, 3711149.4, 74.1, 208.6, 0.0); (438249.0, 3711173.3, 73.8, 208.6, 0.0);
(438244.0, 3711197.2, 74.8, 208.6, 0.0); (438238.9, 3711221.2, 75.7, 208.6, 0.0);
(438233.9, 3711245.1, 75.5, 208.6, 0.0); (438228.9, 3711269.0, 73.9, 208.6, 0.0);
(438223.9, 3711292.9, 73.2, 208.6, 0.0); (438218.9, 3711316.8, 74.0, 198.3, 0.0);
(438195.7, 3711357.0, 76.8, 198.3, 0.0); (438177.5, 3711373.4, 80.1, 197.0, 0.0);
(438159.3, 3711389.7, 86.0, 197.0, 0.0); (438141.2, 3711406.0, 89.6, 189.8, 0.0);
(438123.0, 3711422.3, 90.5, 91.5, 0.0); (438104.8, 3711438.7, 92.4, 92.4, 0.0);
(438086.6, 3711455.0, 93.9, 93.9, 0.0); (438068.5, 3711471.3, 95.9, 95.9, 0.0);
(438050.3, 3711487.6, 97.6, 97.6, 0.0); (438032.1, 3711504.0, 98.8, 98.8, 0.0);
(438013.9, 3711520.3, 100.0, 100.0, 0.0); (437995.7, 3711536.6, 100.8, 100.8, 0.0);
(437977.5, 3711552.9, 101.2, 101.2, 0.0); (437959.4, 3711569.3, 100.5, 100.5, 0.0);
(437941.2, 3711585.6, 99.4, 99.4, 0.0); (437923.0, 3711601.9, 99.2, 99.2, 0.0);
(437904.8, 3711618.2, 98.9, 98.9, 0.0); (437886.7, 3711634.6, 98.6, 98.6, 0.0);
(437868.5, 3711650.9, 98.3, 98.3, 0.0); (437850.3, 3711667.2, 98.2, 98.2, 0.0);
(437832.1, 3711683.5, 98.0, 98.0, 0.0); (437814.0, 3711699.9, 97.7, 97.7, 0.0);
(437795.8, 3711716.2, 97.4, 97.4, 0.0); (437777.6,

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3711732.5,      97.1,      97.1,       0.0);
     ( 437759.4, 3711748.8,      96.8,      96.8,       0.0);         ( 437741.2,
3711765.2,      96.6,      96.6,       0.0);
     ( 437723.1, 3711781.5,      96.6,      96.6,       0.0);         ( 438354.2,
3710671.2,     124.2,     198.3,       0.0);
     ( 438351.5, 3710646.4,     119.8,     198.3,       0.0);         ( 438348.8,
3710621.6,     114.9,     207.0,       0.0);
     ( 438346.1, 3710596.8,     110.5,     208.6,       0.0);         ( 438343.3,
3710571.9,     107.3,     208.6,       0.0);
     ( 438340.6, 3710547.1,     103.3,     208.6,       0.0);         ( 438337.9,
3710522.3,     100.2,     208.6,       0.0);
     ( 438448.5, 3710684.6,     110.1,     208.6,       0.0);         ( 438443.4,
3710708.9,     117.4,     208.6,       0.0);
     ( 438438.3, 3710733.3,     124.7,     198.3,       0.0);         ( 438433.2,
3710757.6,     131.2,     192.8,       0.0);
     ( 438428.1, 3710782.0,     135.5,     135.5,       0.0);         ( 438423.0,
3710806.3,     134.7,     148.6,       0.0);
     ( 438417.9, 3710830.7,     127.5,     185.0,       0.0);         ( 438412.8,
3710855.0,     117.6,     198.3,       0.0);
     ( 438407.7, 3710879.4,     107.1,     208.6,       0.0);         ( 438402.6,
3710903.7,      97.8,     208.6,       0.0);
     ( 438397.5, 3710928.1,      98.3,     208.6,       0.0);         ( 438392.4,
3710952.4,      96.1,     208.6,       0.0);
     ( 438387.3, 3710976.8,      90.6,     208.6,       0.0);         ( 438382.2,
3711001.1,      81.9,     208.6,       0.0);
     ( 438377.1, 3711025.4,      71.5,     208.6,       0.0);         ( 438372.0,
3711049.8,      72.4,     208.6,       0.0);
     ( 438366.9, 3711074.1,      73.7,     208.6,       0.0);         ( 438361.8,
3711098.5,      73.7,     208.6,       0.0);
     ( 438356.7, 3711122.8,      73.5,     208.6,       0.0);         ( 438351.6,
3711147.2,      75.3,     208.6,       0.0);
     ( 438346.5, 3711171.5,      76.1,     208.6,       0.0);         ( 438341.3,
3711195.9,      75.1,     208.6,       0.0);
     ( 438336.2, 3711220.2,      74.2,     208.6,       0.0);         ( 438331.1,
3711244.6,      74.3,     208.6,       0.0);
     ( 438326.0, 3711268.9,      74.7,     208.6,       0.0);         ( 438320.9,
3711293.3,      75.2,     208.6,       0.0);
     ( 438315.8, 3711317.6,      76.0,     208.6,       0.0);         ( 438310.7,
3711342.0,      76.8,     208.6,       0.0);
     ( 438305.6, 3711366.3,      76.3,     208.6,       0.0);         ( 438282.0,
3711407.3,      78.7,     198.3,       0.0);
     ( 438263.5, 3711423.9,      83.4,     197.0,       0.0);         ( 438245.0,
3711440.5,      88.3,     197.0,       0.0);
     ( 438226.5, 3711457.1,      89.9,     197.0,       0.0);         ( 438208.0,
3711473.8,      90.1,     196.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(438189.5, 3711490.4, 90.9, 189.8, 0.0); (438171.0, 3711507.0, 93.3, 93.3, 0.0);
(438152.4, 3711523.6, 94.6, 94.6, 0.0); (438133.9, 3711540.3, 95.1, 95.1, 0.0);
(438115.4, 3711556.9, 96.0, 96.0, 0.0); (438096.9, 3711573.5, 97.3, 97.3, 0.0);
(438078.4, 3711590.1, 98.8, 98.8, 0.0); (438059.9, 3711606.8, 99.6, 99.6, 0.0);
(438041.4, 3711623.4, 99.7, 99.7, 0.0); (438022.9, 3711640.0, 99.7, 99.7, 0.0);
(438004.4, 3711656.6, 99.7, 99.7, 0.0); (437985.9, 3711673.2, 99.5, 99.5, 0.0);
(437967.3, 3711689.9, 99.3, 99.3, 0.0); (437948.8, 3711706.5, 99.0, 99.0, 0.0);
(437930.3, 3711723.1, 98.7, 98.7, 0.0); (437911.8, 3711739.7, 98.4, 106.7, 0.0);
(437893.3, 3711756.3, 98.1, 106.7, 0.0); (437874.8, 3711773.0, 97.9, 105.1, 0.0);
(437856.3, 3711789.6, 97.6, 97.6, 0.0); (437837.8, 3711806.2, 97.3, 97.3, 0.0);
(437819.3, 3711822.8, 96.9, 96.9, 0.0); (437800.8, 3711839.4, 96.7, 96.7, 0.0);
(437782.3, 3711856.1, 96.6, 96.6, 0.0); (437763.8, 3711872.7, 96.6, 96.6, 0.0);
(438453.6, 3710660.2, 103.8, 208.6, 0.0); (438450.9, 3710635.4, 101.7, 208.6, 0.0);
(438448.2, 3710610.6, 101.9, 208.6, 0.0); (438445.5, 3710585.8, 104.4, 208.6, 0.0);
(438442.7, 3710561.0, 108.2, 208.6, 0.0); (438440.0, 3710536.2, 111.4, 208.6, 0.0);
(438437.3, 3710511.4, 114.5, 208.6, 0.0); (438548.0, 3710673.3, 108.0, 208.6, 0.0);
(438543.0, 3710697.3, 108.8, 208.6, 0.0); (438538.0, 3710721.2, 112.8, 208.6, 0.0);
(438532.9, 3710745.2, 119.8, 208.6, 0.0); (438527.9, 3710769.2, 128.0, 207.0, 0.0);
(438522.9, 3710793.2, 135.1, 198.3, 0.0); (438517.9, 3710817.2, 139.8, 149.7, 0.0);
(438512.8, 3710841.1, 140.4, 149.7, 0.0); (438507.8, 3710865.1, 137.4, 149.7, 0.0);
(438502.8, 3710889.1, 134.0, 149.7, 0.0); (438497.8, 3710913.1, 130.4, 187.9, 0.0);
(438492.7, 3710937.0, 127.0, 198.3, 0.0); (438487.7,

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3710961.0,     117.5,     198.3,       0.0);
     ( 438482.7, 3710985.0,     104.8,     208.6,       0.0);         ( 438477.6,
3711009.0,      92.5,     208.6,       0.0);
     ( 438472.6, 3711033.0,      82.7,     208.6,       0.0);         ( 438467.6,
3711056.9,      77.2,     208.6,       0.0);
     ( 438462.6, 3711080.9,      72.8,     208.6,       0.0);         ( 438457.5,
3711104.9,      73.3,     208.6,       0.0);
     ( 438452.5, 3711128.9,      76.0,     208.6,       0.0);         ( 438447.5,
3711152.9,      76.6,     208.6,       0.0);
     ( 438442.5, 3711176.8,      77.2,     208.6,       0.0);         ( 438437.4,
3711200.8,      78.0,     208.6,       0.0);
     ( 438432.4, 3711224.8,      78.3,     208.6,       0.0);         ( 438427.4,
3711248.8,      77.5,     208.6,       0.0);
     ( 438422.3, 3711272.8,      75.5,     208.6,       0.0);         ( 438417.3,
3711296.7,      74.2,     208.6,       0.0);
     ( 438412.3, 3711320.7,      73.4,     208.6,       0.0);         ( 438407.3,
3711344.7,      73.6,     208.6,       0.0);
     ( 438402.2, 3711368.7,      74.7,     208.6,       0.0);         ( 438397.2,
3711392.6,      76.0,     208.6,       0.0);
     ( 438392.2, 3711416.6,      76.8,     208.6,       0.0);         ( 438368.9,
3711457.0,      77.5,     199.9,       0.0);
     ( 438350.7, 3711473.3,      77.7,     198.3,       0.0);         ( 438332.5,
3711489.7,      78.8,     197.0,       0.0);
     ( 438314.2, 3711506.1,      81.8,     197.0,       0.0);         ( 438296.0,
3711522.4,      86.4,     197.0,       0.0);
     ( 438277.8, 3711538.8,      88.6,     197.0,       0.0);         ( 438259.5,
3711555.2,      89.3,     197.0,       0.0);
     ( 438241.3, 3711571.6,      90.2,     189.8,       0.0);         ( 438223.1,
3711587.9,      91.4,     187.9,       0.0);
     ( 438204.9, 3711604.3,      93.3,      93.3,       0.0);         ( 438186.6,
3711620.7,      95.1,      95.1,       0.0);
     ( 438168.4, 3711637.0,      97.0,      97.0,       0.0);         ( 438150.2,
3711653.4,      99.1,      99.1,       0.0);
     ( 438132.0, 3711669.8,     100.8,     100.8,       0.0);         ( 438113.7,
3711686.1,     102.1,     102.1,       0.0);
     ( 438095.5, 3711702.5,     102.6,     102.6,       0.0);         ( 438077.3,
3711718.9,     103.5,     103.5,       0.0);
     ( 438059.0, 3711735.3,     105.1,     105.1,       0.0);         ( 438040.8,
3711751.6,     106.0,     106.0,       0.0);
     ( 438022.6, 3711768.0,     106.1,     106.1,       0.0);         ( 438004.3,
3711784.4,     106.3,     106.3,       0.0);
     ( 437986.1, 3711800.7,     106.5,     106.5,       0.0);         ( 437967.9,
3711817.1,     106.6,     106.6,       0.0);
     ( 437949.7, 3711833.5,     106.0,     106.0,       0.0);         ( 437931.4,
3711849.8,     104.7,     104.7,       0.0);
     ( 437913.2, 3711866.2,     103.0,     103.0,       0.0);         ( 437895.0,
3711882.6,     101.4,     101.4,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(437876.8, 3711899.0, 99.7, 99.7, 0.0); (437858.5, 3711915.3, 98.1, 98.1, 0.0);
(437840.3, 3711931.7, 96.5, 96.5, 0.0); (437822.1, 3711948.1, 95.7, 95.7, 0.0);
(437803.8, 3711964.4, 94.7, 94.7, 0.0); (438553.0, 3710649.3, 111.8, 208.6, 0.0);
(438550.3, 3710624.5, 119.5, 208.6, 0.0); (438547.6, 3710599.7, 129.2, 208.6, 0.0);
(438544.9, 3710574.9, 138.7, 198.3, 0.0); (438542.1, 3710550.1, 145.0, 198.3, 0.0);
(438539.4, 3710525.3, 146.6, 185.0, 0.0); (438536.7, 3710500.5, 143.7, 198.3, 0.0);
(438647.3, 3710662.7, 128.9, 208.6, 0.0); (438642.2, 3710687.1, 121.1, 208.6, 0.0);
(438637.1, 3710711.4, 115.5, 208.6, 0.0); (438632.0, 3710735.8, 112.6, 208.6, 0.0);
(438626.9, 3710760.1, 113.1, 208.6, 0.0); (438621.8, 3710784.5, 117.1, 208.6, 0.0);
(438616.7, 3710808.8, 126.6, 208.6, 0.0); (438611.6, 3710833.2, 137.6, 198.3, 0.0);
(438606.5, 3710857.5, 144.7, 149.7, 0.0); (438601.4, 3710881.8, 144.3, 149.7, 0.0);
(438596.3, 3710906.2, 135.5, 198.3, 0.0); (438591.2, 3710930.5, 123.5, 208.6, 0.0);
(438586.1, 3710954.9, 110.4, 208.6, 0.0); (438581.0, 3710979.2, 98.5, 208.6, 0.0);
(438575.9, 3711003.6, 90.3, 208.6, 0.0); (438570.8, 3711027.9, 87.2, 208.6, 0.0);
(438565.7, 3711052.3, 85.1, 208.6, 0.0); (438560.6, 3711076.6, 81.5, 208.6, 0.0);
(438555.5, 3711101.0, 78.7, 208.6, 0.0); (438550.4, 3711125.3, 76.7, 208.6, 0.0);
(438545.2, 3711149.7, 74.8, 208.6, 0.0); (438540.1, 3711174.0, 73.2, 208.6, 0.0);
(438535.0, 3711198.4, 72.5, 208.6, 0.0); (438529.9, 3711222.7, 74.1, 208.6, 0.0);
(438524.8, 3711247.1, 77.6, 208.6, 0.0); (438519.7, 3711271.4, 78.8, 208.6, 0.0);
(438514.6, 3711295.8, 78.8, 208.6, 0.0); (438509.5, 3711320.1, 79.1, 208.6, 0.0);
(438504.4, 3711344.4, 79.4, 208.6, 0.0); (438499.3,

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3711368.8,      78.6,     208.6,       0.0);
     ( 438494.2, 3711393.1,      78.1,     208.6,       0.0);         ( 438489.1,
3711417.5,      78.6,     208.6,       0.0);
     ( 438484.0, 3711441.8,      79.0,     208.6,       0.0);         ( 438478.9,
3711466.2,      79.1,     208.6,       0.0);
     ( 438455.3, 3711507.2,      78.8,     199.9,       0.0);         ( 438436.8,
3711523.8,      78.7,     199.9,       0.0);
     ( 438418.3, 3711540.4,      78.7,     199.9,       0.0);         ( 438399.8,
3711557.0,      79.2,     197.0,       0.0);
     ( 438381.2, 3711573.6,      82.5,     197.0,       0.0);         ( 438362.7,
3711590.3,      88.2,     197.0,       0.0);
     ( 438344.2, 3711606.9,      93.5,     197.0,       0.0);         ( 438325.7,
3711623.5,      96.4,     189.8,       0.0);
     ( 438307.2, 3711640.1,      96.1,     104.8,       0.0);         ( 438288.7,
3711656.8,      96.2,     106.1,       0.0);
     ( 438270.2, 3711673.4,      96.3,     106.6,       0.0);         ( 438251.7,
3711690.0,      96.1,     106.6,       0.0);
     ( 438233.2, 3711706.6,      96.9,     106.8,       0.0);         ( 438214.7,
3711723.2,      98.3,     106.8,       0.0);
     ( 438196.2, 3711739.9,      99.5,     106.8,       0.0);         ( 438177.6,
3711756.5,     101.1,     101.1,       0.0);
     ( 438159.1, 3711773.1,     102.3,     102.3,       0.0);         ( 438140.6,
3711789.7,     104.7,     104.7,       0.0);
     ( 438122.1, 3711806.3,     106.5,     106.5,       0.0);         ( 438103.6,
3711823.0,     106.6,     106.6,       0.0);
     ( 438085.1, 3711839.6,     106.9,     106.9,       0.0);         ( 438066.6,
3711856.2,     107.1,     107.1,       0.0);
     ( 438048.1, 3711872.8,     107.2,     107.2,       0.0);         ( 438029.6,
3711889.5,     107.2,     107.2,       0.0);
     ( 438011.1, 3711906.1,     106.5,     106.5,       0.0);         ( 437992.6,
3711922.7,     105.3,     105.3,       0.0);
     ( 437974.0, 3711939.3,     103.6,     103.6,       0.0);         ( 437955.5,
3711955.9,     101.9,     101.9,       0.0);
     ( 437937.0, 3711972.6,      99.8,      99.8,       0.0);         ( 437918.5,
3711989.2,      98.1,      98.1,       0.0);
     ( 437900.0, 3712005.8,      96.3,     116.5,       0.0);         ( 437881.5,
3712022.4,      94.8,     116.5,       0.0);
     ( 437863.0, 3712039.0,      93.1,     116.5,       0.0);         ( 437844.5,
3712055.7,      91.3,     116.5,       0.0);
     ( 438652.5, 3710638.4,     135.8,     208.6,       0.0);         ( 438649.7,
3710613.6,     140.9,     207.6,       0.0);
     ( 438647.0, 3710588.8,     145.6,     207.0,       0.0);         ( 438644.3,
3710564.0,     149.2,     198.3,       0.0);
     ( 438641.5, 3710539.1,     148.6,     198.3,       0.0);         ( 438638.8,
3710514.3,     145.7,     207.0,       0.0);
     ( 438636.1, 3710489.5,     141.0,     207.6,       0.0);         ( 438746.8,
3710651.5,     144.1,     208.6,       0.0);
     ( 438741.8, 3710675.5,     139.4,     208.6,       0.0);         ( 438736.7,
3710699.5,     135.0,     208.6,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(438731.7, 3710723.5, 130.4, 208.6, 0.0); (438726.7, 3710747.6, 124.5, 208.6, 0.0);
(438721.6, 3710771.6, 117.8, 208.6, 0.0); (438716.6, 3710795.6, 116.6, 208.6, 0.0);
(438711.5, 3710819.7, 121.0, 208.6, 0.0); (438706.5, 3710843.7, 129.3, 208.6, 0.0);
(438701.5, 3710867.7, 136.3, 208.6, 0.0); (438696.4, 3710891.7, 138.9, 198.3, 0.0);
(438691.4, 3710915.8, 134.3, 208.6, 0.0); (438686.4, 3710939.8, 125.4, 208.6, 0.0);
(438681.3, 3710963.8, 116.8, 208.6, 0.0); (438676.3, 3710987.8, 107.9, 208.6, 0.0);
(438671.2, 3711011.9, 110.3, 208.6, 0.0); (438666.2, 3711035.9, 114.8, 208.6, 0.0);
(438661.2, 3711059.9, 112.9, 208.6, 0.0); (438656.1, 3711084.0, 102.4, 208.6, 0.0);
(438651.1, 3711108.0, 93.5, 208.6, 0.0); (438646.1, 3711132.0, 87.6, 208.6, 0.0);
(438641.0, 3711156.0, 83.8, 208.6, 0.0); (438636.0, 3711180.1, 80.3, 208.6, 0.0);
(438631.0, 3711204.1, 78.0, 208.6, 0.0); (438625.9, 3711228.1, 77.4, 208.6, 0.0);
(438620.9, 3711252.1, 77.0, 208.6, 0.0); (438615.8, 3711276.2, 75.9, 208.6, 0.0);
(438610.8, 3711300.2, 72.9, 208.6, 0.0); (438605.8, 3711324.2, 71.9, 208.6, 0.0);
(438600.7, 3711348.3, 73.9, 208.6, 0.0); (438595.7, 3711372.3, 76.3, 208.6, 0.0);
(438590.6, 3711396.3, 78.0, 208.6, 0.0); (438585.6, 3711420.3, 78.7, 208.6, 0.0);
(438580.6, 3711444.4, 78.3, 208.6, 0.0); (438575.5, 3711468.4, 77.5, 208.6, 0.0);
(438570.5, 3711492.4, 76.6, 208.6, 0.0); (438565.5, 3711516.4, 75.4, 208.6, 0.0);
(438542.2, 3711556.9, 76.0, 208.6, 0.0); (438523.9, 3711573.3, 77.1, 199.9, 0.0);
(438505.6, 3711589.7, 78.7, 199.9, 0.0); (438487.4, 3711606.1, 81.3, 199.9, 0.0);
(438469.1, 3711622.5, 86.0, 197.0, 0.0); (438450.8,

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3711638.9,      92.2,     197.0,       0.0);
     ( 438432.6, 3711655.3,      94.1,     197.0,       0.0);         ( 438414.3,
3711671.7,      97.0,     197.0,       0.0);
     ( 438396.0, 3711688.1,      98.8,     189.8,       0.0);         ( 438377.8,
3711704.5,     101.8,     105.0,       0.0);
     ( 438359.5, 3711720.9,     104.7,     104.7,       0.0);         ( 438341.2,
3711737.3,     105.6,     105.6,       0.0);
     ( 438323.0, 3711753.7,     106.1,     106.1,       0.0);         ( 438304.7,
3711770.1,     106.6,     106.6,       0.0);
     ( 438286.5, 3711786.5,     106.8,     106.8,       0.0);         ( 438268.2,
3711802.9,     106.8,     106.8,       0.0);
     ( 438249.9, 3711819.3,     106.9,     106.9,       0.0);         ( 438231.6,
3711835.7,     107.1,     107.1,       0.0);
     ( 438213.4, 3711852.1,     107.3,     107.3,       0.0);         ( 438195.1,
3711868.5,     107.3,     107.3,       0.0);
     ( 438176.9, 3711884.9,     107.1,     107.1,       0.0);         ( 438158.6,
3711901.3,     107.4,     107.4,       0.0);
     ( 438140.3, 3711917.7,     107.5,     107.5,       0.0);         ( 438122.1,
3711934.1,     107.5,     107.5,       0.0);
     ( 438103.8, 3711950.5,     107.6,     107.6,       0.0);         ( 438085.5,
3711966.9,     107.7,     107.7,       0.0);
     ( 438067.3, 3711983.3,     107.7,     107.7,       0.0);         ( 438049.0,
3711999.8,     105.3,     107.3,       0.0);
     ( 438030.7, 3712016.2,     101.6,     116.5,       0.0);         ( 438012.5,
3712032.6,     100.5,     116.5,       0.0);
     ( 437994.2, 3712049.0,     100.6,     116.5,       0.0);         ( 437975.9,
3712065.4,     100.9,     116.5,       0.0);
     ( 437957.7, 3712081.8,     101.9,     116.5,       0.0);         ( 437939.4,
3712098.2,     102.9,     116.5,       0.0);
     ( 437921.1, 3712114.6,     101.0,     116.5,       0.0);         ( 437902.9,
3712131.0,      95.1,     116.5,       0.0);
     ( 437884.6, 3712147.4,      90.0,     116.9,       0.0);         ( 438751.8,
3710627.4,     150.5,     208.6,       0.0);
     ( 438749.1, 3710602.6,     159.6,     198.3,       0.0);         ( 438746.4,
3710577.8,     164.5,     198.3,       0.0);
     ( 438743.7, 3710553.0,     163.6,     198.3,       0.0);         ( 438740.9,
3710528.2,     157.9,     198.3,       0.0);
     ( 438738.2, 3710503.4,     152.1,     207.2,       0.0);         ( 438735.5,
3710478.6,     148.4,     208.6,       0.0);
     ( 437306.5, 3710616.7,      75.5,     211.6,       0.0);         ( 437314.0,
3710595.5,      76.5,     211.6,       0.0);
     ( 437321.4, 3710574.3,      76.2,     211.6,       0.0);         ( 437361.2,
3710612.1,      75.5,     211.6,       0.0);
     ( 437368.6, 3710590.9,      75.7,     211.6,       0.0);         ( 437415.8,
3710607.4,      87.2,     205.1,       0.0);
     ( 437433.2, 3710708.8,      93.7,     205.1,       0.0);         ( 437480.4,
3710725.4,      92.7,     205.1,       0.0);
     ( 437582.2, 3710737.3,      84.6,     205.1,       0.0);         ( 437676.5,
3710770.4,      73.1,     205.1,       0.0);
     ( 437684.0, 3710749.2,      73.4,     205.1,       0.0);         ( 437716.3,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(437723.7, 3710786.9, 70.0, 205.1, 0.0); (438595.3, 3711021.3, 93.4, 208.6, 0.0);
(438674.8, 3711096.8, 106.0, 208.6, 0.0); (438682.2, 3711075.6, 115.2, 208.6, 0.0);
(437329.3, 3710551.3, 76.0, 211.6, 0.0); (437337.1, 3710528.6, 76.2, 211.6, 0.0);
(437345.0, 3710505.9, 75.8, 211.6, 0.0); (437352.8, 3710483.2, 75.3, 211.6, 0.0);
(437376.6, 3710567.6, 76.0, 211.6, 0.0); (437384.4, 3710544.9, 75.7, 211.6, 0.0);
(437392.2, 3710522.2, 75.1, 211.6, 0.0); (437400.0, 3710499.5, 74.5, 211.6, 0.0);
(437423.9, 3710583.9, 84.2, 211.6, 0.0); (437431.7, 3710561.2, 81.0, 211.6, 0.0);
(437439.5, 3710538.5, 78.2, 211.6, 0.0); (437447.3, 3710515.8, 74.5, 211.6, 0.0);
(437471.2, 3710600.1, 86.9, 205.1, 0.0); (437479.0, 3710577.4, 81.6, 211.6, 0.0);
(437486.8, 3710554.8, 75.6, 211.6, 0.0); (437494.6, 3710532.0, 70.0, 211.6, 0.0);
(437518.4, 3710616.4, 85.6, 205.1, 0.0); (437526.2, 3710593.7, 83.2, 205.1, 0.0);
(437534.1, 3710571.0, 78.5, 211.6, 0.0); (437541.9, 3710548.3, 71.2, 211.6, 0.0);
(437589.2, 3710564.6, 70.8, 211.6, 0.0); (437620.8, 3710626.3, 80.6, 205.1, 0.0);
(437723.2, 3710636.1, 68.0, 210.9, 0.0); (437770.5, 3710652.4, 68.0, 205.1, 0.0);
(437778.3, 3710629.7, 67.9, 205.1, 0.0); (437872.8, 3710662.2, 68.0, 207.0, 0.0);
(438345.6, 3710825.0, 107.3, 207.2, 0.0); (438432.3, 3710880.2, 110.9, 208.6, 0.0);
(438440.2, 3710857.5, 120.2, 198.3, 0.0); (438511.3, 3710958.1, 117.8, 207.0, 0.0);
(438519.1, 3710935.4, 128.5, 198.3, 0.0); (438526.9, 3710912.8, 135.9, 149.7, 0.0);
(438534.7, 3710890.1, 141.4, 149.7, 0.0); (438605.8,

```
3710990.7,      93.9,     208.6,       0.0);
     ( 438613.6, 3710968.0,     102.5,     208.6,       0.0);         ( 438621.5,
3710945.3,     114.9,     208.6,       0.0);
     ( 438629.3, 3710922.6,     127.3,     208.6,       0.0);         ( 438692.6,
3711045.9,     122.2,     208.6,       0.0);
     ( 438700.4, 3711023.2,     120.6,     208.6,       0.0);         ( 438708.2,
3711000.5,     114.7,     208.6,       0.0);
     ( 438716.0, 3710977.8,     118.5,     208.6,       0.0);         ( 438723.8,
3710955.1,     126.8,     208.6,       0.0);
     ( 437354.0, 3710454.8,      75.0,     211.6,       0.0);         ( 437343.6,
3710413.1,      73.0,     211.6,       0.0);
     ( 437401.7, 3710461.6,      73.1,     211.6,       0.0);         ( 437397.3,
3710421.9,      73.0,     211.6,       0.0);
     ( 437450.1, 3710451.9,      68.4,     211.6,       0.0);         ( 437445.8,
3710409.7,      69.0,     211.6,       0.0);
     ( 437498.7, 3710437.4,      66.3,     211.6,       0.0);         ( 437497.1,
3710475.2,      66.5,     211.6,       0.0);
     ( 437494.3, 3710397.6,      66.1,     211.6,       0.0);         ( 437547.1,
3710426.6,      65.9,     211.6,       0.0);
     ( 437545.4, 3710467.2,      66.1,     211.6,       0.0);         ( 437543.6,
3710507.8,      66.6,     211.6,       0.0);
     ( 437542.8, 3710385.5,      65.6,     211.6,       0.0);         ( 437595.6,
3710415.5,      65.5,     211.6,       0.0);
     ( 437593.8, 3710458.1,      66.0,     211.6,       0.0);         ( 437591.9,
3710500.7,      66.3,     211.6,       0.0);
     ( 437591.3, 3710373.4,      65.4,     211.6,       0.0);         ( 437644.2,
3710401.9,      64.3,     211.6,       0.0);
     ( 437642.5, 3710441.7,      65.2,     211.6,       0.0);         ( 437640.7,
3710481.5,      66.2,     211.6,       0.0);
     ( 437639.0, 3710521.2,      66.4,     211.6,       0.0);         ( 437637.3,
3710561.0,      67.8,     211.6,       0.0);
     ( 437639.8, 3710361.2,      64.6,     211.6,       0.0);         ( 437692.6,
3710390.6,      64.4,     211.6,       0.0);
     ( 437690.9, 3710431.9,      65.3,     211.6,       0.0);         ( 437689.1,
3710473.2,      65.9,     211.6,       0.0);
     ( 437687.3, 3710514.5,      66.1,     211.6,       0.0);         ( 437685.5,
3710555.8,      66.7,     211.6,       0.0);
     ( 437688.3, 3710349.1,      64.4,     211.6,       0.0);         ( 437741.1,
3710379.1,      64.1,     211.6,       0.0);
     ( 437739.3, 3710421.7,      64.8,     211.6,       0.0);         ( 437737.4,
3710464.3,      65.4,     211.6,       0.0);
     ( 437735.6, 3710506.9,      65.9,     211.6,       0.0);         ( 437733.8,
3710549.5,      66.3,     211.6,       0.0);
     ( 437736.8, 3710337.0,      64.8,     211.6,       0.0);         ( 437789.7,
3710366.0,      64.9,     211.6,       0.0);
     ( 437787.9, 3710406.5,      65.2,     211.6,       0.0);         ( 437786.2,
3710447.1,      65.8,     211.6,       0.0);
     ( 437784.4, 3710487.7,      66.0,     211.6,       0.0);         ( 437782.7,
3710528.3,      66.2,     211.6,       0.0);
     ( 437780.9, 3710568.8,      66.6,     211.6,       0.0);         ( 437785.3,
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3710324.8,   65.4,   211.6,   0.0);
     (437886.6, 3710342.7,   66.6,   211.6,   0.0);   (437884.8,
3710385.3,   66.4,   211.6,   0.0);

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

     (437883.0, 3710427.9,   65.9,   211.6,   0.0);   (437881.1,
3710470.5,   66.0,   211.6,   0.0);
     (437879.3, 3710513.1,   66.6,   210.9,   0.0);   (437877.4,
3710555.7,   66.8,   207.2,   0.0);
     (437875.6, 3710598.3,   67.1,   207.0,   0.0);   (437882.4,
3710300.6,   64.3,   211.6,   0.0);
     (437983.7, 3710318.1,   66.8,   211.6,   0.0);   (437981.9,
3710360.0,   64.3,   211.6,   0.0);
     (437980.1, 3710401.8,   67.3,   210.9,   0.0);   (437978.2,
3710443.7,   67.7,   208.6,   0.0);
     (437976.4, 3710485.5,   68.4,   208.6,   0.0);   (437974.6,
3710527.4,   68.4,   208.6,   0.0);
     (437972.8, 3710569.2,   67.9,   208.6,   0.0);   (437971.0,
3710611.1,   67.6,   208.6,   0.0);
     (437979.4, 3710276.3,   74.1,   210.9,   0.0);   (438080.7,
3710293.6,   100.2,   122.5,   0.0);
     (438078.9, 3710334.9,   83.0,   207.6,   0.0);   (438077.1,
3710376.2,   71.0,   208.6,   0.0);
     (438075.3, 3710417.5,   65.5,   208.6,   0.0);   (438073.6,
3710458.8,   64.9,   208.6,   0.0);
     (438071.8, 3710500.1,   65.8,   208.6,   0.0);   (438070.0,
3710541.4,   66.2,   208.6,   0.0);
     (438068.2, 3710582.8,   67.0,   208.6,   0.0);   (438076.4,
3710252.1,   104.6,   120.2,   0.0);
     (438177.7, 3710270.0,   107.0,   183.8,   0.0);   (438175.8,
3710312.6,   114.6,   120.9,   0.0);
     (438174.0, 3710355.2,   113.6,   122.5,   0.0);   (438172.2,
3710397.8,   98.7,   207.0,   0.0);
     (438170.3, 3710440.4,   88.2,   208.6,   0.0);   (438168.5,
3710483.0,   83.4,   208.6,   0.0);
     (438166.6, 3710525.6,   81.1,   208.6,   0.0);   (438164.8,
3710568.2,   80.9,   208.6,   0.0);
     (438173.4, 3710227.8,   97.5,   198.3,   0.0);   (438274.7,
3710245.5,   89.3,   208.6,   0.0);
     (438272.9, 3710287.5,   90.6,   208.6,   0.0);   (438271.1,

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3710329.6,      95.9,     208.6,       0.0);
     ( 438269.3, 3710371.7,     104.0,     207.2,       0.0);         ( 438267.4,
3710413.8,     113.8,     198.3,       0.0);
     ( 438265.6, 3710455.8,     119.9,     183.8,       0.0);         ( 438263.8,
3710497.9,     121.7,     121.7,       0.0);
     ( 438262.0, 3710540.0,     122.9,     136.0,       0.0);         ( 438270.4,
3710203.6,      88.3,     208.6,       0.0);
     ( 438371.8, 3710221.0,      94.0,     208.6,       0.0);         ( 438369.9,
3710262.6,      95.5,     208.6,       0.0);
     ( 438368.1, 3710304.3,      97.6,     208.6,       0.0);         ( 438366.3,
3710346.0,      96.2,     208.6,       0.0);
     ( 438364.5, 3710387.6,      95.1,     208.6,       0.0);         ( 438362.7,
3710429.3,      95.1,     208.6,       0.0);
     ( 438360.9, 3710470.9,      95.5,     208.6,       0.0);         ( 438359.1,
3710512.6,      97.0,     208.6,       0.0);
     ( 438367.4, 3710179.3,      92.2,     208.6,       0.0);         ( 438468.7,
3710197.2,     101.6,     208.6,       0.0);
     ( 438466.9, 3710239.8,      98.6,     208.6,       0.0);         ( 438465.0,
3710282.4,     100.0,     208.6,       0.0);
     ( 438463.2, 3710325.0,     107.3,     208.6,       0.0);         ( 438461.4,
3710367.6,     118.9,     208.6,       0.0);
     ( 438459.5, 3710410.2,     129.5,     198.3,       0.0);         ( 438457.7,
3710452.8,     132.4,     198.3,       0.0);
     ( 438455.8, 3710495.4,     125.7,     207.0,       0.0);         ( 438464.5,
3710155.1,     113.9,     208.6,       0.0);
     ( 438565.8, 3710172.8,     120.5,     208.6,       0.0);         ( 438563.9,
3710214.9,     107.0,     208.6,       0.0);
     ( 438562.1, 3710257.1,     106.8,     208.6,       0.0);         ( 438560.3,
3710299.3,     114.0,     208.6,       0.0);
     ( 438558.5, 3710341.5,     112.8,     208.6,       0.0);         ( 438556.6,
3710383.7,     114.6,     208.6,       0.0);
     ( 438554.8, 3710425.9,     123.2,     208.6,       0.0);         ( 438553.0,
3710468.1,     133.9,     207.2,       0.0);
     ( 438536.5, 3710847.9,     145.5,     148.6,       0.0);         ( 438561.5,
3710130.8,     132.8,     198.3,       0.0);
     ( 438662.8, 3710148.3,     138.6,     207.0,       0.0);         ( 438661.0,
3710190.2,     128.0,     208.6,       0.0);
     ( 438659.2, 3710232.0,     115.7,     208.6,       0.0);         ( 438657.3,
3710273.9,     117.9,     208.6,       0.0);
     ( 438655.5, 3710315.8,     130.0,     208.6,       0.0);         ( 438653.7,
3710357.6,     133.5,     208.6,       0.0);
     ( 438651.9, 3710399.4,     129.2,     208.6,       0.0);         ( 438650.1,
3710441.3,     132.1,     208.6,       0.0);
     ( 438632.0, 3710859.8,     141.8,     198.3,       0.0);         ( 438658.5,
3710106.6,     133.7,     207.2,       0.0);
     ( 438759.8, 3710124.5,     143.0,     207.2,       0.0);         ( 438757.9,
3710167.1,     146.0,     207.2,       0.0);
     ( 438756.1, 3710209.7,     138.3,     208.6,       0.0);         ( 438754.2,
3710252.3,     127.9,     208.6,       0.0);
     ( 438752.4, 3710294.9,     126.9,     208.6,       0.0);         ( 438750.6,
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                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (438755.5, 3710082.3,   139.1,   207.6,   0.0);   (437346.0,
3710385.8,   71.5,   211.6,   0.0);
     (437396.0, 3710387.0,   73.2,   211.6,   0.0);   (437446.5,
3710367.9,   69.4,   211.6,   0.0);
     (437496.5, 3710369.1,   66.1,   211.6,   0.0);   (437995.4,
3710422.0,   67.5,   208.6,   0.0);
     (437996.3, 3710381.3,   65.3,   211.6,   0.0);   (438094.8,
3710444.8,   66.2,   208.6,   0.0);
     (438095.8, 3710404.1,   70.6,   208.6,   0.0);   (438194.8,
3710447.2,   97.6,   207.2,   0.0);
     (438195.8, 3710406.6,   107.2,   198.3,   0.0);   (438294.8,
3710449.7,   107.1,   207.6,   0.0);
     (438295.8, 3710409.0,   101.1,   208.6,   0.0);   (438394.7,
3710452.1,   103.7,   208.6,   0.0);
     (438395.7, 3710411.4,   105.6,   208.6,   0.0);   (438494.7,
3710454.6,   141.4,   185.0,   0.0);
     (438495.7, 3710413.9,   131.5,   207.0,   0.0);   (438594.7,
3710457.0,   129.9,   208.6,   0.0);
     (438595.7, 3710416.3,   121.7,   208.6,   0.0);   (438694.6,
3710459.5,   141.2,   208.6,   0.0);
     (438695.6, 3710418.8,   135.0,   208.6,   0.0);   (438794.6,
3710461.9,   153.5,   208.6,   0.0);
     (438795.6, 3710421.2,   152.8,   208.6,   0.0);   (437341.8,
3710350.3,   68.3,   211.6,   0.0);
     (437325.8, 3710319.2,   65.3,   211.6,   0.0);   (437302.9,
3710287.4,   64.2,   211.6,   0.0);
     (437382.5, 3710321.1,   71.6,   211.6,   0.0);   (437391.8,
3710351.5,   73.5,   211.6,   0.0);
     (437366.3, 3710290.0,   67.2,   211.6,   0.0);   (437343.5,
3710258.3,   65.1,   211.6,   0.0);
     (437424.0, 3710295.0,   72.1,   211.6,   0.0);   (437435.3,
3710331.4,   71.3,   211.6,   0.0);
     (437407.0, 3710260.8,   68.7,   211.6,   0.0);   (437384.1,

3710229.1,	65.5,	211.6,	0.0);
	(437464.3, 3710264.9,	70.8,	211.6,	0.0);	(437475.0,
3710299.7,	69.0,	211.6,	0.0);
	(437485.8, 3710334.4,	67.0,	211.6,	0.0);	(437447.6,
3710231.7,	69.5,	211.6,	0.0);
	(437424.7, 3710199.9,	65.7,	211.6,	0.0);	(437504.8,
3710235.2,	69.2,	211.6,	0.0);
	(437515.2, 3710269.0,	67.2,	211.6,	0.0);	(437525.6,
3710302.8,	66.0,	211.6,	0.0);
	(437536.1, 3710336.6,	65.7,	211.6,	0.0);	(437488.2,
3710202.5,	70.1,	211.6,	0.0);
	(437465.3, 3710170.7,	65.3,	211.6,	0.0);	(437545.8,
3710207.4,	67.8,	211.6,	0.0);
	(437557.1, 3710243.9,	66.3,	211.6,	0.0);	(437568.3,
3710280.4,	65.8,	211.6,	0.0);
	(437579.6, 3710316.9,	65.4,	211.6,	0.0);	(437528.8,
3710173.3,	69.2,	211.6,	0.0);
	(437505.9, 3710141.5,	65.3,	211.6,	0.0);	(437586.2,
3710177.7,	66.9,	211.6,	0.0);
	(437597.2, 3710213.2,	65.8,	211.6,	0.0);	(437608.1,
3710248.7,	65.6,	211.6,	0.0);
	(437619.1, 3710284.1,	65.5,	211.6,	0.0);	(437630.0,
3710319.6,	65.2,	211.6,	0.0);
	(437569.4, 3710144.1,	67.8,	211.6,	0.0);	(437546.5,
3710112.4,	64.5,	211.6,	0.0);
	(437626.7, 3710148.2,	66.2,	211.6,	0.0);	(437637.5,
3710182.9,	65.6,	211.6,	0.0);
	(437648.2, 3710217.7,	65.4,	211.6,	0.0);	(437658.9,
3710252.4,	65.5,	211.6,	0.0);
	(437669.6, 3710287.2,	65.4,	211.6,	0.0);	(437680.4,
3710321.9,	65.2,	211.6,	0.0);
	(437610.0, 3710114.9,	66.5,	211.6,	0.0);	(437587.1,
3710083.2,	64.3,	211.6,	0.0);
	(437667.6, 3710119.9,	65.4,	211.6,	0.0);	(437678.9,
3710156.4,	65.3,	211.6,	0.0);
	(437690.1, 3710192.8,	65.1,	211.6,	0.0);	(437701.4,
3710229.3,	65.4,	211.6,	0.0);
	(437712.6, 3710265.8,	65.6,	211.6,	0.0);	(437723.9,
3710302.3,	65.4,	211.6,	0.0);
	(437650.6, 3710085.8,	65.4,	211.6,	0.0);	(437627.8,
3710054.0,	64.2,	211.6,	0.0);
	(437708.1, 3710090.3,	64.8,	211.6,	0.0);	(437719.1,
3710126.1,	65.0,	211.6,	0.0);
	(437730.2, 3710161.9,	64.8,	211.6,	0.0);	(437741.2,
3710197.6,	64.5,	211.6,	0.0);
	(437752.3, 3710233.4,	65.3,	211.6,	0.0);	(437763.3,
3710269.2,	65.8,	211.6,	0.0);
	(437774.3, 3710304.9,	65.6,	211.6,	0.0);	(437691.2,
3710056.6,	64.5,	211.6,	0.0);
	(437668.3, 3710024.8,	63.9,	211.6,	0.0);	(437789.4,

3710032.3,   61.8,   211.6,   0.0);
     (437800.7, 3710068.8,   63.4,   211.6,   0.0);   (437811.9,
3710105.3,   64.6,   211.6,   0.0);
     (437823.2, 3710141.8,   64.7,   211.6,   0.0);   (437834.5,
3710178.3,   63.2,   211.6,   0.0);
     (437845.7, 3710214.8,   63.7,   211.6,   0.0);   (437857.0,
3710251.2,   66.2,   211.6,   0.0);

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

     (437772.4, 3709998.2,   63.0,   211.6,   0.0);   (437749.6,
3709966.5,   62.2,   211.6,   0.0);
     (437870.7, 3709974.2,   65.8,   211.6,   0.0);   (437882.1,
3710011.3,   69.1,   211.6,   0.0);
     (437893.5, 3710048.3,   68.9,   211.6,   0.0);   (437905.0,
3710085.3,   68.8,   211.6,   0.0);
     (437916.4, 3710122.3,   70.4,   211.6,   0.0);   (437927.8,
3710159.3,   73.4,   211.6,   0.0);
     (437939.2, 3710196.3,   74.1,   211.6,   0.0);   (437950.7,
3710233.3,   73.7,   211.6,   0.0);
     (437853.6, 3709939.9,   64.1,   211.6,   0.0);   (437830.8,
3709908.1,   61.4,   211.6,   0.0);
     (437951.8, 3709915.4,   70.0,   211.6,   0.0);   (437962.9,
3709951.4,   70.4,   211.6,   0.0);
     (437974.0, 3709987.5,   70.3,   211.6,   0.0);   (437985.1,
3710023.5,   71.4,   211.6,   0.0);
     (437996.2, 3710059.5,   72.7,   211.6,   0.0);   (438007.4,
3710095.5,   73.9,   211.6,   0.0);
     (438018.5, 3710131.6,   78.6,   211.6,   0.0);   (438029.6,
3710167.6,   85.2,   198.3,   0.0);
     (438040.7, 3710203.6,   90.7,   185.0,   0.0);   (438051.8,
3710239.7,   96.1,   145.4,   0.0);
     (438063.0, 3710275.7,   99.8,   122.5,   0.0);   (437934.8,
3709881.5,   66.0,   211.6,   0.0);
     (437912.0, 3709849.8,   64.9,   211.6,   0.0);   (438033.0,
3709857.3,   70.3,   211.6,   0.0);
     (438044.3, 3709893.8,   71.9,   211.6,   0.0);   (438055.5,
3709930.2,   76.3,   211.6,   0.0);
     (438066.8, 3709966.7,   82.8,   198.3,   0.0);   (438078.1,
3710003.2,   84.2,   198.3,   0.0);
     (438089.3, 3710039.7,   83.9,   201.6,   0.0);   (438100.6,

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3710076.1,      85.7,     207.0,       0.0);
     ( 438111.8, 3710112.6,      95.6,     145.4,       0.0);         ( 438123.1,
3710149.1,     101.5,     145.4,       0.0);
     ( 438134.4, 3710185.6,     102.1,     145.4,       0.0);         ( 438145.6,
3710222.1,     101.4,     183.8,       0.0);
     ( 438156.9, 3710258.5,     107.0,     122.5,       0.0);         ( 438016.0,
3709823.1,      68.5,     211.6,       0.0);
     ( 437993.2, 3709791.4,      67.0,     211.6,       0.0);         ( 438114.3,
3709799.1,      71.1,     211.6,       0.0);
     ( 438125.7, 3709835.9,      72.4,     211.6,       0.0);         ( 438137.0,
3709872.8,      73.3,     211.6,       0.0);
     ( 438148.4, 3709909.6,      74.4,     211.6,       0.0);         ( 438159.8,
3709946.5,      76.8,     208.6,       0.0);
     ( 438171.2, 3709983.3,      79.1,     208.6,       0.0);         ( 438182.5,
3710020.2,      80.1,     208.6,       0.0);
     ( 438193.9, 3710057.0,      81.8,     208.6,       0.0);         ( 438205.3,
3710093.9,      83.7,     208.6,       0.0);
     ( 438216.6, 3710130.7,      85.2,     208.6,       0.0);         ( 438228.0,
3710167.6,      86.5,     208.6,       0.0);
     ( 438239.4, 3710204.4,      87.6,     208.6,       0.0);         ( 438250.8,
3710241.3,      89.7,     208.6,       0.0);
     ( 438284.9, 3710351.8,      95.0,     208.6,       0.0);         ( 438097.2,
3709764.8,      70.3,     211.6,       0.0);
     ( 438074.4, 3709733.0,      69.0,     211.6,       0.0);         ( 438195.5,
3709740.9,      75.0,     211.6,       0.0);
     ( 438207.0, 3709778.0,      78.9,     207.2,       0.0);         ( 438218.5,
3709815.2,      81.6,     207.2,       0.0);
     ( 438230.0, 3709852.4,      80.3,     207.6,       0.0);         ( 438241.4,
3709889.5,      80.5,     208.6,       0.0);
     ( 438252.9, 3709926.7,      84.6,     208.6,       0.0);         ( 438264.3,
3709963.8,      86.5,     208.6,       0.0);
     ( 438275.8, 3710001.0,      88.2,     208.6,       0.0);         ( 438287.3,
3710038.1,      88.0,     208.6,       0.0);
     ( 438298.8, 3710075.3,      91.5,     208.6,       0.0);         ( 438310.2,
3710112.4,      90.9,     208.6,       0.0);
     ( 438321.7, 3710149.6,      89.6,     208.6,       0.0);         ( 438333.2,
3710186.8,      89.9,     208.6,       0.0);
     ( 438344.6, 3710223.9,      91.7,     208.6,       0.0);         ( 438390.5,
3710372.5,     103.7,     208.6,       0.0);
     ( 438178.4, 3709706.4,      71.1,     211.6,       0.0);         ( 438155.6,
3709674.7,      70.5,     211.6,       0.0);
     ( 438276.6, 3709682.2,      79.1,     207.2,       0.0);         ( 438287.9,
3709718.7,      90.2,     145.4,       0.0);
     ( 438299.2, 3709755.1,      96.7,     145.4,       0.0);         ( 438310.4,
3709791.6,      99.5,     145.4,       0.0);
     ( 438321.7, 3709828.1,     103.3,     145.4,       0.0);         ( 438332.9,
3709864.6,     110.5,     145.4,       0.0);
     ( 438344.2, 3709901.1,     117.8,     145.4,       0.0);         ( 438355.5,
3709937.5,     122.7,     145.4,       0.0);
     ( 438366.7, 3709974.0,     124.0,     145.4,       0.0);         ( 438378.0,
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3710010.5,   123.4,   145.4,   0.0);
     (438389.2, 3710047.0,   124.3,   145.4,   0.0);   (438400.5,
3710083.5,   121.9,   145.4,   0.0);
     (438411.8, 3710119.9,   114.0,   207.2,   0.0);   (438423.0,
3710156.4,   105.6,   208.6,   0.0);
     (438434.3, 3710192.9,   99.0,   208.6,   0.0);   (438445.5,
3710229.4,   97.5,   208.6,   0.0);
     (438484.9, 3710357.1,   113.5,   208.6,   0.0);   (438259.6,
3709648.1,   73.1,   207.6,   0.0);

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

     (438236.8, 3709616.3,   72.7,   211.6,   0.0);   (438357.9,
3709624.0,   80.1,   207.2,   0.0);
     (438369.2, 3709660.7,   79.2,   208.6,   0.0);   (438380.6,
3709697.5,   81.8,   208.6,   0.0);
     (438391.9, 3709734.3,   87.2,   207.6,   0.0);   (438403.3,
3709771.0,   91.9,   207.6,   0.0);
     (438414.6, 3709807.8,   102.1,   145.4,   0.0);   (438426.0,
3709844.5,   114.8,   145.4,   0.0);
     (438437.3, 3709881.3,   122.2,   145.4,   0.0);   (438448.7,
3709918.1,   134.0,   145.4,   0.0);
     (438460.0, 3709954.8,   138.2,   145.4,   0.0);   (438471.4,
3709991.6,   138.2,   145.4,   0.0);
     (438482.7, 3710028.4,   133.7,   145.4,   0.0);   (438494.0,
3710065.1,   131.8,   145.4,   0.0);
     (438505.4, 3710101.9,   132.4,   132.4,   0.0);   (438516.8,
3710138.6,   126.3,   207.0,   0.0);
     (438528.1, 3710175.4,   115.3,   208.6,   0.0);   (438539.4,
3710212.2,   105.7,   208.6,   0.0);
     (438573.5, 3710322.5,   117.4,   208.6,   0.0);   (438584.8,
3710359.2,   118.4,   208.6,   0.0);
     (438340.8, 3709589.7,   80.1,   207.0,   0.0);   (438318.0,
3709558.0,   78.6,   152.7,   0.0);
     (438439.1, 3709565.7,   93.7,   152.7,   0.0);   (438450.6,
3709602.8,   95.1,   145.4,   0.0);
     (438462.0, 3709639.8,   95.0,   145.4,   0.0);   (438473.4,
3709676.8,   90.2,   207.6,   0.0);
     (438484.8, 3709713.8,   86.2,   208.6,   0.0);   (438496.2,
3709750.8,   86.9,   208.6,   0.0);
     (438507.7, 3709787.8,   87.3,   208.6,   0.0);   (438519.1,

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3709824.8,      90.6,     208.6,       0.0);
     ( 438530.5, 3709861.8,      96.9,     208.6,       0.0);         ( 438541.9,
3709898.8,     101.0,     208.6,       0.0);
     ( 438553.4, 3709935.8,     103.9,     208.6,       0.0);         ( 438564.8,
3709972.8,     103.8,     208.6,       0.0);
     ( 438576.2, 3710009.8,     106.5,     208.6,       0.0);         ( 438587.6,
3710046.8,     118.6,     208.6,       0.0);
     ( 438599.0, 3710083.9,     132.0,     201.6,       0.0);         ( 438610.5,
3710120.9,     137.1,     137.1,       0.0);
     ( 438621.9, 3710157.9,     132.8,     207.2,       0.0);         ( 438633.3,
3710194.9,     121.7,     208.6,       0.0);
     ( 438679.0, 3710342.9,     135.9,     208.6,       0.0);         ( 438690.4,
3710379.9,     137.3,     208.6,       0.0);
     ( 438422.0, 3709531.4,      92.6,     152.7,       0.0);         ( 438399.2,
3709499.6,      93.3,     145.4,       0.0);
     ( 438520.4, 3709507.5,     115.6,     136.9,       0.0);         ( 438531.9,
3709544.7,     117.7,     136.9,       0.0);
     ( 438543.3, 3709581.9,     112.3,     136.9,       0.0);         ( 438554.8,
3709619.2,     107.2,     145.4,       0.0);
     ( 438566.3, 3709656.4,     106.1,     145.4,       0.0);         ( 438577.8,
3709693.6,     105.7,     152.4,       0.0);
     ( 438589.3, 3709730.8,     104.2,     207.2,       0.0);         ( 438600.8,
3709768.1,     101.0,     208.6,       0.0);
     ( 438612.3, 3709805.3,      96.1,     208.6,       0.0);         ( 438623.8,
3709842.5,      92.1,     208.6,       0.0);
     ( 438635.3, 3709879.7,      93.8,     208.6,       0.0);         ( 438646.8,
3709917.0,      99.0,     208.6,       0.0);
     ( 438658.2, 3709954.2,     107.0,     208.6,       0.0);         ( 438669.7,
3709991.4,     112.0,     208.6,       0.0);
     ( 438681.2, 3710028.6,     114.5,     208.6,       0.0);         ( 438692.7,
3710065.9,     119.2,     208.6,       0.0);
     ( 438704.2, 3710103.1,     128.5,     208.6,       0.0);         ( 438715.7,
3710140.3,     139.8,     207.2,       0.0);
     ( 438727.2, 3710177.5,     142.2,     207.2,       0.0);         ( 438773.1,
3710326.4,     131.2,     208.6,       0.0);
     ( 438784.6, 3710363.6,     140.8,     208.6,       0.0);         ( 438503.2,
3709473.0,     111.9,     136.9,       0.0);
     ( 438480.4, 3709441.2,     107.8,     136.9,       0.0);         ( 437273.3,
3710263.9,      63.8,     211.6,       0.0);
     ( 437239.8, 3710241.5,      63.3,     211.6,       0.0);         ( 437317.8,
3710233.4,      64.1,     211.6,       0.0);
     ( 437284.3, 3710211.1,      63.6,     211.6,       0.0);         ( 437250.8,
3710188.8,      63.2,     211.6,       0.0);
     ( 437358.4, 3710204.2,      64.7,     211.6,       0.0);         ( 437328.8,
3710180.7,      63.9,     211.6,       0.0);
     ( 437295.3, 3710158.3,      63.6,     211.6,       0.0);         ( 437386.1,
3710162.6,      64.9,     211.6,       0.0);
     ( 437356.5, 3710139.0,      63.9,     211.6,       0.0);         ( 437323.0,
3710116.7,      63.5,     211.6,       0.0);
     ( 437413.9, 3710121.0,      64.8,     211.6,       0.0);         ( 437439.6,
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3710145.9,   65.0,   211.6,   0.0);
     (437384.2, 3710097.4,   64.0,   211.6,   0.0);   (437350.8,
3710075.1,   63.4,   211.6,   0.0);
     (437441.6, 3710079.4,   64.2,   211.6,   0.0);   (437467.3,
3710104.3,   64.4,   211.6,   0.0);
     (437412.0, 3710055.8,   63.8,   211.6,   0.0);   (437378.5,
3710033.5,   63.2,   211.6,   0.0);
     (437469.3, 3710037.8,   63.4,   211.6,   0.0);   (437495.1,
3710062.7,   63.4,   211.6,   0.0);
     (437520.8, 3710087.5,   63.3,   211.6,   0.0);   (437439.7,
3710014.2,   63.3,   211.6,   0.0);

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

     (437406.2, 3709991.9,   63.0,   211.6,   0.0);   (437497.1,
3709996.2,   62.8,   211.6,   0.0);
     (437522.8, 3710021.1,   62.5,   211.6,   0.0);   (437548.5,
3710045.9,   62.8,   211.6,   0.0);
     (437467.5, 3709972.6,   62.8,   211.6,   0.0);   (437434.0,
3709950.3,   62.8,   211.6,   0.0);
     (437526.4, 3709956.2,   61.4,   211.6,   0.0);   (437555.4,
3709984.1,   61.9,   211.6,   0.0);
     (437584.3, 3710012.1,   63.0,   211.6,   0.0);   (437495.2,
3709931.0,   61.6,   211.6,   0.0);
     (437461.7, 3709908.7,   62.3,   211.6,   0.0);   (437554.0,
3709914.4,   61.5,   211.6,   0.0);
     (437582.6, 3709942.0,   62.1,   211.6,   0.0);   (437611.2,
3709969.6,   62.8,   211.6,   0.0);
     (437639.8, 3709997.2,   63.2,   211.6,   0.0);   (437522.9,
3709889.4,   60.9,   211.6,   0.0);
     (437489.4, 3709867.1,   61.0,   211.6,   0.0);   (437609.2,
3709830.9,   61.6,   211.6,   0.0);
     (437637.2, 3709858.0,   61.7,   211.6,   0.0);   (437665.3,
3709885.2,   60.0,   211.6,   0.0);
     (437693.4, 3709912.3,   59.7,   211.6,   0.0);   (437721.5,
3709939.4,   61.6,   211.6,   0.0);
     (437578.4, 3709806.2,   61.3,   211.6,   0.0);   (437544.9,
3709783.9,   60.9,   211.6,   0.0);
     (437664.5, 3709747.6,   61.3,   211.6,   0.0);   (437692.2,
3709774.3,   60.7,   211.6,   0.0);
     (437719.9, 3709801.1,   58.5,   211.6,   0.0);   (437747.6,

3709827.8,   58.7,   211.6,   0.0);
     (437775.3, 3709854.6,   59.1,   211.6,   0.0);   (437803.0,
3709881.4,   57.8,   211.6,   0.0);
     (437633.9, 3709723.0,   61.1,   211.6,   0.0);   (437600.4,
3709700.7,   60.8,   211.6,   0.0);
     (437719.8, 3709664.2,   60.9,   211.6,   0.0);   (437747.2,
3709690.7,   60.9,   211.6,   0.0);
     (437774.7, 3709717.2,   56.3,   211.6,   0.0);   (437802.1,
3709743.7,   52.4,   211.6,   0.0);
     (437829.6, 3709770.2,   58.4,   211.6,   0.0);   (437857.1,
3709796.8,   61.8,   211.6,   0.0);
     (437884.5, 3709823.2,   63.7,   211.6,   0.0);   (437689.3,
3709639.8,   60.7,   211.6,   0.0);
     (437655.8, 3709617.5,   60.5,   211.6,   0.0);   (437776.0,
3709581.7,   60.2,   211.6,   0.0);
     (437805.0, 3709609.7,   60.0,   211.6,   0.0);   (437833.9,
3709637.6,   54.3,   211.6,   0.0);
     (437862.9, 3709665.6,   57.7,   211.6,   0.0);   (437891.8,
3709693.6,   62.5,   211.6,   0.0);
     (437920.8, 3709721.5,   63.6,   211.6,   0.0);   (437949.7,
3709749.5,   65.2,   211.6,   0.0);
     (437744.8, 3709556.6,   60.0,   211.6,   0.0);   (437711.3,
3709534.3,   59.9,   211.6,   0.0);
     (437831.3, 3709498.4,   56.9,   211.6,   0.0);   (437859.9,
3709526.0,   55.1,   211.6,   0.0);
     (437888.5, 3709553.6,   52.0,   211.6,   0.0);   (437917.1,
3709581.2,   60.5,   211.6,   0.0);
     (437945.7, 3709608.8,   63.2,   211.6,   0.0);   (437974.3,
3709636.4,   64.8,   211.6,   0.0);
     (438002.9, 3709664.0,   66.6,   211.6,   0.0);   (438031.5,
3709691.6,   67.8,   211.6,   0.0);
     (437800.3, 3709473.4,   56.7,   211.6,   0.0);   (437766.8,
3709451.1,   56.4,   211.6,   0.0);
     (437886.6, 3709415.0,   52.6,   211.6,   0.0);   (437914.9,
3709442.3,   55.8,   211.6,   0.0);
     (437943.2, 3709469.7,   59.3,   211.6,   0.0);   (437971.6,
3709497.0,   61.5,   211.6,   0.0);
     (437999.9, 3709524.3,   63.3,   211.6,   0.0);   (438028.2,
3709551.7,   67.1,   211.6,   0.0);
     (438056.5, 3709579.0,   67.5,   211.6,   0.0);   (438084.8,
3709606.3,   68.8,   211.6,   0.0);
     (438113.1, 3709633.7,   70.1,   211.6,   0.0);   (437855.7,
3709390.2,   50.1,   211.6,   0.0);
     (437822.2, 3709367.9,   48.6,   211.6,   0.0);   (437942.0,
3709331.7,   58.2,   211.6,   0.0);
     (437970.0, 3709358.8,   59.4,   211.6,   0.0);   (437998.1,
3709385.9,   59.8,   211.6,   0.0);
     (438026.2, 3709413.0,   61.3,   211.6,   0.0);   (438054.3,
3709440.1,   66.8,   211.6,   0.0);
     (438082.4, 3709467.2,   67.7,   211.6,   0.0);   (438110.4,

3709494.3,   67.6,   211.6,   0.0);
     (438138.5, 3709521.4,   69.2,   211.6,   0.0);   (438166.6,
3709548.5,   70.4,   211.6,   0.0);
     (438194.7, 3709575.7,   71.6,   211.6,   0.0);   (437911.2,
3709307.0,   57.6,   211.6,   0.0);
     (437877.7, 3709284.7,   57.8,   211.6,   0.0);   (437997.3,
3709248.4,   58.2,   211.6,   0.0);
     (438025.2, 3709275.3,   58.6,   211.6,   0.0);   (438053.1,
3709302.2,   61.5,   211.6,   0.0);
     (438081.0, 3709329.1,   65.4,   211.6,   0.0);   (438108.9,
3709356.1,   68.0,   211.6,   0.0);
     (438136.8, 3709383.0,   67.8,   211.6,   0.0);   (438164.6,
3709409.9,   67.6,   211.6,   0.0);

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

     (438192.5, 3709436.8,   69.2,   211.6,   0.0);   (438220.4,
3709463.8,   70.2,   211.6,   0.0);
     (438248.3, 3709490.7,   71.8,   211.6,   0.0);   (438276.2,
3709517.6,   73.1,   153.3,   0.0);
     (437966.7, 3709223.8,   58.2,   211.6,   0.0);   (437933.2,
3709201.4,   57.6,   211.6,   0.0);
     (438053.3, 3709165.6,   59.6,   211.6,   0.0);   (438082.1,
3709193.5,   61.0,   211.6,   0.0);
     (438110.9, 3709221.3,   64.9,   211.6,   0.0);   (438139.8,
3709249.1,   68.2,   211.6,   0.0);
     (438168.6, 3709277.0,   67.9,   211.6,   0.0);   (438197.4,
3709304.8,   66.4,   211.6,   0.0);
     (438226.2, 3709332.6,   67.0,   211.6,   0.0);   (438255.1,
3709360.5,   69.2,   211.6,   0.0);
     (438283.9, 3709388.3,   70.6,   210.0,   0.0);   (438312.7,
3709416.1,   73.0,   153.3,   0.0);
     (438341.5, 3709443.9,   82.9,   152.7,   0.0);   (438370.4,
3709471.8,   92.4,   145.4,   0.0);
     (438022.1, 3709140.6,   58.8,   211.6,   0.0);   (437988.6,
3709118.2,   57.8,   211.6,   0.0);
     (438108.6, 3709082.3,   59.6,   211.6,   0.0);   (438137.2,
3709109.9,   63.2,   211.6,   0.0);
     (438165.8, 3709137.5,   66.7,   211.6,   0.0);   (438194.4,
3709165.2,   66.7,   211.6,   0.0);
     (438223.0, 3709192.8,   64.7,   211.6,   0.0);   (438251.6,

```
3709220.4,      64.5,     211.6,       0.0);
     ( 438280.2, 3709248.0,      65.2,     211.6,       0.0);         ( 438308.8,
3709275.6,      67.5,     153.3,       0.0);
     ( 438337.4, 3709303.2,      70.4,     153.3,       0.0);         ( 438366.0,
3709330.8,      83.9,     153.3,       0.0);
     ( 438394.6, 3709358.4,      96.2,     136.9,       0.0);         ( 438423.2,
3709386.0,     104.2,     136.9,       0.0);
     ( 438451.8, 3709413.6,     105.8,     136.9,       0.0);         ( 438077.6,
3709057.4,      57.2,     211.6,       0.0);
     ( 438044.1, 3709035.0,      58.1,     211.6,       0.0);         ( 437216.5,
3710215.9,      63.0,     211.6,       0.0);
     ( 437560.2, 3710008.6,      62.6,     211.6,       0.0);         ( 437925.0,
3709745.1,      64.0,     211.6,       0.0);
     ( 438006.1, 3709686.6,      66.8,     211.6,       0.0);         ( 437280.8,
3710233.2,      63.7,     211.6,       0.0);
     ( 437322.7, 3710276.3,      64.6,     211.6,       0.0);         ( 437378.6,
3710253.9,      66.3,     211.6,       0.0);
     ( 437431.0, 3710248.0,      69.5,     211.6,       0.0);         ( 437616.2,
3710338.6,      65.1,     211.6,       0.0);
     ( 437665.1, 3710349.0,      64.5,     211.6,       0.0);         ( 437762.9,
3710369.7,      64.2,     211.6,       0.0);
     ( 437860.8, 3710390.5,      65.6,     211.6,       0.0);         ( 437867.7,
3710357.7,      66.3,     211.6,       0.0);
     ( 437958.6, 3710411.2,      67.6,     210.9,       0.0);         ( 437965.5,
3710378.5,      66.9,     211.6,       0.0);
     ( 438056.4, 3710432.0,      65.0,     208.6,       0.0);         ( 437265.3,
3710160.3,      63.3,     211.6,       0.0);
     ( 437512.3, 3710332.2,      66.0,     211.6,       0.0);         ( 437555.5,
3710357.4,      65.5,     211.6,       0.0);
     ( 437567.4, 3710337.1,      65.5,     211.6,       0.0);         ( 437617.9,
3710448.6,      65.3,     211.6,       0.0);
     ( 437704.2, 3710499.1,      65.9,     211.6,       0.0);         ( 437716.1,
3710478.8,      65.7,     211.6,       0.0);
     ( 437814.4, 3710509.0,      66.4,     211.6,       0.0);         ( 437826.3,
3710488.6,      66.2,     211.6,       0.0);
     ( 437888.8, 3710579.8,      67.0,     207.2,       0.0);         ( 437900.7,
3710559.5,      66.8,     207.6,       0.0);
     ( 437912.6, 3710539.1,      66.5,     208.6,       0.0);         ( 437998.9,
3710589.7,      68.9,     208.6,       0.0);
     ( 438073.3, 3710660.5,      68.1,     208.6,       0.0);         ( 438085.2,
3710640.2,      68.5,     208.6,       0.0);
     ( 437259.9, 3710108.1,      63.1,     211.6,       0.0);         ( 437229.3,
3710080.3,      62.7,     211.6,       0.0);
     ( 437209.7, 3710067.8,      61.9,     211.6,       0.0);         ( 437190.0,
3710055.3,      58.5,     211.6,       0.0);
     ( 437170.4, 3710042.8,      53.7,     211.6,       0.0);         ( 437150.8,
3710030.3,      50.1,     211.6,       0.0);
     ( 437286.7, 3710065.9,      63.0,     211.6,       0.0);         ( 437308.5,
3710096.3,      63.3,     211.6,       0.0);
     ( 437256.2, 3710038.2,      62.6,     211.6,       0.0);         ( 437236.5,
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3710025.7,   62.4,   211.6,   0.0);
     (437216.9, 3710013.2,   61.4,   211.6,   0.0);   (437197.2,
3710000.7,   57.8,   211.6,   0.0);
     (437177.6, 3709988.2,   52.0,   211.6,   0.0);   (437315.7,
3710026.8,   62.9,   211.6,   0.0);
     (437358.1, 3710166.4,   64.2,   211.6,   0.0);   (437283.0,
3709996.0,   62.4,   211.6,   0.0);
     (437263.4, 3709983.5,   62.2,   211.6,   0.0);   (437243.7,
3709971.0,   61.9,   211.6,   0.0);
     (437224.1, 3709958.5,   60.8,   211.6,   0.0);   (437204.4,
3709946.0,   56.2,   211.6,   0.0);
     (437342.0, 3709983.7,   62.5,   211.6,   0.0);   (437407.2,
3710151.5,   65.0,   211.6,   0.0);
     (437401.0, 3710193.8,   65.3,   211.6,   0.0);   (437309.9,
3709953.8,   62.4,   211.6,   0.0);

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

     (437290.2, 3709941.3,   62.1,   211.6,   0.0);   (437270.6,
3709928.8,   61.9,   211.6,   0.0);
     (437250.9, 3709916.3,   61.1,   211.6,   0.0);   (437231.3,
3709903.8,   57.5,   211.6,   0.0);
     (437368.5, 3709941.0,   62.2,   211.6,   0.0);   (437441.0,
3710042.5,   63.6,   211.6,   0.0);
     (437336.7, 3709911.6,   61.9,   211.6,   0.0);   (437317.1,
3709899.1,   61.8,   211.6,   0.0);
     (437297.4, 3709886.6,   61.7,   211.6,   0.0);   (437277.8,
3709874.1,   61.4,   211.6,   0.0);
     (437258.1, 3709861.6,   60.1,   211.6,   0.0);   (437396.3,
3709900.2,   62.0,   211.6,   0.0);
     (437474.6, 3710009.8,   63.2,   211.6,   0.0);   (437507.2,
3710108.9,   63.8,   211.6,   0.0);
     (437497.4, 3710175.5,   68.2,   211.6,   0.0);   (437363.6,
3709869.4,   61.5,   211.6,   0.0);
     (437343.9, 3709856.9,   61.4,   211.6,   0.0);   (437324.3,
3709844.4,   61.3,   211.6,   0.0);
     (437304.6, 3709831.9,   61.2,   211.6,   0.0);   (437285.0,
3709819.4,   61.0,   211.6,   0.0);
     (437422.7, 3709857.5,   61.7,   211.6,   0.0);   (437498.9,
3709964.0,   62.1,   211.6,   0.0);
     (437559.2, 3710074.4,   63.4,   211.6,   0.0);   (437533.7,

```
3710247.1,      67.1,     211.6,       0.0);
     ( 437390.4, 3709827.3,      61.3,     211.6,       0.0);         ( 437370.8,
3709814.8,      61.2,     211.6,       0.0);
     ( 437351.1, 3709802.2,      61.1,     211.6,       0.0);         ( 437331.5,
3709789.8,      60.9,     211.6,       0.0);
     ( 437311.8, 3709777.2,      60.8,     211.6,       0.0);         ( 437450.3,
3709816.3,      61.5,     211.6,       0.0);
     ( 437463.7, 3709835.0,      61.6,     211.6,       0.0);         ( 437530.6,
3709928.7,      61.1,     211.6,       0.0);
     ( 437594.2, 3710154.9,      67.0,     211.6,       0.0);         ( 437580.8,
3710246.0,      65.8,     211.6,       0.0);
     ( 437436.9, 3709797.6,      61.4,     211.6,       0.0);         ( 437417.2,
3709785.1,      61.2,     211.6,       0.0);
     ( 437397.6, 3709772.6,      61.0,     211.6,       0.0);         ( 437378.0,
3709760.1,      60.8,     211.6,       0.0);
     ( 437358.3, 3709747.6,      60.6,     211.6,       0.0);         ( 437338.7,
3709735.1,      60.4,     211.6,       0.0);
     ( 437476.8, 3709773.6,      60.6,     211.6,       0.0);         ( 437502.9,
3709810.2,      60.5,     211.6,       0.0);
     ( 437529.0, 3709846.7,      61.1,     211.6,       0.0);         ( 437555.1,
3709883.2,      61.8,     211.6,       0.0);
     ( 437656.3, 3710051.5,      64.5,     211.6,       0.0);         ( 437444.1,
3709742.9,      60.8,     211.6,       0.0);
     ( 437424.4, 3709730.4,      60.8,     211.6,       0.0);         ( 437404.8,
3709717.9,      60.6,     211.6,       0.0);
     ( 437385.1, 3709705.4,      60.4,     211.6,       0.0);         ( 437365.5,
3709692.9,      60.1,     211.6,       0.0);
     ( 437503.4, 3709731.1,      60.1,     211.6,       0.0);         ( 437529.0,
3709766.9,      60.6,     211.6,       0.0);
     ( 437580.2, 3709838.5,      61.8,     211.6,       0.0);         ( 437605.8,
3709874.3,      62.2,     211.6,       0.0);
     ( 437631.3, 3709910.1,      62.4,     211.6,       0.0);         ( 437656.9,
3709945.9,      61.9,     211.6,       0.0);
     ( 437682.5, 3709981.7,      62.5,     211.6,       0.0);         ( 437692.1,
3710126.4,      65.2,     211.6,       0.0);
     ( 437679.3, 3710213.4,      65.2,     211.6,       0.0);         ( 437470.9,
3709700.7,      60.1,     211.6,       0.0);
     ( 437451.3, 3709688.2,      60.4,     211.6,       0.0);         ( 437431.6,
3709675.7,      60.5,     211.6,       0.0);
     ( 437412.0, 3709663.2,      60.1,     211.6,       0.0);         ( 437392.3,
3709650.7,      57.6,     211.6,       0.0);
     ( 437557.3, 3709647.1,      60.0,     211.6,       0.0);         ( 437583.4,
3709683.6,      60.6,     211.6,       0.0);
     ( 437635.6, 3709756.6,      61.4,     211.6,       0.0);         ( 437661.7,
3709793.2,      60.1,     211.6,       0.0);
     ( 437687.8, 3709829.7,      58.8,     211.6,       0.0);         ( 437714.0,
3709866.2,      59.1,     211.6,       0.0);
     ( 437740.1, 3709902.7,      61.0,     211.6,       0.0);         ( 437766.2,
3709939.2,      61.3,     211.6,       0.0);
     ( 437792.3, 3709975.8,      59.2,     211.6,       0.0);         ( 437789.0,
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3710105.0,   64.3,   211.6,   0.0);
     (437782.5, 3710149.4,   63.9,   211.6,   0.0);   (437775.9,
3710193.9,   63.8,   211.6,   0.0);
     (437524.6, 3709616.3,   59.3,   211.6,   0.0);   (437505.0,
3709603.8,   58.8,   211.6,   0.0);
     (437485.3, 3709591.3,   58.8,   211.6,   0.0);   (437465.7,
3709578.8,   58.9,   211.6,   0.0);
     (437446.0, 3709566.3,   58.8,   211.6,   0.0);   (437611.2,
3709563.0,   59.9,   211.6,   0.0);
     (437624.4, 3709581.5,   60.1,   211.6,   0.0);   (437637.7,
3709600.0,   60.3,   211.6,   0.0);
     (437690.6, 3709674.1,   60.9,   211.6,   0.0);   (437703.9,
3709692.7,   61.0,   211.6,   0.0);
     (437717.1, 3709711.2,   61.2,   211.6,   0.0);   (437730.4,
3709729.7,   60.6,   211.6,   0.0);
     (437743.6, 3709748.2,   59.0,   211.6,   0.0);   (437756.9,
3709766.8,   56.2,   211.6,   0.0);

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

     (437770.1, 3709785.3,   54.7,   211.6,   0.0);   (437783.3,
3709803.8,   54.3,   211.6,   0.0);
     (437796.6, 3709822.3,   54.6,   211.6,   0.0);   (437809.8,
3709840.8,   58.2,   211.6,   0.0);
     (437823.1, 3709859.4,   61.0,   211.6,   0.0);   (437836.3,
3709877.9,   61.9,   211.6,   0.0);
     (437862.8, 3709914.9,   64.0,   211.6,   0.0);   (437876.0,
3709933.5,   64.5,   211.6,   0.0);
     (437889.3, 3709952.0,   65.7,   211.6,   0.0);   (437899.2,
3709993.0,   69.2,   211.6,   0.0);
     (437882.6, 3710105.7,   62.3,   211.6,   0.0);   (437879.3,
3710128.2,   61.0,   211.6,   0.0);
     (437876.0, 3710150.7,   61.6,   211.6,   0.0);   (437872.7,
3710173.2,   63.7,   211.6,   0.0);
     (437869.4, 3710195.8,   66.2,   211.6,   0.0);   (437856.1,
3710285.9,   63.4,   211.6,   0.0);
     (437852.8, 3710308.4,   64.5,   211.6,   0.0);   (437849.5,
3710330.9,   65.8,   211.6,   0.0);
     (437842.8, 3710376.0,   65.5,   211.6,   0.0);   (437839.5,
3710398.5,   65.4,   211.6,   0.0);
     (437836.2, 3710421.0,   65.7,   211.6,   0.0);   (437832.9,

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3710443.6,      66.1,     211.6,       0.0);
     ( 437829.6, 3710466.1,      66.1,     211.6,       0.0);         ( 437598.0,
3709544.5,      59.8,     211.6,       0.0);
     ( 437578.3, 3709532.0,      59.6,     211.6,       0.0);         ( 437558.7,
3709519.5,      59.3,     211.6,       0.0);
     ( 437539.0, 3709507.0,      59.0,     211.6,       0.0);         ( 437519.4,
3709494.5,      58.5,     211.6,       0.0);
     ( 437499.7, 3709482.0,      58.4,     211.6,       0.0);         ( 437665.0,
3709478.8,      59.4,     211.6,       0.0);
     ( 437678.4, 3709497.6,      59.6,     211.6,       0.0);         ( 437691.8,
3709516.3,      59.8,     211.6,       0.0);
     ( 437745.4, 3709591.2,      60.3,     211.6,       0.0);         ( 437758.7,
3709609.9,      60.5,     211.6,       0.0);
     ( 437772.1, 3709628.6,      60.7,     211.6,       0.0);         ( 437785.5,
3709647.4,      60.6,     211.6,       0.0);
     ( 437798.9, 3709666.1,      58.1,     211.6,       0.0);         ( 437812.3,
3709684.8,      54.0,     211.6,       0.0);
     ( 437825.7, 3709703.6,      53.9,     211.6,       0.0);         ( 437839.1,
3709722.3,      58.9,     211.6,       0.0);
     ( 437852.5, 3709741.0,      62.1,     211.6,       0.0);         ( 437865.8,
3709759.7,      62.6,     211.6,       0.0);
     ( 437879.2, 3709778.5,      63.1,     211.6,       0.0);         ( 437892.6,
3709797.2,      63.7,     211.6,       0.0);
     ( 437906.0, 3709815.9,      64.3,     211.6,       0.0);         ( 437959.6,
3709890.8,      69.0,     211.6,       0.0);
     ( 437986.3, 3709928.3,      71.8,     211.6,       0.0);         ( 437996.4,
3709969.8,      71.9,     211.6,       0.0);
     ( 437979.6, 3710083.6,      72.0,     211.6,       0.0);         ( 437976.3,
3710106.4,      72.6,     211.6,       0.0);
     ( 437972.9, 3710129.2,      73.4,     211.6,       0.0);         ( 437969.6,
3710152.0,      74.0,     211.6,       0.0);
     ( 437966.2, 3710174.8,      74.3,     211.6,       0.0);         ( 437962.9,
3710197.5,      74.2,     211.6,       0.0);
     ( 437952.8, 3710265.8,      72.5,     211.6,       0.0);         ( 437949.5,
3710288.6,      67.9,     211.6,       0.0);
     ( 437946.1, 3710311.4,      64.9,     211.6,       0.0);         ( 437942.7,
3710334.2,      65.2,     211.6,       0.0);
     ( 437939.4, 3710356.9,      66.9,     211.6,       0.0);         ( 437936.0,
3710379.7,      67.3,     211.6,       0.0);
     ( 437932.7, 3710402.5,      67.5,     211.6,       0.0);         ( 437929.3,
3710425.3,      67.4,     211.6,       0.0);
     ( 437926.0, 3710448.0,      67.1,     211.6,       0.0);         ( 437922.6,
3710470.8,      66.8,     210.9,       0.0);
     ( 437919.3, 3710493.6,      66.5,     208.6,       0.0);         ( 437915.9,
3710516.4,      66.5,     208.6,       0.0);
     ( 437651.6, 3709460.1,      59.2,     211.6,       0.0);         ( 437632.0,
3709447.6,      59.0,     211.6,       0.0);
     ( 437612.3, 3709435.1,      58.8,     211.6,       0.0);         ( 437592.7,
3709422.6,      58.7,     211.6,       0.0);
     ( 437573.1, 3709410.1,      58.5,     211.6,       0.0);         ( 437553.4,
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3709397.6,   58.3,   211.6,   0.0);
     (437718.8, 3709394.6,   53.6,   211.6,   0.0);   (437732.3,
3709413.5,   54.2,   211.6,   0.0);
     (437745.8, 3709432.4,   54.8,   211.6,   0.0);   (437799.8,
3709508.0,   59.0,   211.6,   0.0);
     (437813.3, 3709526.8,   59.5,   211.6,   0.0);   (437826.9,
3709545.7,   59.4,   211.6,   0.0);
     (437840.4, 3709564.6,   57.5,   211.6,   0.0);   (437853.9,
3709583.5,   53.5,   211.6,   0.0);
     (437867.4, 3709602.4,   52.5,   211.6,   0.0);   (437880.9,
3709621.3,   56.0,   211.6,   0.0);
     (437894.4, 3709640.2,   60.4,   211.6,   0.0);   (437907.9,
3709659.1,   62.1,   211.6,   0.0);
     (437921.4, 3709677.9,   62.9,   211.6,   0.0);   (437934.9,
3709696.8,   63.7,   211.6,   0.0);
     (437948.4, 3709715.7,   64.7,   211.6,   0.0);   (437975.4,
3709753.5,   66.2,   211.6,   0.0);
     (438056.4, 3709866.8,   70.6,   211.6,   0.0);   (438069.9,
3709885.7,   71.9,   211.6,   0.0);

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

     (438083.4, 3709904.6,   74.6,   211.6,   0.0);   (438093.5,
3709946.5,   81.9,   198.3,   0.0);
     (438090.2, 3709969.4,   83.7,   198.3,   0.0);   (438076.6,
3710061.3,   84.3,   198.3,   0.0);
     (438073.3, 3710084.3,   86.2,   198.3,   0.0);   (438069.9,
3710107.3,   89.8,   198.3,   0.0);
     (438066.5, 3710130.2,   93.0,   145.4,   0.0);   (438063.1,
3710153.2,   95.1,   145.4,   0.0);
     (438059.7, 3710176.2,   96.1,   145.4,   0.0);   (438042.8,
3710291.0,   92.2,   198.3,   0.0);
     (438039.5, 3710314.0,   84.2,   207.0,   0.0);   (438036.1,
3710337.0,   75.5,   208.6,   0.0);
     (438032.7, 3710359.9,   67.7,   208.6,   0.0);   (438029.3,
3710382.9,   63.5,   211.6,   0.0);
     (438025.9, 3710405.9,   65.4,   208.6,   0.0);   (438022.5,
3710428.9,   67.0,   208.6,   0.0);
     (438019.2, 3710451.8,   68.0,   208.6,   0.0);   (438015.8,
3710474.8,   68.4,   208.6,   0.0);
     (438012.4, 3710497.8,   68.8,   208.6,   0.0);   (438009.0,

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3710520.7,      69.1,     208.6,       0.0);
     ( 438005.6, 3710543.7,      69.2,     208.6,       0.0);         ( 438002.3,
3710566.7,      69.1,     208.6,       0.0);
     ( 437705.3, 3709375.7,      53.5,     211.6,       0.0);         ( 437685.7,
3709363.2,      54.1,     211.6,       0.0);
     ( 437666.0, 3709350.7,      56.3,     211.6,       0.0);         ( 437646.4,
3709338.2,      57.5,     211.6,       0.0);
     ( 437626.7, 3709325.7,      57.8,     211.6,       0.0);         ( 437607.1,
3709313.2,      57.7,     211.6,       0.0);
     ( 437772.2, 3709309.8,      48.7,     211.6,       0.0);         ( 437785.4,
3709328.3,      49.0,     211.6,       0.0);
     ( 437798.6, 3709346.7,      49.2,     211.6,       0.0);         ( 437851.3,
3709420.5,      50.4,     211.6,       0.0);
     ( 437864.5, 3709438.9,      50.3,     211.6,       0.0);         ( 437877.7,
3709457.4,      50.5,     211.6,       0.0);
     ( 437890.9, 3709475.8,      50.1,     211.6,       0.0);         ( 437904.0,
3709494.2,      50.2,     211.6,       0.0);
     ( 437917.2, 3709512.7,      54.0,     211.6,       0.0);         ( 437930.4,
3709531.1,      58.2,     211.6,       0.0);
     ( 437943.6, 3709549.6,      61.4,     211.6,       0.0);         ( 437956.8,
3709568.0,      62.8,     211.6,       0.0);
     ( 437970.0, 3709586.5,      63.9,     211.6,       0.0);         ( 437983.2,
3709604.9,      65.0,     211.6,       0.0);
     ( 437996.3, 3709623.3,      66.1,     211.6,       0.0);         ( 438009.5,
3709641.8,      66.7,     211.6,       0.0);
     ( 438154.6, 3709844.7,      73.1,     211.6,       0.0);         ( 438167.8,
3709863.1,      73.5,     211.6,       0.0);
     ( 438180.9, 3709881.5,      74.0,     210.0,       0.0);         ( 438190.8,
3709922.4,      77.0,     208.6,       0.0);
     ( 438171.0, 3710057.0,      82.3,     208.6,       0.0);         ( 438167.7,
3710079.4,      84.0,     208.6,       0.0);
     ( 438161.1, 3710124.3,      88.7,     207.2,       0.0);         ( 438157.8,
3710146.7,      91.7,     207.0,       0.0);
     ( 438154.5, 3710169.1,      94.7,     198.3,       0.0);         ( 438138.0,
3710281.3,     107.7,     122.5,       0.0);
     ( 438134.7, 3710303.7,     105.9,     122.5,       0.0);         ( 438131.4,
3710326.1,     101.6,     198.3,       0.0);
     ( 438124.8, 3710371.0,      86.8,     208.6,       0.0);         ( 438121.5,
3710393.4,      79.7,     208.6,       0.0);
     ( 438111.6, 3710460.7,      69.6,     208.6,       0.0);         ( 438108.3,
3710483.2,      68.0,     208.6,       0.0);
     ( 438101.7, 3710528.0,      66.1,     208.6,       0.0);         ( 438098.4,
3710550.4,      66.4,     208.6,       0.0);
     ( 438095.1, 3710572.9,      67.1,     208.6,       0.0);         ( 438088.5,
3710617.7,      68.4,     208.6,       0.0);
     ( 437759.0, 3709291.4,      48.5,     211.6,       0.0);         ( 437739.4,
3709278.9,      48.9,     211.6,       0.0);
     ( 437719.7, 3709266.4,      49.4,     211.6,       0.0);         ( 437700.1,
3709253.9,      49.9,     211.6,       0.0);
     ( 437680.4, 3709241.4,      49.9,     211.6,       0.0);         ( 437660.8,
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3709228.9,   50.5,   211.6,   0.0);
     (437826.0, 3709225.6,   56.1,   211.6,   0.0);   (437839.3,
3709244.2,   57.1,   211.6,   0.0);
     (437852.6, 3709262.8,   57.7,   211.6,   0.0);   (437905.8,
3709337.2,   58.3,   211.6,   0.0);
     (437919.1, 3709355.8,   58.9,   211.6,   0.0);   (437932.4,
3709374.4,   59.6,   211.6,   0.0);
     (437945.6, 3709393.0,   59.9,   211.6,   0.0);   (437959.0,
3709411.6,   60.2,   211.6,   0.0);
     (437972.2, 3709430.2,   60.3,   211.6,   0.0);   (437985.5,
3709448.8,   60.9,   211.6,   0.0);
     (437998.8, 3709467.4,   61.4,   211.6,   0.0);   (438012.1,
3709486.0,   63.4,   211.6,   0.0);
     (438025.4, 3709504.6,   65.8,   211.6,   0.0);   (438038.7,
3709523.1,   67.0,   211.6,   0.0);
     (438052.0, 3709541.8,   67.5,   211.6,   0.0);   (438131.8,
3709653.3,   70.2,   211.6,   0.0);
     (438238.1, 3709802.1,   85.2,   207.0,   0.0);   (438251.4,
3709820.7,   87.9,   207.0,   0.0);
     (438264.7, 3709839.3,   88.5,   207.0,   0.0);   (438278.0,
3709857.9,   90.2,   207.2,   0.0);

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

     (438288.0, 3709899.1,   96.0,   201.6,   0.0);   (438284.7,
3709921.7,   96.6,   201.6,   0.0);
     (438281.3, 3709944.3,   93.6,   207.2,   0.0);   (438264.7,
3710057.4,   84.0,   208.6,   0.0);
     (438261.4, 3710080.0,   84.3,   208.6,   0.0);   (438258.0,
3710102.6,   85.0,   208.6,   0.0);
     (438254.7, 3710125.3,   86.0,   208.6,   0.0);   (438251.4,
3710147.9,   86.8,   208.6,   0.0);
     (438234.7, 3710261.0,   92.5,   208.6,   0.0);   (438231.4,
3710283.6,   97.5,   207.6,   0.0);
     (438228.1, 3710306.2,   104.1,   198.3,   0.0);   (438224.8,
3710328.8,   111.2,   198.3,   0.0);
     (438221.4, 3710351.4,   118.3,   122.5,   0.0);   (438218.1,
3710374.0,   121.3,   122.5,   0.0);
     (438201.5, 3710487.1,   96.7,   207.6,   0.0);   (438198.1,
3710509.8,   93.5,   208.6,   0.0);
     (438194.8, 3710532.4,   91.5,   208.6,   0.0);   (438191.5,

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3710555.0,      89.6,     208.6,       0.0);
     ( 438188.1, 3710577.6,      90.3,     208.6,       0.0);         ( 438184.8,
3710600.2,      94.5,     207.6,       0.0);
     ( 438181.5, 3710622.8,     102.5,     198.3,       0.0);         ( 438178.1,
3710645.4,     102.8,     198.3,       0.0);
     ( 437812.7, 3709207.0,      55.0,     211.6,       0.0);         ( 437793.1,
3709194.5,      53.1,     211.6,       0.0);
     ( 437773.4, 3709182.0,      52.5,     211.6,       0.0);         ( 437753.8,
3709169.5,      52.1,     211.6,       0.0);
     ( 437734.1, 3709157.0,      52.1,     211.6,       0.0);         ( 437714.5,
3709144.5,      52.3,     211.6,       0.0);
     ( 437879.8, 3709141.4,      56.7,     211.6,       0.0);         ( 437893.2,
3709160.1,      56.9,     211.6,       0.0);
     ( 437906.5, 3709178.8,      57.1,     211.6,       0.0);         ( 437946.7,
3709235.0,      58.0,     211.6,       0.0);
     ( 437960.1, 3709253.7,      58.1,     211.6,       0.0);         ( 437973.5,
3709272.5,      58.0,     211.6,       0.0);
     ( 437986.9, 3709291.2,      58.0,     211.6,       0.0);         ( 438000.3,
3709309.9,      58.2,     211.6,       0.0);
     ( 438013.7, 3709328.6,      59.0,     211.6,       0.0);         ( 438027.0,
3709347.4,      59.9,     211.6,       0.0);
     ( 438040.4, 3709366.1,      61.9,     211.6,       0.0);         ( 438053.8,
3709384.8,      64.3,     211.6,       0.0);
     ( 438067.2, 3709403.5,      66.4,     211.6,       0.0);         ( 438080.6,
3709422.3,      67.7,     211.6,       0.0);
     ( 438094.0, 3709441.0,      67.8,     211.6,       0.0);         ( 438107.4,
3709459.7,      67.6,     211.6,       0.0);
     ( 438134.1, 3709497.2,      68.2,     211.6,       0.0);         ( 438214.5,
3709609.5,      72.5,     211.6,       0.0);
     ( 438321.6, 3709759.3,      98.6,     145.4,       0.0);         ( 438335.0,
3709778.1,     100.1,     145.4,       0.0);
     ( 438348.4, 3709796.8,     102.6,     145.4,       0.0);         ( 438361.7,
3709815.5,     108.1,     145.4,       0.0);
     ( 438375.1, 3709834.3,     113.0,     145.4,       0.0);         ( 438385.2,
3709875.8,     126.1,     145.4,       0.0);
     ( 438381.8, 3709898.5,     130.0,     145.4,       0.0);         ( 438378.5,
3709921.3,     131.8,     145.4,       0.0);
     ( 438361.7, 3710035.2,     114.4,     145.4,       0.0);         ( 438358.3,
3710057.9,     111.3,     198.3,       0.0);
     ( 438355.0, 3710080.7,     108.0,     207.0,       0.0);         ( 438351.6,
3710103.5,     103.7,     207.6,       0.0);
     ( 438348.3, 3710126.3,      97.4,     208.6,       0.0);         ( 438344.9,
3710149.0,      92.5,     208.6,       0.0);
     ( 438328.2, 3710262.9,      91.2,     208.6,       0.0);         ( 438324.8,
3710285.7,      91.4,     208.6,       0.0);
     ( 438321.5, 3710308.5,      90.8,     208.6,       0.0);         ( 438318.1,
3710331.2,      90.6,     208.6,       0.0);
     ( 438314.8, 3710354.0,      91.4,     208.6,       0.0);         ( 438311.4,
3710376.8,      93.3,     208.6,       0.0);
     ( 438294.7, 3710490.7,     110.9,     207.0,       0.0);         ( 438291.3,
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3710513.4,   114.0,   198.3,   0.0);
     (438288.0, 3710536.2,   117.6,   198.3,   0.0);   (438284.6,
3710559.0,   122.0,   185.0,   0.0);
     (438281.3, 3710581.8,   126.1,   136.0,   0.0);   (438277.9,
3710604.5,   129.7,   136.0,   0.0);
     (438274.5, 3710627.3,   133.2,   133.2,   0.0);   (437866.4,
3709122.6,   56.7,   211.6,   0.0);
     (437846.7, 3709110.1,   56.7,   211.6,   0.0);   (437827.1,
3709097.6,   56.6,   211.6,   0.0);
     (437807.5, 3709085.1,   56.3,   211.6,   0.0);   (437787.8,
3709072.6,   55.7,   211.6,   0.0);
     (437768.2, 3709060.1,   54.9,   211.6,   0.0);   (437933.5,
3709057.1,   57.3,   211.6,   0.0);
     (437947.0, 3709076.0,   57.2,   211.6,   0.0);   (437960.5,
3709094.8,   57.2,   211.6,   0.0);
     (438000.9, 3709151.3,   58.9,   211.6,   0.0);   (438014.3,
3709170.1,   58.8,   211.6,   0.0);
     (438027.8, 3709189.0,   58.8,   211.6,   0.0);   (438041.3,
3709207.8,   58.9,   211.6,   0.0);
     (438054.8, 3709226.7,   59.8,   211.6,   0.0);   (438068.2,
3709245.5,   61.2,   211.6,   0.0);
     (438081.7, 3709264.3,   63.1,   211.6,   0.0);   (438095.2,
3709283.2,   65.4,   211.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (438108.6, 3709302.0,   67.3,   211.6,   0.0);   (438122.1,
3709320.8,   68.1,   211.6,   0.0);
     (438135.6, 3709339.7,   68.1,   211.6,   0.0);   (438149.0,
3709358.5,   67.7,   211.6,   0.0);
     (438162.5, 3709377.4,   67.4,   211.6,   0.0);   (438283.7,
3709546.9,   74.7,   152.7,   0.0);
     (438310.6, 3709584.6,   76.9,   207.0,   0.0);   (438418.4,
3709735.3,   82.2,   208.6,   0.0);
     (438431.8, 3709754.1,   84.7,   208.6,   0.0);   (438445.3,
3709773.0,   88.3,   208.6,   0.0);
     (438458.8, 3709791.8,   92.5,   208.6,   0.0);   (438472.2,
3709810.6,   95.2,   208.6,   0.0);
     (438482.3, 3709852.4,   106.8,   207.2,   0.0);   (438479.0,
3709875.3,   115.3,   145.4,   0.0);
     (438475.6, 3709898.2,   122.6,   145.4,   0.0);   (438472.2,

3709921.1,   128.4,   145.4,   0.0);
     (438458.7, 3710012.8,   140.1,   145.4,   0.0);   (438455.4,
3710035.7,   138.8,   145.4,   0.0);
     (438452.0, 3710058.6,   137.4,   145.4,   0.0);   (438448.6,
3710081.5,   134.1,   145.4,   0.0);
     (438445.3, 3710104.4,   127.6,   145.4,   0.0);   (438441.9,
3710127.3,   118.0,   207.0,   0.0);
     (438425.0, 3710241.9,   96.3,   208.6,   0.0);   (438421.6,
3710264.8,   97.1,   208.6,   0.0);
     (438418.3, 3710287.7,   100.3,   208.6,   0.0);   (438414.9,
3710310.6,   105.0,   208.6,   0.0);
     (438411.5, 3710333.5,   107.7,   208.6,   0.0);   (438408.2,
3710356.4,   108.8,   208.6,   0.0);
     (438387.9, 3710493.9,   99.4,   208.6,   0.0);   (438384.6,
3710516.8,   97.8,   208.6,   0.0);
     (438381.2, 3710539.7,   97.6,   208.6,   0.0);   (438377.8,
3710562.6,   99.1,   208.6,   0.0);
     (438374.5, 3710585.5,   102.0,   208.6,   0.0);   (438371.1,
3710608.4,   106.4,   208.6,   0.0);
     (437920.1, 3709038.3,   57.2,   211.6,   0.0);   (437900.4,
3709025.8,   57.0,   211.6,   0.0);
     (437880.8, 3709013.3,   57.1,   211.6,   0.0);   (437861.1,
3709000.8,   57.2,   211.6,   0.0);
     (437841.5, 3708988.3,   57.2,   211.6,   0.0);   (437821.8,
3708975.8,   57.2,   211.6,   0.0);
     (437987.3, 3708972.8,   58.2,   211.6,   0.0);   (438000.8,
3708991.8,   59.4,   211.6,   0.0);
     (438014.4, 3709010.7,   59.4,   211.6,   0.0);   (438055.0,
3709067.5,   57.9,   211.6,   0.0);
     (438068.5, 3709086.5,   58.9,   211.6,   0.0);   (438082.1,
3709105.4,   59.7,   211.6,   0.0);
     (438095.6, 3709124.3,   60.8,   211.6,   0.0);   (438109.1,
3709143.3,   61.3,   211.6,   0.0);
     (438122.7, 3709162.2,   62.3,   211.6,   0.0);   (438136.2,
3709181.1,   63.5,   211.6,   0.0);
     (438149.7, 3709200.1,   66.2,   211.6,   0.0);   (438163.3,
3709219.0,   67.9,   211.6,   0.0);
     (438176.8, 3709237.9,   68.1,   211.6,   0.0);   (438190.3,
3709256.9,   67.2,   211.6,   0.0);
     (438203.9, 3709275.8,   66.0,   211.6,   0.0);   (438366.3,
3709503.0,   88.9,   152.7,   0.0);
     (438379.9, 3709521.9,   88.0,   152.7,   0.0);   (438393.4,
3709540.9,   89.3,   152.7,   0.0);
     (438406.9, 3709559.8,   91.0,   152.7,   0.0);   (438420.5,
3709578.8,   92.9,   145.4,   0.0);
     (438501.7, 3709692.4,   92.6,   207.6,   0.0);   (438515.2,
3709711.3,   91.8,   208.6,   0.0);
     (438528.8, 3709730.2,   91.6,   208.6,   0.0);   (438542.3,
3709749.2,   90.6,   208.6,   0.0);
     (438555.8, 3709768.1,   89.6,   208.6,   0.0);   (438569.4,

3709787.0,   89.2,   208.6,   0.0);
     (438579.5, 3709829.0,   88.5,   208.6,   0.0);   (438576.1,
3709852.0,   89.6,   208.6,   0.0);
     (438572.8, 3709875.1,   92.3,   208.6,   0.0);   (438569.4,
3709898.1,   95.7,   208.6,   0.0);
     (438552.4, 3710013.2,   111.6,   208.6,   0.0);   (438549.0,
3710036.2,   115.0,   208.6,   0.0);
     (438545.6, 3710059.3,   120.6,   207.2,   0.0);   (438542.2,
3710082.3,   126.9,   201.6,   0.0);
     (438538.9, 3710105.3,   131.8,   131.8,   0.0);   (438518.5,
3710243.5,   102.1,   208.6,   0.0);
     (438515.1, 3710266.5,   103.1,   208.6,   0.0);   (438511.7,
3710289.5,   103.5,   208.6,   0.0);
     (438508.3, 3710312.6,   104.3,   208.6,   0.0);   (438505.0,
3710335.6,   107.0,   208.6,   0.0);
     (438498.2, 3710381.7,   119.6,   208.6,   0.0);   (438481.2,
3710496.8,   136.0,   198.3,   0.0);
     (438477.8, 3710519.8,   131.0,   198.3,   0.0);   (438474.5,
3710542.9,   125.5,   207.2,   0.0);
     (438471.1, 3710565.9,   119.7,   208.6,   0.0);   (437973.8,
3708953.9,   57.6,   211.6,   0.0);
     (437954.1, 3708941.4,   57.1,   211.6,   0.0);   (437934.5,
3708928.9,   56.6,   211.6,   0.0);
     (437914.8, 3708916.4,   56.1,   211.6,   0.0);   (437895.2,
3708903.9,   55.7,   211.6,   0.0);

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

     (437875.5, 3708891.4,   55.6,   211.6,   0.0);   (438040.8,
3708888.2,   58.0,   211.6,   0.0);
     (438054.1, 3708906.8,   59.0,   211.6,   0.0);   (438067.4,
3708925.4,   59.8,   211.6,   0.0);
     (438080.7, 3708944.1,   60.3,   211.6,   0.0);   (438094.0,
3708962.7,   60.3,   211.6,   0.0);
     (438107.4, 3708981.3,   59.6,   211.6,   0.0);   (438120.7,
3709000.0,   59.0,   211.6,   0.0);
     (438134.0, 3709018.6,   59.3,   211.6,   0.0);   (438147.3,
3709037.2,   61.1,   211.6,   0.0);
     (438160.6, 3709055.9,   64.0,   211.6,   0.0);   (438174.0,
3709074.5,   66.5,   211.6,   0.0);
     (438187.3, 3709093.1,   68.3,   211.6,   0.0);   (438200.6,

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3709111.8,      68.9,     211.6,       0.0);
     ( 438213.9, 3709130.4,      68.5,     211.6,       0.0);         ( 438227.2,
3709149.0,      67.2,     211.6,       0.0);
     ( 438240.6, 3709167.6,      65.5,     211.6,       0.0);         ( 438253.9,
3709186.3,      64.8,     211.6,       0.0);
     ( 438280.5, 3709223.5,      64.9,     211.6,       0.0);         ( 438400.4,
3709391.2,     100.0,     136.9,       0.0);
     ( 438413.7, 3709409.8,     103.1,     136.9,       0.0);         ( 438427.0,
3709428.5,     104.0,     136.9,       0.0);
     ( 438440.4, 3709447.1,     104.1,     136.9,       0.0);         ( 438453.7,
3709465.7,     103.5,     136.9,       0.0);
     ( 438467.0, 3709484.4,     103.5,     136.9,       0.0);         ( 438480.3,
3709503.0,     106.3,     136.9,       0.0);
     ( 438493.6, 3709521.6,     108.9,     136.9,       0.0);         ( 438507.0,
3709540.3,     110.7,     136.9,       0.0);
     ( 438573.6, 3709633.4,     107.5,     145.4,       0.0);         ( 438600.2,
3709670.7,     106.7,     152.4,       0.0);
     ( 438613.5, 3709689.3,     106.6,     207.0,       0.0);         ( 438626.8,
3709707.9,     106.2,     207.2,       0.0);
     ( 438640.2, 3709726.6,     106.1,     207.6,       0.0);         ( 438653.5,
3709745.2,     106.0,     207.6,       0.0);
     ( 438666.8, 3709763.8,     105.7,     208.6,       0.0);         ( 438676.8,
3709805.1,     104.8,     208.6,       0.0);
     ( 438673.5, 3709827.8,     102.0,     208.6,       0.0);         ( 438670.1,
3709850.4,      95.4,     208.6,       0.0);
     ( 438666.8, 3709873.1,      95.1,     208.6,       0.0);         ( 438663.4,
3709895.8,      97.4,     208.6,       0.0);
     ( 438646.8, 3710009.0,     106.9,     208.6,       0.0);         ( 438643.4,
3710031.7,     112.4,     208.6,       0.0);
     ( 438640.1, 3710054.4,     119.4,     208.6,       0.0);         ( 438636.8,
3710077.0,     127.1,     207.6,       0.0);
     ( 438633.4, 3710099.7,     134.4,     207.0,       0.0);         ( 438616.8,
3710213.0,     113.5,     208.6,       0.0);
     ( 438613.4, 3710235.6,     109.2,     208.6,       0.0);         ( 438610.1,
3710258.3,     110.1,     208.6,       0.0);
     ( 438606.8, 3710280.9,     117.6,     208.6,       0.0);         ( 438603.4,
3710303.6,     122.3,     208.6,       0.0);
     ( 438600.1, 3710326.3,     124.3,     208.6,       0.0);         ( 438590.1,
3710394.2,     118.9,     208.6,       0.0);
     ( 438576.7, 3710484.9,     138.5,     207.0,       0.0);         ( 438573.4,
3710507.5,     145.6,     198.3,       0.0);
     ( 438570.1, 3710530.2,     149.6,     185.0,       0.0);         ( 438566.7,
3710552.8,     148.2,     198.3,       0.0);
     ( 438027.5, 3708869.5,      56.5,     211.6,       0.0);         ( 438007.8,
3708857.0,      55.7,     211.6,       0.0);
     ( 437988.2, 3708844.5,      55.2,     211.6,       0.0);         ( 437968.5,
3708832.0,      55.0,     211.6,       0.0);
     ( 437948.9, 3708819.5,      54.8,     211.6,       0.0);         ( 437929.2,
3708807.0,      54.4,     211.6,       0.0);
     ( 437106.8, 3710028.1,      61.0,     211.6,       0.0);         ( 437074.7,
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3710048.0,   65.5,   211.6,   0.0);
     (437056.8, 3710062.4,   67.9,   211.6,   0.0);   (437039.0,
3710076.8,   70.4,   211.6,   0.0);
     (437080.2, 3709987.3,   64.7,   211.6,   0.0);   (437138.1,
3709977.8,   56.1,   211.6,   0.0);
     (437043.3, 3710009.0,   69.0,   211.6,   0.0);   (437025.5,
3710023.4,   71.8,   211.6,   0.0);
     (437007.6, 3710037.8,   75.0,   211.6,   0.0);   (437047.0,
3709949.1,   68.1,   211.6,   0.0);
     (437081.3, 3709935.9,   65.8,   211.6,   0.0);   (437133.3,
3709927.4,   61.8,   211.6,   0.0);
     (437168.9, 3709936.7,   52.2,   211.6,   0.0);   (437012.0,
3709970.1,   73.6,   211.6,   0.0);
     (436994.1, 3709984.5,   77.5,   211.6,   0.0);   (436976.2,
3709998.9,   83.0,   211.6,   0.0);
     (437017.5, 3709909.4,   70.6,   211.6,   0.0);   (437055.6,
3709894.8,   68.2,   211.6,   0.0);
     (437093.7, 3709880.2,   66.2,   211.6,   0.0);   (437132.5,
3709878.0,   63.9,   211.6,   0.0);
     (437172.0, 3709888.3,   56.8,   211.6,   0.0);   (436980.6,
3709931.1,   76.1,   211.6,   0.0);
     (436962.7, 3709945.5,   82.6,   211.6,   0.0);   (436944.9,
3709959.9,   90.8,   211.6,   0.0);
     (436987.5, 3709870.0,   72.0,   211.6,   0.0);   (437028.3,
3709854.3,   69.9,   211.6,   0.0);
     (437069.2, 3709838.6,   67.2,   211.6,   0.0);   (437131.2,
3709828.4,   63.5,   211.6,   0.0);

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

     (437173.5, 3709839.5,   59.0,   211.6,   0.0);   (437215.8,
3709850.6,   51.4,   211.6,   0.0);
     (436949.2, 3709892.2,   75.5,   211.6,   0.0);   (436931.4,
3709906.6,   81.5,   211.6,   0.0);
     (436913.5, 3709921.0,   89.9,   211.6,   0.0);   (436954.8,
3709831.6,   77.9,   211.6,   0.0);
     (436992.9, 3709816.9,   81.1,   211.6,   0.0);   (437031.0,
3709802.3,   79.3,   211.6,   0.0);
     (437069.1, 3709787.6,   72.8,   211.6,   0.0);   (437127.0,
3709778.1,   64.1,   211.6,   0.0);
     (437166.5, 3709788.5,   55.9,   211.6,   0.0);   (437206.0,

```
3709798.8,      48.6,     211.6,       0.0);
     ( 437245.5, 3709809.1,      56.2,     211.6,       0.0);         ( 436917.9,
3709853.3,      77.7,     211.6,       0.0);
     ( 436900.0, 3709867.7,      79.3,     211.6,       0.0);         ( 436882.1,
3709882.0,      86.6,     211.6,       0.0);
     ( 436924.4, 3709792.2,      92.0,     211.6,       0.0);         ( 436964.4,
3709776.9,     100.3,     211.6,       0.0);
     ( 437004.4, 3709761.5,     101.6,     211.6,       0.0);         ( 437044.4,
3709746.1,      92.6,     211.6,       0.0);
     ( 437084.4, 3709730.8,      87.6,     211.6,       0.0);         ( 437125.2,
3709728.5,      77.8,     211.6,       0.0);
     ( 437166.7, 3709739.3,      59.8,     211.6,       0.0);         ( 437208.1,
3709750.2,      50.1,     211.6,       0.0);
     ( 437249.6, 3709761.0,      59.5,     211.6,       0.0);         ( 436886.5,
3709814.3,      90.4,     211.6,       0.0);
     ( 436868.6, 3709828.7,      93.2,     211.6,       0.0);         ( 436850.8,
3709843.1,      97.2,     211.6,       0.0);
     ( 436893.8, 3709753.0,     102.6,     211.6,       0.0);         ( 436935.4,
3709737.0,     109.0,     211.6,       0.0);
     ( 436977.0, 3709721.1,     113.8,     211.6,       0.0);         ( 437018.5,
3709705.1,     111.2,     211.6,       0.0);
     ( 437060.1, 3709689.1,     109.8,     211.6,       0.0);         ( 437123.2,
3709678.8,      97.0,     211.6,       0.0);
     ( 437166.3, 3709690.0,      75.5,     211.6,       0.0);         ( 437209.4,
3709701.3,      55.6,     211.6,       0.0);
     ( 437252.5, 3709712.5,      57.8,     211.6,       0.0);         ( 437295.6,
3709723.8,      60.2,     211.6,       0.0);
     ( 436855.1, 3709775.4,     109.1,     211.6,       0.0);         ( 436837.3,
3709789.8,     112.1,     211.6,       0.0);
     ( 436819.4, 3709804.2,     115.6,     211.6,       0.0);         ( 436861.4,
3709714.5,     113.0,     211.6,       0.0);
     ( 436901.0, 3709699.2,     115.9,     211.6,       0.0);         ( 436940.6,
3709684.0,     118.8,     211.6,       0.0);
     ( 436980.2, 3709668.8,     123.3,     211.6,       0.0);         ( 437019.7,
3709653.6,     125.8,     211.6,       0.0);
     ( 437059.3, 3709638.4,     122.4,     211.6,       0.0);         ( 437119.4,
3709628.6,     107.8,     211.6,       0.0);
     ( 437160.4, 3709639.3,      89.6,     211.6,       0.0);         ( 437201.4,
3709650.0,      71.9,     211.6,       0.0);
     ( 437242.5, 3709660.7,      55.2,     211.6,       0.0);         ( 437283.5,
3709671.4,      52.6,     211.6,       0.0);
     ( 437324.5, 3709682.2,      59.0,     211.6,       0.0);         ( 436823.8,
3709736.4,     116.8,     211.6,       0.0);
     ( 436805.9, 3709750.8,     119.5,     211.6,       0.0);         ( 436788.1,
3709765.2,     121.3,     211.6,       0.0);
     ( 436830.7, 3709675.3,     120.1,     211.6,       0.0);         ( 436871.5,
3709659.6,     123.4,     211.6,       0.0);
     ( 436912.4, 3709643.9,     131.5,     211.6,       0.0);         ( 436953.2,
3709628.2,     144.8,     211.6,       0.0);
     ( 436994.0, 3709612.5,     148.3,     211.6,       0.0);         ( 437034.9,
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3709596.8,   134.3,   211.6,   0.0);
     (437075.7, 3709581.1,   122.1,   211.6,   0.0);   (437117.3,
3709578.8,   112.9,   211.6,   0.0);
     (437159.6, 3709589.9,   98.4,   211.6,   0.0);   (437201.9,
3709600.9,   79.4,   211.6,   0.0);
     (437244.2, 3709612.0,   63.5,   211.6,   0.0);   (437286.5,
3709623.1,   47.9,   211.6,   0.0);
     (437328.9, 3709634.1,   47.2,   211.6,   0.0);   (436792.4,
3709697.5,   118.9,   211.6,   0.0);
     (436774.6, 3709711.9,   121.6,   211.6,   0.0);   (436756.7,
3709726.3,   124.7,   211.6,   0.0);
     (436767.7, 3709597.5,   167.5,   211.6,   0.0);   (436808.1,
3709582.0,   170.2,   211.6,   0.0);
     (436848.4, 3709566.5,   177.7,   211.6,   0.0);   (436888.8,
3709551.0,   187.0,   211.6,   0.0);
     (436929.1, 3709535.5,   184.7,   211.6,   0.0);   (436969.5,
3709520.0,   170.7,   211.6,   0.0);
     (437009.8, 3709504.5,   151.7,   211.6,   0.0);   (437050.2,
3709489.0,   132.0,   211.6,   0.0);
     (437111.5, 3709478.9,   114.0,   211.6,   0.0);   (437153.3,
3709489.8,   103.8,   211.6,   0.0);
     (437195.1, 3709500.8,   88.2,   211.6,   0.0);   (437236.9,
3709511.7,   68.1,   211.6,   0.0);
     (437278.7, 3709522.6,   51.1,   211.6,   0.0);   (437320.6,
3709533.5,   44.4,   211.6,   0.0);
     (437362.4, 3709544.5,   45.0,   211.6,   0.0);   (437404.2,
3709555.4,   53.5,   211.6,   0.0);
     (436729.7, 3709619.6,   159.3,   211.6,   0.0);   (436711.8,
3709634.0,   153.7,   211.6,   0.0);

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

     (436694.0, 3709648.4,   142.4,   211.6,   0.0);   (436705.9,
3709519.3,   179.4,   211.6,   0.0);
     (436727.0, 3709511.2,   184.3,   211.6,   0.0);   (436748.0,
3709503.1,   189.0,   211.6,   0.0);
     (436769.1, 3709495.0,   193.3,   211.6,   0.0);   (436790.1,
3709486.9,   195.4,   211.6,   0.0);
     (436811.2, 3709478.8,   198.5,   211.6,   0.0);   (436832.3,
3709470.7,   204.1,   211.6,   0.0);
     (436853.3, 3709462.6,   208.5,   211.6,   0.0);   (436874.4,

3709454.5,   210.1,   211.6,   0.0);
     (436895.4, 3709446.4,   208.1,   211.6,   0.0);   (436916.5,
3709438.3,   201.6,   211.6,   0.0);
     (436937.6, 3709430.2,   192.5,   211.6,   0.0);   (436958.6,
3709422.2,   183.1,   211.6,   0.0);
     (436979.7, 3709414.1,   174.1,   211.6,   0.0);   (437000.7,
3709406.0,   165.5,   211.6,   0.0);
     (437021.8, 3709397.9,   156.8,   211.6,   0.0);   (437042.9,
3709389.8,   147.2,   211.6,   0.0);
     (437063.9, 3709381.7,   137.3,   211.6,   0.0);   (437106.8,
3709379.3,   117.7,   211.6,   0.0);
     (437128.6, 3709385.0,   108.8,   211.6,   0.0);   (437150.5,
3709390.7,   102.1,   211.6,   0.0);
     (437172.3, 3709396.4,   94.7,   211.6,   0.0);   (437194.1,
3709402.1,   86.2,   211.6,   0.0);
     (437237.8, 3709413.5,   66.2,   211.6,   0.0);   (437259.6,
3709419.2,   54.2,   211.6,   0.0);
     (437281.4, 3709424.9,   47.0,   211.6,   0.0);   (437303.3,
3709430.6,   51.2,   211.6,   0.0);
     (437346.9, 3709442.0,   57.4,   211.6,   0.0);   (437368.8,
3709447.8,   57.7,   211.6,   0.0);
     (437390.6, 3709453.4,   57.9,   211.6,   0.0);   (437412.4,
3709459.2,   58.1,   211.6,   0.0);
     (437434.2, 3709464.9,   58.2,   211.6,   0.0);   (437456.1,
3709470.6,   58.2,   211.6,   0.0);
     (437477.9, 3709476.3,   58.3,   211.6,   0.0);   (436684.8,
3709527.3,   172.5,   211.6,   0.0);
     (436667.0, 3709541.7,   162.7,   211.6,   0.0);   (436649.1,
3709556.1,   159.8,   211.6,   0.0);
     (436631.2, 3709570.5,   162.2,   211.6,   0.0);   (436642.9,
3709441.5,   189.8,   189.8,   0.0);
     (436684.5, 3709425.5,   190.4,   211.6,   0.0);   (436726.0,
3709409.5,   191.7,   211.6,   0.0);
     (436767.6, 3709393.6,   191.0,   211.6,   0.0);   (436809.2,
3709377.6,   190.0,   211.6,   0.0);
     (436850.8, 3709361.6,   192.2,   211.6,   0.0);   (436892.3,
3709345.6,   199.1,   211.6,   0.0);
     (436933.9, 3709329.7,   186.7,   211.6,   0.0);   (436975.5,
3709313.7,   170.2,   211.6,   0.0);
     (437017.1, 3709297.7,   145.7,   211.6,   0.0);   (437058.6,
3709281.8,   138.9,   211.6,   0.0);
     (437101.0, 3709279.4,   139.9,   211.6,   0.0);   (437144.1,
3709290.6,   118.5,   211.6,   0.0);
     (437187.1, 3709301.9,   96.5,   211.6,   0.0);   (437230.2,
3709313.2,   76.4,   211.6,   0.0);
     (437273.3, 3709324.4,   58.7,   211.6,   0.0);   (437316.4,
3709335.7,   49.2,   211.6,   0.0);
     (437359.5, 3709346.9,   55.5,   211.6,   0.0);   (437402.6,
3709358.2,   56.8,   211.6,   0.0);
     (437445.7, 3709369.5,   57.2,   211.6,   0.0);   (437488.8,

3709380.7,   57.6,   211.6,   0.0);
     (436604.2, 3709463.9,   184.2,   211.6,   0.0);   (436586.4,
3709478.2,   182.8,   211.6,   0.0);
     (436568.5, 3709492.6,   182.4,   182.4,   0.0);   (436580.0,
3709363.7,   185.1,   185.1,   0.0);
     (436621.1, 3709347.9,   186.3,   186.3,   0.0);   (436662.3,
3709332.1,   187.7,   187.7,   0.0);
     (436703.4, 3709316.2,   187.9,   211.6,   0.0);   (436744.6,
3709300.4,   184.0,   211.6,   0.0);
     (436785.8, 3709284.6,   181.8,   211.6,   0.0);   (436826.9,
3709268.8,   180.1,   211.6,   0.0);
     (436868.1, 3709253.0,   183.0,   211.6,   0.0);   (436909.2,
3709237.2,   169.1,   211.6,   0.0);
     (436950.4, 3709221.4,   134.3,   211.6,   0.0);   (436991.5,
3709205.5,   112.3,   211.6,   0.0);
     (437032.7, 3709189.7,   97.1,   211.6,   0.0);   (437095.2,
3709179.5,   97.8,   211.6,   0.0);
     (437137.8, 3709190.6,   101.2,   211.6,   0.0);   (437180.5,
3709201.8,   99.4,   211.6,   0.0);
     (437223.2, 3709212.9,   83.1,   211.6,   0.0);   (437265.8,
3709224.1,   66.0,   211.6,   0.0);
     (437308.5, 3709235.2,   58.0,   211.6,   0.0);   (437351.1,
3709246.4,   51.3,   211.6,   0.0);
     (437393.8, 3709257.5,   55.5,   211.6,   0.0);   (437436.5,
3709268.6,   56.0,   211.6,   0.0);
     (437479.1, 3709279.8,   56.5,   211.6,   0.0);   (437521.8,
3709290.9,   56.9,   211.6,   0.0);
     (437564.4, 3709302.1,   57.3,   211.6,   0.0);   (436541.5,
3709386.0,   181.4,   184.1,   0.0);
     (436523.7, 3709400.4,   178.8,   184.1,   0.0);   (436505.8,
3709414.8,   176.5,   189.7,   0.0);

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

     (436517.8, 3709285.6,   180.8,   180.8,   0.0);   (436539.0,
3709277.4,   180.9,   180.9,   0.0);
     (436560.2, 3709269.3,   179.9,   179.9,   0.0);   (436581.3,
3709261.2,   175.6,   211.6,   0.0);
     (436602.5, 3709253.0,   170.5,   211.6,   0.0);   (436623.7,
3709244.9,   169.6,   211.6,   0.0);
     (436644.9, 3709236.8,   170.5,   211.6,   0.0);   (436666.0,

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3709228.6,     171.8,     211.6,       0.0);
     ( 436687.2, 3709220.5,     172.8,     211.6,       0.0);         ( 436708.4,
3709212.4,     172.8,     211.6,       0.0);
     ( 436729.5, 3709204.2,     172.6,     211.6,       0.0);         ( 436750.7,
3709196.1,     172.9,     211.6,       0.0);
     ( 436771.9, 3709188.0,     173.5,     211.6,       0.0);         ( 436793.1,
3709179.8,     174.3,     211.6,       0.0);
     ( 436814.2, 3709171.7,     174.9,     211.6,       0.0);         ( 436835.4,
3709163.6,     175.5,     211.6,       0.0);
     ( 436856.6, 3709155.4,     177.1,     211.6,       0.0);         ( 436877.8,
3709147.3,     178.4,     211.6,       0.0);
     ( 436898.9, 3709139.1,     176.1,     211.6,       0.0);         ( 436920.1,
3709131.0,     169.5,     211.6,       0.0);
     ( 436941.3, 3709122.9,     156.0,     211.6,       0.0);         ( 436962.4,
3709114.8,     138.2,     211.6,       0.0);
     ( 436983.6, 3709106.6,     122.7,     211.6,       0.0);         ( 437004.8,
3709098.5,     110.2,     211.6,       0.0);
     ( 437026.0, 3709090.3,     102.0,     211.6,       0.0);         ( 437047.1,
3709082.2,      97.6,     211.6,       0.0);
     ( 437090.2, 3709079.8,      87.7,     211.6,       0.0);         ( 437112.2,
3709085.5,      83.2,     211.6,       0.0);
     ( 437134.1, 3709091.3,      80.0,     211.6,       0.0);         ( 437156.1,
3709097.0,      77.5,     211.6,       0.0);
     ( 437178.0, 3709102.7,      75.5,     211.6,       0.0);         ( 437200.0,
3709108.5,      73.5,     211.6,       0.0);
     ( 437221.9, 3709114.2,      71.2,     211.6,       0.0);         ( 437243.8,
3709119.9,      69.2,     211.6,       0.0);
     ( 437265.8, 3709125.7,      67.2,     211.6,       0.0);         ( 437287.7,
3709131.4,      65.2,     211.6,       0.0);
     ( 437309.7, 3709137.1,      63.0,     211.6,       0.0);         ( 437331.6,
3709142.9,      60.1,     211.6,       0.0);
     ( 437353.6, 3709148.6,      53.3,     211.6,       0.0);         ( 437375.5,
3709154.3,      45.8,     211.6,       0.0);
     ( 437397.5, 3709160.1,      44.7,     211.6,       0.0);         ( 437419.4,
3709165.8,      47.3,     211.6,       0.0);
     ( 437441.3, 3709171.5,      50.1,     211.6,       0.0);         ( 437463.3,
3709177.3,      52.3,     211.6,       0.0);
     ( 437485.2, 3709183.0,      53.8,     211.6,       0.0);         ( 437507.2,
3709188.7,      54.6,     211.6,       0.0);
     ( 437529.1, 3709194.5,      54.8,     211.6,       0.0);         ( 437551.1,
3709200.2,      55.1,     211.6,       0.0);
     ( 437573.0, 3709205.9,      55.3,     211.6,       0.0);         ( 437595.0,
3709211.7,      55.6,     211.6,       0.0);
     ( 437616.9, 3709217.4,      55.6,     211.6,       0.0);         ( 437638.8,
3709223.1,      53.7,     211.6,       0.0);
     ( 436496.7, 3709293.7,     179.7,     179.7,       0.0);         ( 436478.8,
3709308.1,     178.9,     178.9,       0.0);
     ( 436460.9, 3709322.5,     176.1,     179.4,       0.0);         ( 436443.1,
3709336.9,     173.6,     180.2,       0.0);
     ( 436454.9, 3709207.8,     174.4,     174.4,       0.0);         ( 436496.8,
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3709191.7,   169.8,   181.2,   0.0);
     (436517.8, 3709183.6,   166.6,   211.6,   0.0);   (436559.7,
3709167.5,   164.2,   211.6,   0.0);
     (436601.6, 3709151.4,   164.7,   211.6,   0.0);   (436622.6,
3709143.3,   165.3,   211.6,   0.0);
     (436664.5, 3709127.2,   166.7,   211.6,   0.0);   (436706.4,
3709111.1,   165.6,   211.6,   0.0);
     (436727.4, 3709103.1,   163.5,   211.6,   0.0);   (436769.3,
3709087.0,   161.5,   211.6,   0.0);
     (436811.2, 3709070.9,   164.9,   211.6,   0.0);   (436853.1,
3709054.8,   160.3,   211.6,   0.0);
     (436895.1, 3709038.7,   147.9,   211.6,   0.0);   (436916.0,
3709030.6,   141.2,   211.6,   0.0);
     (436957.9, 3709014.5,   135.4,   211.6,   0.0);   (436999.9,
3708998.4,   138.6,   211.6,   0.0);
     (437020.8, 3708990.3,   140.4,   211.6,   0.0);   (437084.5,
3708979.9,   128.5,   211.6,   0.0);
     (437127.9, 3708991.3,   105.8,   211.6,   0.0);   (437171.4,
3709002.6,   85.6,   211.6,   0.0);
     (437214.8, 3709014.0,   70.2,   211.6,   0.0);   (437258.3,
3709025.3,   66.4,   211.6,   0.0);
     (437301.7, 3709036.7,   63.5,   211.6,   0.0);   (437345.2,
3709048.0,   60.7,   211.6,   0.0);
     (437388.6, 3709059.4,   58.2,   211.6,   0.0);   (437432.0,
3709070.7,   54.1,   211.6,   0.0);
     (437475.5, 3709082.1,   43.5,   211.6,   0.0);   (437519.0,
3709093.4,   39.9,   211.6,   0.0);
     (437562.4, 3709104.8,   41.4,   211.6,   0.0);   (437605.8,
3709116.1,   45.3,   211.6,   0.0);
     (437649.3, 3709127.5,   50.2,   211.6,   0.0);   (436416.1,
3709230.2,   173.4,   173.4,   0.0);
     (436398.2, 3709244.6,   172.4,   173.7,   0.0);   (436380.3,
3709259.0,   169.9,   173.7,   0.0);

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

     (436392.0, 3709130.0,   158.5,   181.2,   0.0);   (436433.6,
3709114.0,   158.3,   186.8,   0.0);
     (436475.1, 3709098.0,   159.6,   186.8,   0.0);   (436516.7,
3709082.0,   160.1,   187.6,   0.0);
     (436558.3, 3709066.1,   161.3,   181.1,   0.0);   (436599.9,

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3709050.1,     159.9,     211.6,       0.0);
     ( 436641.4, 3709034.1,     156.1,     211.6,       0.0);         ( 436683.0,
3709018.1,     155.8,     211.6,       0.0);
     ( 436724.6, 3709002.2,     157.6,     211.6,       0.0);         ( 436766.2,
3708986.2,     157.6,     211.6,       0.0);
     ( 436807.7, 3708970.2,     157.5,     211.6,       0.0);         ( 436849.3,
3708954.2,     157.2,     211.6,       0.0);
     ( 436890.9, 3708938.3,     157.6,     211.6,       0.0);         ( 436932.5,
3708922.3,     159.2,     180.9,       0.0);
     ( 436974.0, 3708906.3,     165.2,     180.9,       0.0);         ( 437015.6,
3708890.4,     163.7,     180.9,       0.0);
     ( 437078.7, 3708880.0,     130.2,     211.6,       0.0);         ( 437121.8,
3708891.3,     109.0,     211.6,       0.0);
     ( 437164.9, 3708902.5,      91.0,     211.6,       0.0);         ( 437208.0,
3708913.8,      75.5,     211.6,       0.0);
     ( 437251.1, 3708925.0,      66.4,     211.6,       0.0);         ( 437294.2,
3708936.3,      61.7,     211.6,       0.0);
     ( 437337.3, 3708947.6,      58.5,     211.6,       0.0);         ( 437380.3,
3708958.8,      56.3,     211.6,       0.0);
     ( 437423.4, 3708970.1,      50.2,     211.6,       0.0);         ( 437466.5,
3708981.3,      47.5,     211.6,       0.0);
     ( 437509.6, 3708992.6,      46.0,     211.6,       0.0);         ( 437552.7,
3709003.8,      43.3,     211.6,       0.0);
     ( 437595.8, 3709015.1,      41.5,     211.6,       0.0);         ( 437638.9,
3709026.4,      49.9,     211.6,       0.0);
     ( 437682.0, 3709037.6,      52.5,     211.6,       0.0);         ( 437725.1,
3709048.9,      54.3,     211.6,       0.0);
     ( 436353.3, 3709152.3,     158.8,     181.1,       0.0);         ( 436335.5,
3709166.7,     159.7,     181.1,       0.0);
     ( 436317.6, 3709181.1,     162.9,     174.6,       0.0);         ( 436329.7,
3709051.9,     155.4,     174.2,       0.0);
     ( 436351.0, 3709043.7,     155.1,     174.2,       0.0);         ( 436372.2,
3709035.6,     154.7,     174.6,       0.0);
     ( 436393.4, 3709027.4,     154.3,     181.1,       0.0);         ( 436414.6,
3709019.3,     153.8,     181.1,       0.0);
     ( 436435.9, 3709011.1,     153.0,     181.1,       0.0);         ( 436457.1,
3709003.0,     152.1,     181.1,       0.0);
     ( 436478.3, 3708994.8,     151.6,     186.2,       0.0);         ( 436499.6,
3708986.6,     152.5,     181.1,       0.0);
     ( 436520.8, 3708978.5,     153.9,     160.4,       0.0);         ( 436542.0,
3708970.3,     155.0,     155.0,       0.0);
     ( 436563.3, 3708962.2,     155.6,     155.6,       0.0);         ( 436584.5,
3708954.0,     155.8,     155.8,       0.0);
     ( 436605.7, 3708945.8,     155.4,     155.4,       0.0);         ( 436627.0,
3708937.7,     155.0,     155.0,       0.0);
     ( 436648.2, 3708929.5,     154.8,     154.8,       0.0);         ( 436669.4,
3708921.4,     154.7,     154.7,       0.0);
     ( 436690.7, 3708913.2,     154.5,     154.5,       0.0);         ( 436711.9,
3708905.1,     154.7,     154.7,       0.0);
     ( 436733.1, 3708896.9,     155.7,     155.7,       0.0);         ( 436754.4,
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3708888.8,   156.3,   156.3,   0.0);
     (436775.6, 3708880.6,   157.0,   180.9,   0.0);   (436796.8,
3708872.4,   157.9,   180.9,   0.0);
     (436818.1, 3708864.3,   158.8,   180.9,   0.0);   (436839.3,
3708856.1,   159.6,   180.9,   0.0);
     (436860.5, 3708848.0,   160.1,   180.9,   0.0);   (436881.8,
3708839.8,   160.3,   180.9,   0.0);
     (436903.0, 3708831.6,   161.5,   180.9,   0.0);   (436924.2,
3708823.5,   165.3,   180.9,   0.0);
     (436945.5, 3708815.3,   171.2,   180.9,   0.0);   (436966.7,
3708807.2,   176.1,   179.1,   0.0);
     (436987.9, 3708799.0,   174.1,   180.9,   0.0);   (437009.1,
3708790.9,   164.1,   180.9,   0.0);
     (437030.4, 3708782.7,   151.8,   204.7,   0.0);   (437073.6,
3708780.3,   130.2,   211.6,   0.0);
     (437095.6, 3708786.0,   120.7,   211.6,   0.0);   (437117.6,
3708791.8,   111.1,   211.6,   0.0);
     (437139.6, 3708797.5,   102.0,   211.6,   0.0);   (437161.6,
3708803.3,   94.0,   211.6,   0.0);
     (437183.7, 3708809.0,   86.0,   211.6,   0.0);   (437205.7,
3708814.8,   77.9,   211.6,   0.0);
     (437227.7, 3708820.5,   70.5,   211.6,   0.0);   (437249.7,
3708826.3,   65.7,   211.6,   0.0);
     (437271.7, 3708832.0,   63.5,   211.6,   0.0);   (437293.7,
3708837.8,   61.8,   211.6,   0.0);
     (437315.7, 3708843.5,   60.1,   211.6,   0.0);   (437337.7,
3708849.3,   58.3,   211.6,   0.0);
     (437359.7, 3708855.0,   56.5,   211.6,   0.0);   (437381.7,
3708860.8,   55.1,   211.6,   0.0);
     (437403.7, 3708866.5,   53.2,   211.6,   0.0);   (437425.7,
3708872.3,   48.8,   211.6,   0.0);
     (437447.7, 3708878.0,   45.7,   211.6,   0.0);   (437469.7,
3708883.8,   44.3,   211.6,   0.0);
     (437491.8, 3708889.5,   43.5,   211.6,   0.0);   (437513.8,
3708895.3,   42.9,   211.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (437535.8, 3708901.0,   41.8,   211.6,   0.0);   (437557.8,
3708906.8,   41.4,   211.6,   0.0);
     (437579.8, 3708912.5,   41.2,   211.6,   0.0);   (437601.8,

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3708918.3,      40.5,     211.6,       0.0);
     ( 437623.8, 3708924.0,      39.6,     211.6,       0.0);         ( 437645.8,
3708929.8,      41.7,     211.6,       0.0);
     ( 437667.8, 3708935.5,      47.9,     211.6,       0.0);         ( 437689.8,
3708941.3,      51.7,     211.6,       0.0);
     ( 437711.8, 3708947.0,      53.0,     211.6,       0.0);         ( 437733.8,
3708952.8,      54.1,     211.6,       0.0);
     ( 437755.8, 3708958.5,      54.7,     211.6,       0.0);         ( 437777.8,
3708964.3,      55.7,     211.6,       0.0);
     ( 437799.8, 3708970.0,      56.8,     211.6,       0.0);         ( 436308.5,
3709060.1,     155.8,     174.2,       0.0);
     ( 436290.6, 3709074.4,     156.3,     156.3,       0.0);         ( 436272.8,
3709088.8,     156.8,     168.6,       0.0);
     ( 436254.9, 3709103.2,     157.8,     168.8,       0.0);         ( 436266.8,
3708974.1,     152.8,     153.4,       0.0);
     ( 436287.9, 3708966.0,     152.8,     152.8,       0.0);         ( 436309.0,
3708957.9,     153.1,     153.1,       0.0);
     ( 436330.0, 3708949.8,     153.4,     153.4,       0.0);         ( 436351.1,
3708941.7,     153.2,     153.2,       0.0);
     ( 436372.1, 3708933.6,     153.1,     153.1,       0.0);         ( 436393.2,
3708925.5,     152.9,     152.9,       0.0);
     ( 436414.2, 3708917.4,     152.3,     152.3,       0.0);         ( 436435.3,
3708909.3,     150.6,     151.9,       0.0);
     ( 436456.4, 3708901.3,     149.4,     149.4,       0.0);         ( 436477.4,
3708893.2,     149.0,     149.0,       0.0);
     ( 436498.5, 3708885.1,     149.1,     149.1,       0.0);         ( 436519.5,
3708877.0,     149.4,     149.4,       0.0);
     ( 436540.6, 3708868.9,     149.9,     149.9,       0.0);         ( 436561.7,
3708860.8,     150.6,     150.6,       0.0);
     ( 436582.7, 3708852.7,     151.5,     151.5,       0.0);         ( 436603.8,
3708844.6,     152.6,     152.6,       0.0);
     ( 436624.8, 3708836.5,     153.6,     153.6,       0.0);         ( 436645.9,
3708828.4,     154.4,     154.4,       0.0);
     ( 436667.0, 3708820.3,     155.2,     173.2,       0.0);         ( 436688.0,
3708812.2,     156.2,     173.2,       0.0);
     ( 436709.1, 3708804.2,     157.1,     175.0,       0.0);         ( 436730.1,
3708796.1,     157.7,     175.2,       0.0);
     ( 436751.2, 3708788.0,     158.5,     180.9,       0.0);         ( 436772.3,
3708779.9,     160.3,     180.9,       0.0);
     ( 436793.3, 3708771.8,     162.5,     180.9,       0.0);         ( 436814.4,
3708763.7,     163.5,     180.9,       0.0);
     ( 436835.5, 3708755.6,     163.6,     182.2,       0.0);         ( 436856.5,
3708747.5,     163.3,     183.0,       0.0);
     ( 436877.6, 3708739.4,     164.1,     183.0,       0.0);         ( 436898.6,
3708731.3,     167.3,     182.2,       0.0);
     ( 436919.7, 3708723.2,     172.9,     180.9,       0.0);         ( 436940.8,
3708715.1,     178.7,     178.7,       0.0);
     ( 436961.8, 3708707.1,     176.2,     179.6,       0.0);         ( 436982.9,
3708699.0,     167.2,     195.7,       0.0);
     ( 437003.9, 3708690.9,     157.2,     204.7,       0.0);         ( 437025.0,
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3708682.8,   147.3,   204.7,   0.0);
     (437067.9, 3708680.4,   129.7,   211.6,   0.0);   (437089.7,
3708686.1,   121.0,   211.6,   0.0);
     (437111.5, 3708691.8,   112.5,   211.6,   0.0);   (437133.4,
3708697.5,   103.9,   211.6,   0.0);
     (437155.2, 3708703.2,   95.3,   211.6,   0.0);   (437177.0,
3708708.9,   87.6,   211.6,   0.0);
     (437220.7, 3708720.3,   73.8,   211.6,   0.0);   (437242.5,
3708726.0,   69.5,   211.6,   0.0);
     (437264.3, 3708731.7,   66.5,   211.6,   0.0);   (437286.2,
3708737.4,   64.2,   211.6,   0.0);
     (437308.0, 3708743.1,   62.3,   211.6,   0.0);   (437351.6,
3708754.5,   57.7,   211.6,   0.0);
     (437373.5, 3708760.2,   55.0,   211.6,   0.0);   (437395.3,
3708765.9,   53.4,   211.6,   0.0);
     (437417.1, 3708771.6,   52.2,   211.6,   0.0);   (437439.0,
3708777.3,   51.1,   211.6,   0.0);
     (437460.8, 3708783.0,   49.3,   211.6,   0.0);   (437482.6,
3708788.8,   45.4,   211.6,   0.0);
     (437504.5, 3708794.5,   41.5,   211.6,   0.0);   (437526.3,
3708800.2,   40.3,   211.6,   0.0);
     (437569.9, 3708811.6,   40.0,   211.6,   0.0);   (437591.8,
3708817.3,   39.9,   211.6,   0.0);
     (437613.6, 3708823.0,   39.6,   211.6,   0.0);   (437635.4,
3708828.7,   38.5,   211.6,   0.0);
     (437657.2, 3708834.4,   42.8,   211.6,   0.0);   (437679.1,
3708840.1,   48.2,   211.6,   0.0);
     (437700.9, 3708845.8,   51.2,   211.6,   0.0);   (437722.7,
3708851.5,   51.9,   211.6,   0.0);
     (437744.6, 3708857.2,   52.7,   211.6,   0.0);   (437766.4,
3708862.9,   53.7,   211.6,   0.0);
     (437810.0, 3708874.3,   55.3,   211.6,   0.0);   (437831.9,
3708880.0,   55.6,   211.6,   0.0);
     (437853.7, 3708885.7,   55.6,   211.6,   0.0);   (436245.8,
3708982.2,   152.6,   152.6,   0.0);
     (436227.9, 3708996.6,   153.8,   153.8,   0.0);   (436210.0,
3709010.9,   155.2,   155.2,   0.0);

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

     (436192.2, 3709025.3,   155.7,   169.7,   0.0);   (436204.0,

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3708896.3,     149.7,     162.1,       0.0);
     ( 436245.8, 3708880.2,     147.9,     147.9,       0.0);         ( 436287.6,
3708864.1,     147.9,     147.9,       0.0);
     ( 436329.4, 3708848.0,     146.9,     151.8,       0.0);         ( 436371.3,
3708832.0,     146.8,     146.8,       0.0);
     ( 436413.1, 3708815.9,     148.5,     148.5,       0.0);         ( 436454.9,
3708799.8,     148.9,     148.9,       0.0);
     ( 436496.8, 3708783.8,     149.5,     149.5,       0.0);         ( 436538.6,
3708767.7,     149.7,     171.7,       0.0);
     ( 436580.4, 3708751.6,     150.7,     176.1,       0.0);         ( 436622.2,
3708735.6,     156.4,     175.0,       0.0);
     ( 436664.0, 3708719.5,     159.3,     175.2,       0.0);         ( 436705.9,
3708703.4,     161.4,     175.4,       0.0);
     ( 436747.7, 3708687.3,     167.1,     175.2,       0.0);         ( 436789.5,
3708671.3,     170.3,     175.2,       0.0);
     ( 436831.4, 3708655.2,     169.8,     195.7,       0.0);         ( 436873.2,
3708639.1,     169.8,     197.1,       0.0);
     ( 436915.0, 3708623.1,     172.7,     197.1,       0.0);         ( 436956.8,
3708607.0,     179.6,     182.2,       0.0);
     ( 436998.7, 3708590.9,     162.6,     204.7,       0.0);         ( 437062.2,
3708580.5,     136.2,     204.7,       0.0);
     ( 437105.5, 3708591.8,     123.4,     204.7,       0.0);         ( 437148.9,
3708603.2,     104.0,     211.6,       0.0);
     ( 437192.2, 3708614.5,      89.1,     211.6,       0.0);         ( 437235.6,
3708625.8,      74.5,     211.6,       0.0);
     ( 437278.9, 3708637.1,      66.7,     211.6,       0.0);         ( 437322.3,
3708648.5,      60.6,     211.6,       0.0);
     ( 437365.6, 3708659.8,      51.6,     211.6,       0.0);         ( 437409.0,
3708671.1,      45.4,     211.6,       0.0);
     ( 437452.3, 3708682.4,      43.0,     211.6,       0.0);         ( 437495.7,
3708693.8,      39.7,     211.6,       0.0);
     ( 437539.0, 3708705.1,      38.3,     211.6,       0.0);         ( 437582.4,
3708716.4,      38.6,     211.6,       0.0);
     ( 437625.8, 3708727.8,      43.7,     211.6,       0.0);         ( 437669.1,
3708739.1,      48.6,     211.6,       0.0);
     ( 437712.5, 3708750.4,      49.6,     211.6,       0.0);         ( 437755.8,
3708761.7,      51.0,     211.6,       0.0);
     ( 437799.2, 3708773.1,      53.0,     211.6,       0.0);         ( 437842.5,
3708784.4,      54.5,     211.6,       0.0);
     ( 437885.9, 3708795.7,      54.3,     211.6,       0.0);         ( 436165.2,
3708918.7,     151.0,     169.7,       0.0);
     ( 436147.3, 3708933.1,     152.5,     170.2,       0.0);         ( 436129.5,
3708947.5,     154.2,     170.2,       0.0);
     ( 437017.1, 3710105.6,      74.0,     211.6,       0.0);         ( 436994.3,
3710140.3,      79.4,     211.6,       0.0);
     ( 436986.7, 3710060.8,      79.6,     211.6,       0.0);         ( 436963.9,
3710095.5,      85.6,     211.6,       0.0);
     ( 436955.4, 3710021.8,      90.2,     211.6,       0.0);         ( 436933.5,
3710050.7,      97.2,     211.6,       0.0);
     ( 436910.7, 3710085.4,     103.2,     211.6,       0.0);         ( 436917.1,
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3709990.6,   102.3,   211.6,   0.0);
     (436891.8, 3710023.2,   112.5,   211.6,   0.0);   (436868.9,
3710058.0,   119.8,   211.6,   0.0);
     (436874.4, 3709964.1,   109.8,   211.6,   0.0);   (436850.0,
3709995.8,   120.2,   211.6,   0.0);
     (436827.1, 3710030.5,   127.4,   211.6,   0.0);   (436832.1,
3709937.2,   114.3,   211.6,   0.0);
     (436857.1, 3709909.6,   101.1,   211.6,   0.0);   (436808.2,
3709968.3,   123.2,   211.6,   0.0);
     (436785.4, 3710003.1,   131.4,   211.6,   0.0);   (436790.0,
3709910.1,   117.8,   211.6,   0.0);
     (436814.3, 3709883.3,   107.7,   211.6,   0.0);   (436766.4,
3709940.9,   126.1,   211.6,   0.0);
     (436743.6, 3709975.6,   134.1,   211.6,   0.0);   (436749.9,
3709880.7,   124.6,   211.6,   0.0);
     (436777.7, 3709850.1,   120.0,   211.6,   0.0);   (436724.6,
3709913.4,   130.4,   211.6,   0.0);
     (436701.8, 3709948.1,   138.6,   211.6,   0.0);   (436707.6,
3709853.8,   126.9,   211.6,   0.0);
     (436734.4, 3709824.3,   123.2,   211.6,   0.0);   (436761.2,
3709794.8,   121.5,   211.6,   0.0);
     (436682.8, 3709886.0,   133.0,   211.6,   0.0);   (436660.0,
3709920.7,   147.0,   211.6,   0.0);
     (436665.5, 3709826.8,   127.8,   211.6,   0.0);   (436691.5,
3709798.1,   125.4,   211.6,   0.0);
     (436717.6, 3709769.3,   125.1,   211.6,   0.0);   (436641.0,
3709858.5,   140.5,   211.6,   0.0);
     (436618.2, 3709893.2,   166.0,   205.1,   0.0);   (436582.8,
3709770.9,   151.9,   211.6,   0.0);
     (436610.6, 3709740.3,   138.1,   211.6,   0.0);   (436638.4,
3709709.7,   138.1,   211.6,   0.0);
     (436666.2, 3709679.0,   136.0,   211.6,   0.0);   (436557.5,
3709803.6,   159.8,   211.6,   0.0);
     (436534.6, 3709838.3,   169.9,   205.1,   0.0);   (436498.6,
3709716.7,   155.5,   211.6,   0.0);
     (436525.1, 3709687.5,   152.9,   211.6,   0.0);   (436551.6,
3709658.2,   150.4,   211.6,   0.0);
     (436578.2, 3709629.0,   157.3,   211.6,   0.0);   (436604.7,
3709599.8,   166.1,   211.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
     ( 436473.9, 3709748.7,     158.5,     211.6,       0.0);         ( 436451.1,
3709783.4,     167.9,     167.9,       0.0);
     ( 436415.6, 3709661.1,     157.9,     211.6,       0.0);         ( 436443.4,
3709630.5,     157.3,     211.6,       0.0);
     ( 436471.2, 3709599.8,     158.2,     211.6,       0.0);         ( 436499.0,
3709569.2,     167.0,     211.6,       0.0);
     ( 436526.8, 3709538.6,     179.3,     182.0,       0.0);         ( 436390.3,
3709693.8,     158.5,     211.6,       0.0);
     ( 436367.5, 3709728.5,     161.1,     170.8,       0.0);         ( 436331.5,
3709606.7,     163.0,     163.0,       0.0);
     ( 436358.3, 3709577.2,     162.8,     182.2,       0.0);         ( 436385.2,
3709547.7,     168.0,     173.3,       0.0);
     ( 436412.0, 3709518.1,     172.8,     172.8,       0.0);         ( 436438.8,
3709488.6,     174.1,     174.1,       0.0);
     ( 436465.6, 3709459.0,     175.7,     175.7,       0.0);         ( 436306.7,
3709638.9,     163.3,     163.3,       0.0);
     ( 436283.9, 3709673.6,     164.2,     170.2,       0.0);         ( 436248.5,
3709551.3,     165.1,     165.1,       0.0);
     ( 436276.3, 3709520.6,     165.5,     165.5,       0.0);         ( 436304.1,
3709490.0,     165.7,     173.3,       0.0);
     ( 436331.9, 3709459.4,     167.0,     173.3,       0.0);         ( 436359.7,
3709428.8,     170.6,     173.0,       0.0);
     ( 436387.5, 3709398.1,     169.9,     169.9,       0.0);         ( 436415.3,
3709367.5,     169.9,     179.4,       0.0);
     ( 436223.1, 3709584.0,     164.6,     164.6,       0.0);         ( 436200.3,
3709618.7,     164.4,     164.4,       0.0);
     ( 436164.5, 3709496.8,     165.9,     165.9,       0.0);         ( 436191.5,
3709467.1,     166.1,     166.1,       0.0);
     ( 436218.5, 3709437.4,     166.5,     166.5,       0.0);         ( 436245.4,
3709407.6,     166.5,     166.5,       0.0);
     ( 436272.4, 3709377.9,     166.6,     166.6,       0.0);         ( 436299.4,
3709348.2,     166.4,     166.4,       0.0);
     ( 436326.4, 3709318.4,     165.3,     171.1,       0.0);         ( 436353.4,
3709288.7,     166.3,     179.4,       0.0);
     ( 436139.6, 3709529.0,     165.9,     165.9,       0.0);         ( 436116.8,
3709563.8,     165.2,     165.2,       0.0);
     ( 436081.3, 3709441.5,     166.6,     166.6,       0.0);         ( 436109.1,
3709410.8,     167.7,     167.7,       0.0);
     ( 436136.9, 3709380.2,     167.5,     167.5,       0.0);         ( 436164.7,
3709349.6,     167.7,     167.7,       0.0);
     ( 436192.5, 3709318.9,     168.3,     168.3,       0.0);         ( 436220.3,
3709288.3,     168.6,     168.6,       0.0);
     ( 436248.1, 3709257.7,     168.2,     168.2,       0.0);         ( 436275.9,
3709227.0,     168.3,     168.3,       0.0);
     ( 436056.0, 3709474.1,     163.9,     166.1,       0.0);         ( 436033.2,
3709508.9,     156.3,     171.0,       0.0);
     ( 435997.4, 3709386.9,     168.8,     168.8,       0.0);         ( 436024.5,
3709357.1,     170.6,     170.6,       0.0);
     ( 436051.6, 3709327.2,     170.6,     170.6,       0.0);         ( 436078.7,
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3709297.3,   169.6,   169.6,   0.0);
     (436105.8, 3709267.5,   169.1,   169.1,   0.0);   (436132.9,
3709237.6,   169.5,   169.5,   0.0);
     (436160.0, 3709207.8,   169.2,   169.2,   0.0);   (436187.1,
3709177.9,   166.7,   168.8,   0.0);
     (436214.2, 3709148.0,   161.7,   169.0,   0.0);   (435972.4,
3709419.2,   157.5,   177.1,   0.0);
     (435949.6, 3709454.0,   153.1,   177.1,   0.0);   (435914.2,
3709331.6,   169.4,   177.1,   0.0);
     (435942.0, 3709301.0,   173.8,   173.8,   0.0);   (435969.8,
3709270.4,   170.5,   177.1,   0.0);
     (435997.6, 3709239.8,   170.8,   170.8,   0.0);   (436025.4,
3709209.1,   171.4,   171.4,   0.0);
     (436053.2, 3709178.5,   171.2,   171.2,   0.0);   (436081.0,
3709147.9,   168.1,   170.7,   0.0);
     (436108.8, 3709117.2,   161.6,   171.8,   0.0);   (436136.6,
3709086.6,   159.0,   171.8,   0.0);
     (436164.4, 3709056.0,   157.4,   170.2,   0.0);   (435888.8,
3709364.3,   155.8,   177.1,   0.0);
     (435866.0, 3709399.0,   152.2,   177.1,   0.0);   (435830.3,
3709277.1,   172.8,   176.8,   0.0);
     (435857.5, 3709247.1,   176.7,   176.7,   0.0);   (435884.7,
3709217.1,   176.6,   176.6,   0.0);
     (435911.9, 3709187.2,   172.6,   176.3,   0.0);   (435939.1,
3709157.2,   171.5,   171.5,   0.0);
     (435966.3, 3709127.2,   171.6,   171.6,   0.0);   (435993.5,
3709097.3,   171.0,   171.0,   0.0);
     (436020.7, 3709067.3,   169.9,   169.9,   0.0);   (436047.9,
3709037.3,   166.0,   170.2,   0.0);
     (436075.1, 3709007.4,   164.1,   164.1,   0.0);   (436102.3,
3708977.4,   162.6,   162.6,   0.0);
     (435805.3, 3709309.4,   159.1,   177.1,   0.0);   (435782.5,
3709344.1,   152.0,   177.1,   0.0);
     (436986.1, 3710169.4,   82.1,   211.6,   0.0);   (436986.9,
3710192.5,   81.8,   211.6,   0.0);
     (436987.6, 3710215.5,   81.1,   211.6,   0.0);   (436941.6,
3710151.6,   94.5,   211.6,   0.0);
     (436936.9, 3710194.1,   95.3,   211.6,   0.0);   (436937.6,
3710217.2,   94.6,   211.6,   0.0);
     (436892.3, 3710150.8,   114.0,   211.6,   0.0);   (436898.5,
3710129.0,   111.2,   211.6,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***

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

(436904.6, 3710107.2, 107.7, 211.6, 0.0); (436886.2, 3710172.6, 116.2, 211.6, 0.0);
(436886.9, 3710195.7, 115.2, 211.6, 0.0); (436887.7, 3710218.8, 114.5, 211.6, 0.0);
(436841.6, 3710154.9, 129.3, 211.6, 0.0); (436852.6, 3710116.1, 124.4, 211.6, 0.0);
(436836.9, 3710197.3, 131.4, 211.6, 0.0); (436837.7, 3710220.4, 130.6, 211.6, 0.0);
(436792.1, 3710155.1, 140.5, 211.6, 0.0); (436803.8, 3710113.6, 135.5, 211.6, 0.0);
(436815.5, 3710072.0, 130.5, 211.6, 0.0); (436787.0, 3710198.9, 142.1, 205.1, 0.0);
(436787.7, 3710222.0, 142.2, 205.1, 0.0); (436742.4, 3710155.7, 153.0, 205.1, 0.0);
(436748.5, 3710133.9, 150.7, 205.1, 0.0); (436754.7, 3710112.1, 147.4, 210.9, 0.0);
(436760.8, 3710090.3, 143.6, 211.6, 0.0); (436766.9, 3710068.5, 140.4, 211.6, 0.0);
(436773.1, 3710046.7, 137.9, 211.6, 0.0); (436779.2, 3710024.9, 135.2, 211.6, 0.0);
(436736.2, 3710177.5, 155.1, 205.1, 0.0); (436737.0, 3710200.5, 154.2, 205.1, 0.0);
(436737.7, 3710223.6, 153.7, 205.1, 0.0); (436692.0, 3710158.7, 174.3, 205.1, 0.0);
(436703.5, 3710118.0, 170.7, 205.1, 0.0); (436714.9, 3710077.3, 160.8, 205.1, 0.0);
(436726.4, 3710036.6, 150.2, 211.6, 0.0); (436687.0, 3710202.2, 174.2, 205.1, 0.0);
(436687.8, 3710225.2, 173.0, 205.1, 0.0); (436642.2, 3710159.6, 196.3, 205.1, 0.0);
(436654.2, 3710117.3, 192.3, 205.1, 0.0); (436666.1, 3710075.0, 183.1, 205.1, 0.0);
(436678.0, 3710032.7, 169.0, 205.1, 0.0); (436689.9, 3709990.4, 151.6, 211.6, 0.0);
(436637.0, 3710203.8, 197.5, 205.1, 0.0); (436637.8, 3710226.8, 194.7, 205.1, 0.0);
(436592.5, 3710160.5, 200.1, 205.1, 0.0); (436598.6, 3710138.7, 199.5, 205.1, 0.0);
(436604.7, 3710116.9, 198.4, 205.1, 0.0); (436610.9, 3710095.1, 193.9, 205.1, 0.0);
(436617.0, 3710073.3, 188.8, 205.1, 0.0); (436623.2, 3710051.5, 184.6, 205.1, 0.0);
(436629.3, 3710029.7, 182.6, 205.1, 0.0); (436635.4, 3710007.9, 178.9, 205.1, 0.0);
(436641.6, 3709986.1, 172.1, 205.1, 0.0); (436647.7, 3709964.3, 163.8, 205.1, 0.0);
(436653.9, 3709942.5, 155.2, 211.6, 0.0); (436586.3,

3710182.3,   200.2,   205.1,   0.0);
     (436587.1, 3710205.4,   201.0,   205.1,   0.0);   (436587.8,
3710228.4,   198.8,   205.1,   0.0);
     (436542.2, 3710163.2,   193.1,   205.1,   0.0);   (436553.9,
3710121.6,   189.9,   205.1,   0.0);
     (436565.6, 3710080.1,   180.2,   205.1,   0.0);   (436577.3,
3710038.6,   176.3,   205.1,   0.0);
     (436589.0, 3709997.1,   176.6,   205.1,   0.0);   (436600.7,
3709955.5,   177.8,   205.1,   0.0);
     (436537.1, 3710207.0,   192.9,   205.1,   0.0);   (436537.8,
3710230.1,   192.5,   205.1,   0.0);
     (436442.5, 3710165.3,   186.6,   205.1,   0.0);   (436448.7,
3710143.5,   188.0,   205.1,   0.0);
     (436454.8, 3710121.8,   184.9,   205.1,   0.0);   (436461.0,
3710099.9,   180.5,   205.1,   0.0);
     (436467.1, 3710078.1,   176.8,   205.1,   0.0);   (436473.2,
3710056.3,   176.2,   205.1,   0.0);
     (436479.4, 3710034.5,   175.5,   205.1,   0.0);   (436485.5,
3710012.7,   174.8,   205.1,   0.0);
     (436491.7, 3709990.9,   174.1,   205.1,   0.0);   (436497.8,
3709969.1,   173.4,   205.1,   0.0);
     (436503.9, 3709947.3,   172.9,   205.1,   0.0);   (436510.1,
3709925.5,   172.4,   205.1,   0.0);
     (436516.2, 3709903.7,   171.8,   205.1,   0.0);   (436522.4,
3709881.9,   171.2,   205.1,   0.0);
     (436528.5, 3709860.1,   170.7,   205.1,   0.0);   (436436.4,
3710187.2,   184.7,   205.1,   0.0);
     (436437.1, 3710210.2,   184.4,   205.1,   0.0);   (436437.9,
3710233.3,   185.7,   205.1,   0.0);
     (436342.5, 3710169.0,   175.3,   205.1,   0.0);   (436354.5,
3710126.1,   175.0,   205.1,   0.0);
     (436366.6, 3710083.3,   175.0,   205.1,   0.0);   (436378.7,
3710040.4,   174.3,   205.1,   0.0);
     (436390.7, 3709997.6,   173.3,   205.1,   0.0);   (436402.8,
3709954.8,   171.9,   205.1,   0.0);
     (436414.9, 3709911.9,   171.3,   205.1,   0.0);   (436426.9,
3709869.1,   170.6,   170.6,   0.0);
     (436439.0, 3709826.3,   169.7,   169.7,   0.0);   (436337.2,
3710213.4,   176.9,   205.1,   0.0);
     (436337.9, 3710236.5,   177.1,   189.6,   0.0);   (436242.7,
3710171.5,   172.7,   172.7,   0.0);
     (436249.0, 3710149.3,   172.5,   172.5,   0.0);   (436255.2,
3710127.2,   173.8,   173.8,   0.0);

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

(436261.5, 3710105.0, 174.2, 174.2, 0.0); (436267.7, 3710082.9, 174.2, 174.2, 0.0);
(436273.9, 3710060.7, 173.9, 173.9, 0.0); (436280.2, 3710038.6, 173.6, 173.6, 0.0);
(436286.4, 3710016.4, 173.4, 173.4, 0.0); (436292.6, 3709994.3, 173.4, 173.4, 0.0);
(436298.9, 3709972.1, 173.1, 173.1, 0.0); (436305.1, 3709950.0, 172.6, 172.6, 0.0);
(436311.3, 3709927.8, 172.0, 172.0, 0.0); (436317.6, 3709905.7, 171.7, 171.7, 0.0);
(436323.8, 3709883.5, 171.2, 171.2, 0.0); (436330.1, 3709861.4, 170.3, 170.3, 0.0);
(436336.3, 3709839.2, 168.8, 170.0, 0.0); (436342.5, 3709817.1, 167.0, 170.0, 0.0);
(436348.8, 3709794.9, 165.1, 171.1, 0.0); (436355.0, 3709772.8, 163.7, 171.1, 0.0);
(436361.2, 3709750.7, 162.6, 171.1, 0.0); (436236.5, 3710193.6, 174.1, 174.1, 0.0);
(436237.2, 3710216.7, 175.1, 175.1, 0.0); (436238.0, 3710239.8, 175.1, 175.1, 0.0);
(436142.7, 3710175.0, 169.2, 169.2, 0.0); (436148.8, 3710153.2, 169.2, 169.2, 0.0);
(436155.0, 3710131.4, 168.5, 168.5, 0.0); (436161.1, 3710109.6, 168.6, 168.6, 0.0);
(436167.3, 3710087.8, 169.5, 173.1, 0.0); (436173.4, 3710066.0, 169.6, 173.1, 0.0);
(436179.5, 3710044.2, 170.2, 170.2, 0.0); (436185.7, 3710022.4, 170.8, 170.8, 0.0);
(436191.8, 3710000.6, 171.4, 171.4, 0.0); (436198.0, 3709978.8, 171.6, 171.6, 0.0);
(436204.1, 3709957.0, 171.8, 171.8, 0.0); (436210.2, 3709935.2, 171.9, 171.9, 0.0);
(436216.4, 3709913.4, 172.1, 172.1, 0.0); (436222.5, 3709891.6, 172.2, 172.2, 0.0);
(436228.6, 3709869.8, 172.0, 172.0, 0.0); (436234.8, 3709848.0, 171.8, 171.8, 0.0);
(436240.9, 3709826.2, 171.6, 171.6, 0.0); (436247.1, 3709804.4, 171.5, 171.5, 0.0);
(436253.2, 3709782.6, 171.2, 171.2, 0.0); (436259.3, 3709760.8, 170.8, 170.8, 0.0);
(436265.5, 3709739.0, 170.5, 170.5, 0.0); (436271.6, 3709717.2, 170.2, 170.2, 0.0);
(436277.8, 3709695.4, 166.5, 170.2, 0.0); (436136.6, 3710196.8, 170.0, 170.0, 0.0);
(436137.3, 3710219.9, 171.7, 174.2, 0.0); (436138.0,

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3710243.0,     174.1,     174.1,       0.0);
     ( 436042.7, 3710178.5,     168.5,     168.5,       0.0);         ( 436054.8,
3710135.5,     167.3,     167.3,       0.0);
     ( 436066.9, 3710092.4,     165.1,     170.1,       0.0);         ( 436073.0,
3710070.9,     166.2,     171.3,       0.0);
     ( 436085.1, 3710027.8,     171.0,     171.0,       0.0);         ( 436097.2,
3709984.7,     171.2,     171.2,       0.0);
     ( 436109.4, 3709941.7,     170.9,     170.9,       0.0);         ( 436121.5,
3709898.6,     170.7,     170.7,       0.0);
     ( 436133.6, 3709855.5,     170.0,     170.0,       0.0);         ( 436145.8,
3709812.5,     168.1,     168.1,       0.0);
     ( 436157.9, 3709769.4,     169.3,     169.3,       0.0);         ( 436170.0,
3709726.3,     169.4,     169.4,       0.0);
     ( 436182.1, 3709683.3,     164.2,     169.7,       0.0);         ( 436037.4,
3710223.1,     169.3,     183.4,       0.0);
     ( 436038.1, 3710246.2,     171.5,     183.4,       0.0);         ( 435942.9,
3710181.2,     166.6,     183.5,       0.0);
     ( 435949.1, 3710159.2,     165.9,     182.0,       0.0);         ( 435955.3,
3710137.1,     165.2,     176.3,       0.0);
     ( 435961.5, 3710115.1,     164.6,     164.6,       0.0);         ( 435967.7,
3710093.0,     164.1,     164.1,       0.0);
     ( 435973.9, 3710071.0,     163.9,     163.9,       0.0);         ( 435980.1,
3710048.9,     163.3,     163.3,       0.0);
     ( 435986.3, 3710026.9,     162.5,     171.8,       0.0);         ( 435992.5,
3710004.8,     164.1,     171.8,       0.0);
     ( 435998.8, 3709982.8,     167.9,     171.7,       0.0);         ( 436005.0,
3709960.7,     171.2,     171.2,       0.0);
     ( 436011.2, 3709938.7,     171.5,     171.5,       0.0);         ( 436017.4,
3709916.6,     171.4,     171.4,       0.0);
     ( 436023.6, 3709894.6,     171.4,     171.4,       0.0);         ( 436029.8,
3709872.5,     171.4,     171.4,       0.0);
     ( 436036.0, 3709850.5,     171.1,     171.1,       0.0);         ( 436042.2,
3709828.4,     170.9,     170.9,       0.0);
     ( 436048.4, 3709806.4,     170.8,     170.8,       0.0);         ( 436054.7,
3709784.3,     171.0,     171.0,       0.0);
     ( 436060.9, 3709762.2,     171.2,     171.2,       0.0);         ( 436067.1,
3709740.2,     170.6,     170.6,       0.0);
     ( 436073.3, 3709718.1,     168.1,     171.3,       0.0);         ( 436079.5,
3709696.1,     163.4,     171.7,       0.0);
     ( 436085.7, 3709674.0,     161.7,     171.4,       0.0);         ( 436091.9,
3709652.0,     161.8,     161.8,       0.0);
     ( 436098.1, 3709629.9,     162.5,     162.5,       0.0);         ( 436104.3,
3709607.9,     163.7,     163.7,       0.0);
     ( 436110.5, 3709585.8,     164.7,     164.7,       0.0);         ( 435936.7,
3710203.3,     167.4,     183.5,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(435937.4, 3710226.4, 171.5, 183.5, 0.0); (435938.1, 3710249.4, 176.6, 176.6, 0.0);
(435842.8, 3710184.7, 166.7, 178.9, 0.0); (435849.0, 3710162.9, 166.1, 178.3, 0.0);
(435855.1, 3710141.1, 165.7, 165.7, 0.0); (435861.3, 3710119.3, 165.3, 165.3, 0.0);
(435867.4, 3710097.5, 164.4, 164.4, 0.0); (435873.5, 3710075.7, 164.0, 164.0, 0.0);
(435879.7, 3710053.9, 163.6, 163.6, 0.0); (435885.8, 3710032.1, 162.6, 162.6, 0.0);
(435892.0, 3710010.3, 162.0, 162.0, 0.0); (435898.1, 3709988.5, 161.6, 171.8, 0.0);
(435904.2, 3709966.7, 161.7, 172.4, 0.0); (435910.4, 3709944.9, 163.3, 172.4, 0.0);
(435916.5, 3709923.1, 167.1, 172.4, 0.0); (435922.7, 3709901.3, 171.2, 171.2, 0.0);
(435928.8, 3709879.5, 172.0, 172.0, 0.0); (435935.0, 3709857.7, 171.9, 171.9, 0.0);
(435941.1, 3709835.9, 171.7, 171.7, 0.0); (435947.2, 3709814.1, 171.7, 171.7, 0.0);
(435953.4, 3709792.3, 171.6, 171.6, 0.0); (435959.5, 3709770.5, 171.6, 171.6, 0.0);
(435965.6, 3709748.7, 171.5, 171.5, 0.0); (435971.8, 3709726.9, 171.2, 171.2, 0.0);
(435977.9, 3709705.1, 167.3, 171.7, 0.0); (435984.1, 3709683.3, 162.0, 172.2, 0.0);
(435990.2, 3709661.5, 158.8, 172.2, 0.0); (435996.3, 3709639.7, 156.9, 172.2, 0.0);
(436002.5, 3709617.9, 155.3, 172.2, 0.0); (436008.6, 3709596.1, 154.3, 172.0, 0.0);
(436014.8, 3709574.3, 154.2, 171.7, 0.0); (436020.9, 3709552.5, 154.2, 170.4, 0.0);
(436027.0, 3709530.7, 154.7, 171.0, 0.0); (435836.7, 3710206.5, 167.4, 179.2, 0.0);
(435837.5, 3710229.6, 167.5, 183.5, 0.0); (435838.2, 3710252.7, 167.6, 183.6, 0.0);
(435742.8, 3710188.2, 171.9, 171.9, 0.0); (435748.9, 3710166.6, 169.9, 172.6, 0.0);
(435761.1, 3710123.4, 166.2, 166.2, 0.0); (435773.2, 3710080.2, 162.4, 162.4, 0.0);
(435779.3, 3710058.6, 162.0, 162.0, 0.0); (435791.5, 3710015.4, 161.0, 161.0, 0.0);
(435797.6, 3709993.8, 161.0, 161.0, 0.0); (435809.7,

```
3709950.6,     161.5,     161.5,       0.0);
     ( 435821.9, 3709907.4,     161.5,     172.6,       0.0);         ( 435828.0,
3709885.8,     162.3,     172.7,       0.0);
     ( 435840.1, 3709842.6,     169.2,     172.6,       0.0);         ( 435846.2,
3709821.1,     169.1,     172.6,       0.0);
     ( 435858.4, 3709777.9,     167.2,     172.7,       0.0);         ( 435870.5,
3709734.7,     161.6,     172.7,       0.0);
     ( 435876.6, 3709713.1,     159.0,     172.7,       0.0);         ( 435888.8,
3709669.9,     156.9,     172.7,       0.0);
     ( 435894.9, 3709648.3,     156.3,     172.7,       0.0);         ( 435907.0,
3709605.1,     154.9,     172.6,       0.0);
     ( 435919.2, 3709561.9,     153.9,     171.7,       0.0);         ( 435925.3,
3709540.3,     153.8,     153.8,       0.0);
     ( 435937.4, 3709497.1,     153.6,     177.1,       0.0);         ( 435737.5,
3710232.8,     171.9,     171.9,       0.0);
     ( 435738.3, 3710255.9,     170.6,     170.6,       0.0);         ( 435643.0,
3710191.0,     173.2,     173.2,       0.0);
     ( 435649.2, 3710169.0,     171.1,     173.2,       0.0);         ( 435655.4,
3710147.0,     168.6,     173.8,       0.0);
     ( 435661.6, 3710125.0,     167.7,     167.7,       0.0);         ( 435667.8,
3710103.0,     164.3,     173.9,       0.0);
     ( 435674.0, 3710081.0,     161.5,     173.9,       0.0);         ( 435680.2,
3710059.0,     159.5,     173.9,       0.0);
     ( 435686.4, 3710037.0,     158.7,     173.9,       0.0);         ( 435692.6,
3710015.0,     158.3,     158.3,       0.0);
     ( 435698.8, 3709993.0,     158.0,     158.0,       0.0);         ( 435705.0,
3709971.0,     157.6,     157.6,       0.0);
     ( 435711.2, 3709949.0,     157.7,     157.7,       0.0);         ( 435717.3,
3709927.0,     157.8,     157.8,       0.0);
     ( 435723.5, 3709905.0,     157.7,     157.7,       0.0);         ( 435729.7,
3709883.0,     157.6,     172.6,       0.0);
     ( 435735.9, 3709861.0,     157.5,     172.6,       0.0);         ( 435742.1,
3709839.0,     157.6,     172.7,       0.0);
     ( 435748.3, 3709817.0,     159.6,     172.6,       0.0);         ( 435754.5,
3709795.0,     162.8,     164.5,       0.0);
     ( 435760.7, 3709773.0,     164.5,     164.5,       0.0);         ( 435766.9,
3709751.0,     164.4,     164.4,       0.0);
     ( 435773.1, 3709729.0,     164.0,     164.0,       0.0);         ( 435779.3,
3709707.0,     161.4,     164.2,       0.0);
     ( 435785.5, 3709685.0,     157.6,     172.2,       0.0);         ( 435791.7,
3709663.0,     155.9,     172.2,       0.0);
     ( 435797.9, 3709641.0,     155.5,     172.2,       0.0);         ( 435804.1,
3709619.0,     154.9,     172.2,       0.0);
     ( 435810.3, 3709597.0,     153.5,     172.2,       0.0);         ( 435816.5,
3709575.0,     152.8,     152.8,       0.0);
     ( 435822.7, 3709553.0,     152.3,     152.3,       0.0);         ( 435828.9,
3709531.0,     152.0,     152.0,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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)

(435835.0, 3709509.0, 151.9, 177.1, 0.0); (435841.2, 3709487.0, 152.0, 177.1, 0.0);
(435847.4, 3709465.0, 152.2, 177.1, 0.0); (435853.6, 3709443.0, 152.3, 177.1, 0.0);
(435859.8, 3709421.0, 152.3, 177.1, 0.0); (435636.8, 3710213.0, 173.5, 173.5, 0.0);
(435637.6, 3710236.0, 172.9, 172.9, 0.0); (435638.3, 3710259.1, 171.2, 171.2, 0.0);
(435543.0, 3710194.4, 171.3, 171.3, 0.0); (435549.1, 3710172.6, 170.3, 171.9, 0.0);
(435555.3, 3710150.8, 168.1, 172.8, 0.0); (435561.4, 3710129.0, 166.7, 172.8, 0.0);
(435567.6, 3710107.2, 164.4, 173.0, 0.0); (435573.7, 3710085.4, 161.6, 173.0, 0.0);
(435579.8, 3710063.6, 159.9, 173.0, 0.0); (435586.0, 3710041.8, 158.2, 173.0, 0.0);
(435592.1, 3710020.0, 156.7, 156.7, 0.0); (435598.3, 3709998.2, 155.6, 155.6, 0.0);
(435604.4, 3709976.4, 155.1, 155.1, 0.0); (435610.5, 3709954.6, 154.6, 154.6, 0.0);
(435616.7, 3709932.8, 153.9, 153.9, 0.0); (435622.8, 3709911.0, 152.7, 152.7, 0.0);
(435629.0, 3709889.2, 152.1, 152.1, 0.0); (435635.1, 3709867.4, 151.9, 151.9, 0.0);
(435641.2, 3709845.6, 151.9, 151.9, 0.0); (435647.4, 3709823.8, 151.9, 164.5, 0.0);
(435653.5, 3709802.0, 152.1, 164.5, 0.0); (435659.7, 3709780.2, 153.0, 164.5, 0.0);
(435665.8, 3709758.4, 156.9, 164.1, 0.0); (435671.9, 3709736.6, 160.1, 160.1, 0.0);
(435678.1, 3709714.8, 161.4, 161.4, 0.0); (435684.2, 3709693.0, 160.9, 160.9, 0.0);
(435690.4, 3709671.2, 160.5, 160.5, 0.0); (435696.5, 3709649.4, 159.4, 161.3, 0.0);
(435702.6, 3709627.6, 157.5, 161.6, 0.0); (435708.8, 3709605.8, 154.4, 161.7, 0.0);
(435714.9, 3709584.0, 152.2, 161.7, 0.0); (435721.1, 3709562.2, 150.4, 161.7, 0.0);
(435727.2, 3709540.4, 149.3, 161.7, 0.0); (435733.3, 3709518.6, 148.8, 161.6, 0.0);
(435739.5, 3709496.8, 149.0, 177.1, 0.0); (435745.6,

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3709474.9,     149.5,     177.1,       0.0);
     ( 435751.8, 3709453.1,     149.9,     177.1,       0.0);         ( 435757.9,
3709431.3,     150.5,     177.1,       0.0);
     ( 435764.0, 3709409.5,     151.1,     177.1,       0.0);         ( 435770.2,
3709387.8,     151.0,     177.1,       0.0);
     ( 435776.3, 3709365.9,     151.4,     177.1,       0.0);         ( 435536.9,
3710216.2,     171.3,     171.3,       0.0);
     ( 435537.6, 3710239.3,     170.0,     170.0,       0.0);         ( 435538.4,
3710262.3,     168.5,     168.5,       0.0);
     ( 436998.3, 3710253.2,      77.3,     211.6,       0.0);         ( 437006.2,
3710276.0,      75.3,     211.6,       0.0);
     ( 437014.2, 3710298.8,      74.7,     211.6,       0.0);         ( 436943.1,
3710246.8,      92.2,     211.6,       0.0);
     ( 436951.1, 3710269.6,      88.9,     211.6,       0.0);         ( 436959.0,
3710292.4,      85.9,     211.6,       0.0);
     ( 436966.9, 3710315.2,      83.5,     211.6,       0.0);         ( 436891.8,
3710241.0,     112.8,     211.6,       0.0);
     ( 436895.9, 3710263.2,     111.7,     211.6,       0.0);         ( 436903.8,
3710286.0,     106.3,     211.6,       0.0);
     ( 436911.8, 3710308.8,     100.9,     211.6,       0.0);         ( 436919.7,
3710331.7,      96.2,     211.6,       0.0);
     ( 436845.0, 3710259.9,     127.2,     211.6,       0.0);         ( 436856.6,
3710302.4,     120.6,     211.6,       0.0);
     ( 436864.5, 3710325.3,     116.5,     211.6,       0.0);         ( 436872.5,
3710348.1,     113.6,     211.6,       0.0);
     ( 436798.0, 3710277.5,     139.0,     205.1,       0.0);         ( 436809.4,
3710318.9,     134.5,     205.1,       0.0);
     ( 436817.3, 3710341.7,     131.6,     205.1,       0.0);         ( 436825.3,
3710364.5,     129.0,     205.1,       0.0);
     ( 436750.1, 3710290.3,     149.6,     205.1,       0.0);         ( 436746.0,
3710268.0,     150.9,     205.1,       0.0);
     ( 436741.9, 3710245.8,     152.2,     205.1,       0.0);         ( 436754.2,
3710312.5,     148.4,     205.1,       0.0);
     ( 436762.2, 3710335.3,     146.3,     205.1,       0.0);         ( 436770.1,
3710358.1,     143.7,     205.1,       0.0);
     ( 436778.0, 3710380.9,     139.4,     205.1,       0.0);         ( 436703.1,
3710308.2,     163.7,     205.1,       0.0);
     ( 436695.5, 3710266.7,     168.6,     205.1,       0.0);         ( 436714.9,
3710351.7,     157.5,     205.1,       0.0);
     ( 436722.9, 3710374.5,     152.4,     205.1,       0.0);         ( 436730.8,
3710397.4,     145.4,     205.1,       0.0);
     ( 436655.4, 3710321.6,     181.6,     205.1,       0.0);         ( 436651.0,
3710297.9,     185.1,     205.1,       0.0);
     ( 436646.6, 3710274.2,     187.6,     205.1,       0.0);         ( 436642.2,
3710250.5,     190.8,     205.1,       0.0);
     ( 436659.8, 3710345.3,     178.9,     205.1,       0.0);         ( 436667.7,
3710368.1,     175.0,     205.1,       0.0);
     ( 436675.6, 3710391.0,     169.3,     205.1,       0.0);         ( 436683.6,
3710413.8,     154.9,     205.1,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(436608.4, 3710339.5, 189.3, 204.7, 0.0); (436604.3, 3710317.3, 191.8, 204.7, 0.0);
(436600.2, 3710295.1, 193.9, 204.7, 0.0); (436591.9, 3710250.7, 197.1, 205.1, 0.0);
(436612.5, 3710361.8, 187.0, 204.7, 0.0); (436620.5, 3710384.6, 181.3, 205.1, 0.0);
(436628.4, 3710407.4, 172.4, 205.1, 0.0); (436636.4, 3710430.2, 160.2, 205.1, 0.0);
(436561.4, 3710357.0, 185.8, 205.1, 0.0); (436553.5, 3710314.7, 186.8, 205.1, 0.0);
(436545.7, 3710272.4, 190.2, 205.1, 0.0); (436573.3, 3710401.0, 174.1, 205.1, 0.0);
(436581.2, 3710423.8, 165.3, 205.1, 0.0); (436589.1, 3710446.6, 161.5, 205.1, 0.0);
(436466.8, 3710388.8, 185.7, 185.7, 0.0); (436462.6, 3710366.6, 185.7, 185.7, 0.0);
(436454.4, 3710322.2, 186.1, 186.1, 0.0); (436450.3, 3710299.9, 186.5, 186.5, 0.0);
(436446.1, 3710277.7, 187.0, 187.0, 0.0); (436442.0, 3710255.5, 186.7, 204.7, 0.0);
(436470.9, 3710411.0, 185.6, 185.6, 0.0); (436478.8, 3710433.8, 185.5, 185.5, 0.0);
(436486.8, 3710456.7, 185.4, 185.4, 0.0); (436494.7, 3710479.5, 185.6, 185.6, 0.0);
(436372.1, 3710420.8, 184.4, 184.4, 0.0); (436367.9, 3710397.8, 183.1, 183.1, 0.0);
(436363.6, 3710374.8, 182.1, 182.1, 0.0); (436359.3, 3710351.7, 181.4, 181.4, 0.0);
(436355.0, 3710328.7, 181.0, 181.0, 0.0); (436350.8, 3710305.6, 179.2, 179.2, 0.0);
(436346.5, 3710282.6, 178.1, 178.1, 0.0); (436342.2, 3710259.6, 177.5, 189.6, 0.0);
(436376.4, 3710443.9, 184.8, 184.8, 0.0); (436384.4, 3710466.7, 185.0, 185.0, 0.0);
(436392.3, 3710489.5, 185.1, 185.1, 0.0); (436400.2, 3710512.3, 184.8, 184.8, 0.0);
(436277.6, 3710453.0, 185.1, 185.1, 0.0); (436273.2, 3710429.3, 183.7, 183.7, 0.0);
(436268.8, 3710405.6, 182.8, 182.8, 0.0); (436264.4,

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3710381.9,     182.1,     182.1,       0.0);
     ( 436260.0, 3710358.2,     181.5,     182.8,       0.0);         ( 436255.6,
3710334.5,     179.8,     184.8,       0.0);
     ( 436251.2, 3710310.8,     178.3,     184.8,       0.0);         ( 436246.8,
3710287.1,     177.0,     177.0,       0.0);
     ( 436242.4, 3710263.4,     175.9,     175.9,       0.0);         ( 436282.0,
3710476.7,     185.4,     185.4,       0.0);
     ( 436289.9, 3710499.5,     185.6,     185.6,       0.0);         ( 436297.8,
3710522.4,     185.4,     185.4,       0.0);
     ( 436305.8, 3710545.2,     183.8,     183.8,       0.0);         ( 436183.4,
3710487.4,     182.6,     182.6,       0.0);
     ( 436175.2, 3710442.9,     184.1,     184.1,       0.0);         ( 436171.0,
3710420.7,     183.8,     183.8,       0.0);
     ( 436166.9, 3710398.5,     183.9,     183.9,       0.0);         ( 436162.8,
3710376.3,     183.8,     183.8,       0.0);
     ( 436158.7, 3710354.1,     182.4,     184.8,       0.0);         ( 436154.5,
3710331.8,     180.0,     184.8,       0.0);
     ( 436146.3, 3710287.4,     176.8,     178.7,       0.0);         ( 436142.2,
3710265.2,     174.7,     178.7,       0.0);
     ( 436187.5, 3710509.6,     180.1,     185.0,       0.0);         ( 436195.5,
3710532.4,     179.0,     185.0,       0.0);
     ( 436203.4, 3710555.2,     178.7,     178.7,       0.0);         ( 436211.3,
3710578.0,     179.0,     179.0,       0.0);
     ( 436088.8, 3710519.6,     175.6,     175.6,       0.0);         ( 436084.6,
3710496.8,     175.3,     183.6,       0.0);
     ( 436080.4, 3710474.1,     176.3,     183.6,       0.0);         ( 436076.2,
3710451.3,     178.3,     182.5,       0.0);
     ( 436071.9, 3710428.5,     181.5,     181.8,       0.0);         ( 436067.7,
3710405.7,     181.4,     181.4,       0.0);
     ( 436063.5, 3710382.9,     181.1,     181.1,       0.0);         ( 436059.2,
3710360.1,     180.5,     180.5,       0.0);
     ( 436055.0, 3710337.3,     179.0,     179.0,       0.0);         ( 436050.8,
3710314.6,     178.0,     181.7,       0.0);
     ( 436046.6, 3710291.8,     177.1,     177.1,       0.0);         ( 436042.3,
3710269.0,     175.4,     177.9,       0.0);
     ( 436093.1, 3710542.4,     175.1,     175.1,       0.0);         ( 436101.0,
3710565.2,     174.6,     174.6,       0.0);
     ( 436109.0, 3710588.1,     174.5,     174.5,       0.0);         ( 436116.9,
3710610.9,     175.2,     175.2,       0.0);
     ( 435994.3, 3710552.0,     164.3,     183.6,       0.0);         ( 435990.0,
3710528.7,     168.1,     182.4,       0.0);
     ( 435985.7, 3710505.4,     170.9,     182.4,       0.0);         ( 435981.3,
3710482.2,     172.5,     182.4,       0.0);
     ( 435977.0, 3710458.9,     172.2,     183.6,       0.0);         ( 435972.7,
3710435.6,     174.1,     183.6,       0.0);
     ( 435968.4, 3710412.3,     178.2,     183.6,       0.0);         ( 435964.1,
3710389.1,     182.2,     182.2,       0.0);
     ( 435959.8, 3710365.8,     183.4,     183.4,       0.0);         ( 435955.4,
3710342.5,     183.4,     183.4,       0.0);
     ( 435951.1, 3710319.3,     182.6,     182.6,       0.0);         ( 435946.8,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (435942.5, 3710272.7,   178.8,   178.8,   0.0);   (435998.6, 3710575.3,   164.3,   183.6,   0.0);
     (436006.6, 3710598.1,   165.5,   165.5,   0.0);   (436014.5, 3710620.9,   166.9,   171.1,   0.0);
     (436022.4, 3710643.7,   168.1,   171.1,   0.0);   (435899.8, 3710584.4,   154.8,   183.6,   0.0);
     (435895.4, 3710560.7,   154.9,   183.6,   0.0);   (435891.0, 3710537.0,   156.8,   183.6,   0.0);
     (435886.6, 3710513.3,   161.1,   183.6,   0.0);   (435882.2, 3710489.6,   166.7,   183.6,   0.0);
     (435877.8, 3710465.9,   167.3,   183.6,   0.0);   (435873.4, 3710442.2,   167.2,   183.6,   0.0);
     (435869.0, 3710418.5,   166.4,   183.6,   0.0);   (435864.6, 3710394.8,   165.5,   183.6,   0.0);
     (435860.2, 3710371.1,   167.4,   183.6,   0.0);   (435855.8, 3710347.4,   171.0,   183.6,   0.0);
     (435851.4, 3710323.8,   172.3,   183.6,   0.0);   (435847.0, 3710300.1,   171.2,   183.6,   0.0);
     (435842.6, 3710276.4,   168.5,   183.6,   0.0);   (435904.2, 3710608.1,   154.9,   183.6,   0.0);
     (435912.1, 3710630.9,   155.7,   183.6,   0.0);   (435920.0, 3710653.8,   156.4,   174.8,   0.0);
     (435928.0, 3710676.6,   157.2,   173.4,   0.0);   (435805.5, 3710618.3,   145.3,   183.6,   0.0);
     (435801.3, 3710595.7,   147.3,   183.6,   0.0);   (435797.1, 3710573.0,   150.5,   183.6,   0.0);
     (435792.9, 3710550.4,   155.7,   183.6,   0.0);   (435788.7, 3710527.7,   158.4,   183.6,   0.0);
     (435784.5, 3710505.1,   159.4,   183.6,   0.0);   (435780.3, 3710482.4,   159.5,   183.6,   0.0);
     (435776.1, 3710459.8,   158.1,   183.6,   0.0);   (435771.9, 3710437.1,   156.3,   183.6,   0.0);
     (435767.7, 3710414.4,   156.0,   183.6,   0.0);   (435763.5, 3710391.8,   157.3,   183.6,   0.0);
     (435759.3, 3710369.1,   160.9,   183.6,   0.0);   (435755.1, 3710346.5,   165.9,   169.1,   0.0);
     (435750.9, 3710323.8,   168.9,   168.9,   0.0);   (435746.7,

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3710301.2,     169.9,     169.9,       0.0);
     ( 435742.5, 3710278.5,     169.9,     169.9,       0.0);         ( 435809.7,
3710641.0,     143.2,     184.4,       0.0);
     ( 435817.7, 3710663.8,     141.9,     184.4,       0.0);         ( 435825.6,
3710686.6,     141.7,     184.4,       0.0);
     ( 435833.5, 3710709.4,     142.1,     183.6,       0.0);         ( 435711.0,
3710650.8,     132.0,     184.4,       0.0);
     ( 435706.7, 3710627.7,     135.7,     183.6,       0.0);         ( 435702.4,
3710604.7,     141.8,     183.6,       0.0);
     ( 435698.2, 3710581.7,     148.7,     183.6,       0.0);         ( 435693.9,
3710558.6,     151.5,     183.6,       0.0);
     ( 435689.6, 3710535.6,     151.5,     183.6,       0.0);         ( 435685.3,
3710512.5,     148.8,     183.6,       0.0);
     ( 435681.1, 3710489.5,     144.1,     183.6,       0.0);         ( 435676.8,
3710466.5,     142.2,     183.6,       0.0);
     ( 435672.5, 3710443.4,     142.3,     183.6,       0.0);         ( 435668.2,
3710420.4,     143.5,     183.6,       0.0);
     ( 435664.0, 3710397.3,     145.6,     183.6,       0.0);         ( 435659.7,
3710374.3,     151.3,     183.6,       0.0);
     ( 435655.4, 3710351.3,     158.7,     174.0,       0.0);         ( 435651.1,
3710328.2,     165.1,     170.0,       0.0);
     ( 435646.9, 3710305.2,     169.2,     169.2,       0.0);         ( 435642.6,
3710282.2,     169.4,     169.4,       0.0);
     ( 435715.3, 3710673.8,     132.6,     184.4,       0.0);         ( 435723.2,
3710696.6,     133.4,     183.6,       0.0);
     ( 435731.1, 3710719.5,     133.9,     183.6,       0.0);         ( 435739.1,
3710742.3,     133.6,     183.6,       0.0);
     ( 435616.5, 3710683.3,     130.9,     183.6,       0.0);         ( 435612.1,
3710659.9,     130.6,     183.6,       0.0);
     ( 435607.8, 3710636.5,     130.2,     183.6,       0.0);         ( 435603.5,
3710613.1,     129.9,     183.6,       0.0);
     ( 435599.1, 3710589.7,     129.1,     183.6,       0.0);         ( 435594.8,
3710566.4,     128.8,     183.6,       0.0);
     ( 435590.4, 3710543.0,     128.8,     183.6,       0.0);         ( 435586.1,
3710519.6,     129.2,     183.6,       0.0);
     ( 435581.8, 3710496.2,     129.5,     183.6,       0.0);         ( 435577.4,
3710472.8,     131.6,     183.6,       0.0);
     ( 435573.1, 3710449.4,     134.4,     183.6,       0.0);         ( 435568.7,
3710426.0,     137.7,     183.6,       0.0);
     ( 435564.4, 3710402.7,     140.2,     183.6,       0.0);         ( 435560.1,
3710379.3,     147.8,     174.0,       0.0);
     ( 435555.7, 3710355.9,     155.6,     173.6,       0.0);         ( 435551.4,
3710332.5,     162.1,     171.9,       0.0);
     ( 435547.0, 3710309.1,     166.5,     166.5,       0.0);         ( 435542.7,
3710285.7,     167.4,     167.4,       0.0);
     ( 435620.8, 3710706.7,     131.1,     183.6,       0.0);         ( 435628.8,
3710729.5,     131.2,     183.6,       0.0);
     ( 435636.7, 3710752.3,     129.2,     183.6,       0.0);         ( 435644.6,
3710775.1,     124.9,     183.6,       0.0);
     ( 437027.4, 3710326.7,      72.1,     211.6,       0.0);         ( 437038.3,
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3710349.0,   69.3,   211.6,   0.0);
     (437049.2, 3710371.3,   67.2,   211.6,   0.0);   (436982.5,
3710348.6,   80.0,   211.6,   0.0);

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

     (436993.4, 3710371.0,   78.3,   211.6,   0.0);   (437004.3,
3710393.3,   76.8,   211.6,   0.0);
     (436937.5, 3710370.6,   88.0,   211.6,   0.0);   (436948.5,
3710392.9,   83.8,   211.6,   0.0);
     (436959.4, 3710415.3,   80.3,   211.6,   0.0);   (436881.7,
3710370.2,   108.9,   211.6,   0.0);
     (436892.6, 3710392.6,   101.8,   211.6,   0.0);   (436903.5,
3710414.9,   93.2,   211.6,   0.0);
     (436914.5, 3710437.2,   84.7,   211.6,   0.0);   (436836.8,
3710392.2,   123.7,   205.1,   0.0);
     (436847.7, 3710414.5,   115.0,   211.6,   0.0);   (436858.6,
3710436.9,   103.2,   211.6,   0.0);
     (436869.5, 3710459.2,   91.6,   211.6,   0.0);   (436791.9,
3710414.2,   127.8,   205.1,   0.0);
     (436802.8, 3710436.5,   116.6,   210.9,   0.0);   (436813.7,
3710458.8,   104.4,   211.6,   0.0);
     (436824.6, 3710481.1,   93.3,   211.6,   0.0);   (436747.0,
3710436.1,   126.5,   205.1,   0.0);
     (436757.9, 3710458.5,   115.4,   205.1,   0.0);   (436768.8,
3710480.8,   103.4,   211.6,   0.0);
     (436779.7, 3710503.1,   97.9,   211.6,   0.0);   (436692.8,
3710435.9,   140.3,   205.1,   0.0);
     (436702.0, 3710458.1,   126.8,   205.1,   0.0);   (436713.0,
3710480.4,   114.7,   205.1,   0.0);
     (436723.9, 3710502.8,   111.6,   205.1,   0.0);   (436734.8,
3710525.1,   113.5,   205.1,   0.0);
     (436650.2, 3710463.4,   139.7,   205.1,   0.0);   (436668.0,
3710502.4,   131.5,   205.1,   0.0);
     (436679.0, 3710524.7,   134.0,   205.1,   0.0);   (436689.9,
3710547.0,   141.1,   205.1,   0.0);
     (436604.5, 3710483.6,   164.3,   205.1,   0.0);   (436623.1,
3710524.3,   164.3,   205.1,   0.0);
     (436634.0, 3710546.7,   166.4,   205.1,   0.0);   (436645.0,
3710569.0,   166.6,   204.7,   0.0);
     (436513.1, 3710523.8,   185.6,   185.6,   0.0);   (436503.9,

3710501.6,   185.6,   185.6,   0.0);
     (436522.4, 3710545.9,   185.8,   185.8,   0.0);   (436533.3,
3710568.3,   184.7,   184.7,   0.0);
     (436544.2, 3710590.6,   183.9,   183.9,   0.0);   (436555.1,
3710612.9,   183.5,   183.5,   0.0);
     (436424.5, 3710570.5,   183.8,   183.8,   0.0);   (436443.5,
3710612.2,   182.7,   182.7,   0.0);
     (436454.4, 3710634.5,   181.7,   181.7,   0.0);   (436465.3,
3710656.8,   180.1,   180.1,   0.0);
     (436333.5, 3710611.6,   180.3,   180.3,   0.0);   (436324.2,
3710589.5,   180.7,   186.4,   0.0);
     (436315.0, 3710567.3,   182.0,   185.4,   0.0);   (436342.7,
3710633.8,   180.2,   180.2,   0.0);
     (436353.6, 3710656.1,   179.7,   179.7,   0.0);   (436364.5,
3710678.4,   178.9,   178.9,   0.0);
     (436375.5, 3710700.8,   177.2,   177.2,   0.0);   (436244.6,
3710657.8,   178.6,   178.6,   0.0);
     (436228.0, 3710617.9,   179.4,   179.4,   0.0);   (436263.8,
3710700.0,   176.7,   176.7,   0.0);
     (436274.7, 3710722.4,   175.8,   175.8,   0.0);   (436285.6,
3710744.7,   175.1,   175.1,   0.0);
     (436153.8, 3710699.5,   176.7,   176.7,   0.0);   (436144.6,
3710677.3,   176.8,   176.8,   0.0);
     (436135.3, 3710655.2,   176.6,   176.6,   0.0);   (436126.1,
3710633.0,   176.4,   176.4,   0.0);
     (436163.0, 3710721.6,   175.8,   175.8,   0.0);   (436173.9,
3710744.0,   174.9,   174.9,   0.0);
     (436184.9, 3710766.3,   174.2,   174.2,   0.0);   (436195.8,
3710788.6,   173.7,   173.7,   0.0);
     (436064.7, 3710745.3,   168.8,   173.4,   0.0);   (436047.8,
3710704.6,   171.4,   171.7,   0.0);
     (436084.1, 3710787.9,   169.3,   169.3,   0.0);   (436095.0,
3710810.2,   167.8,   172.4,   0.0);
     (436105.9, 3710832.5,   163.6,   175.5,   0.0);   (435974.1,
3710787.3,   156.8,   176.7,   0.0);
     (435964.9, 3710765.2,   157.5,   175.4,   0.0);   (435955.7,
3710743.0,   155.7,   177.3,   0.0);
     (435946.4, 3710720.9,   155.2,   177.3,   0.0);   (435937.2,
3710698.7,   155.5,   177.3,   0.0);
     (435983.4, 3710809.5,   154.7,   177.3,   0.0);   (435994.3,
3710831.8,   151.3,   177.3,   0.0);
     (436005.2, 3710854.1,   149.1,   178.3,   0.0);   (436016.1,
3710876.5,   146.3,   179.2,   0.0);
     (435885.0, 3710832.8,   133.6,   185.5,   0.0);   (435867.8,
3710791.7,   135.0,   185.5,   0.0);
     (435850.7, 3710750.6,   140.6,   183.6,   0.0);   (435904.4,
3710875.8,   133.5,   185.5,   0.0);
     (435915.3, 3710898.1,   134.4,   179.8,   0.0);   (435926.3,
3710920.4,   135.7,   179.6,   0.0);
     (435794.5, 3710875.2,   127.5,   184.4,   0.0);   (435785.2,

3710853.0,   125.2,   185.5,   0.0);
     (435776.0, 3710830.9,   123.7,   186.0,   0.0);   (435766.8,
3710808.7,   124.1,   186.0,   0.0);
     (435757.5, 3710786.6,   126.9,   185.2,   0.0);   (435748.3,
3710764.4,   131.1,   184.4,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (435803.7, 3710897.3,   130.0,   178.3,   0.0);   (435814.6,
3710919.7,   132.6,   177.3,   0.0);
     (435825.5, 3710942.0,   134.6,   177.3,   0.0);   (435836.4,
3710964.3,   137.2,   174.3,   0.0);
     (435705.2, 3710920.5,   128.0,   174.3,   0.0);   (435687.9,
3710879.0,   121.9,   183.6,   0.0);
     (435670.6, 3710837.4,   117.6,   185.0,   0.0);   (435724.8,
3710963.6,   131.1,   141.9,   0.0);
     (435735.7, 3710985.9,   135.2,   141.1,   0.0);   (435746.6,
3711008.2,   139.8,   140.6,   0.0);
     (437052.6, 3710321.5,   67.5,   211.6,   0.0);   (437017.8,
3710373.3,   73.8,   211.6,   0.0);
     (436964.7, 3710362.6,   82.7,   211.6,   0.0);   (436881.7,
3710306.8,   112.0,   211.6,   0.0);
     (436863.5, 3710244.4,   122.5,   211.6,   0.0);   (436828.6,
3710296.2,   129.2,   210.9,   0.0);
     (436810.4, 3710233.8,   137.2,   205.1,   0.0);   (436662.7,
3710184.6,   186.4,   205.1,   0.0);
     (436538.2, 3710100.9,   182.8,   205.1,   0.0);   (436383.8,
3709972.0,   172.0,   205.1,   0.0);
     (436289.2, 3709933.5,   172.5,   172.5,   0.0);   (436123.3,
3709821.9,   169.3,   169.3,   0.0);
     (435920.8, 3709585.4,   154.2,   172.2,   0.0);   (436987.8,
3710422.8,   76.5,   211.6,   0.0);
     (436981.8, 3710445.1,   73.7,   211.6,   0.0);   (436975.9,
3710467.5,   72.9,   211.6,   0.0);
     (436969.9, 3710489.8,   73.4,   211.6,   0.0);   (436921.6,
3710476.9,   77.9,   211.6,   0.0);
     (436904.8, 3710367.0,   99.8,   211.6,   0.0);   (436851.9,
3710364.1,   121.0,   211.6,   0.0);
     (436776.7, 3710438.3,   120.9,   205.1,   0.0);   (436746.2,
3710358.4,   148.4,   205.1,   0.0);
     (436726.5, 3710282.4,   156.4,   205.1,   0.0);   (436692.0,

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3710367.8,     164.9,     205.1,       0.0);
     ( 436618.8, 3710281.1,     196.9,     204.7,       0.0);         ( 436589.4,
3710364.4,     184.9,     205.1,       0.0);
     ( 436570.0, 3710269.3,     191.8,     205.1,       0.0);         ( 436612.6,
3710175.5,     204.9,     205.1,       0.0);
     ( 436535.1, 3710373.9,     185.1,     204.7,       0.0);         ( 436465.4,
3710261.1,     188.7,     204.7,       0.0);
     ( 436483.6, 3710221.0,     190.5,     205.1,       0.0);         ( 436501.8,
3710181.0,     192.4,     205.1,       0.0);
     ( 436520.0, 3710140.9,     191.4,     205.1,       0.0);         ( 436438.5,
3710348.1,     185.8,     185.8,       0.0);
     ( 436369.3, 3710234.3,     178.4,     205.1,       0.0);         ( 436378.8,
3710213.3,     178.4,     205.1,       0.0);
     ( 436388.4, 3710192.3,     178.0,     205.1,       0.0);         ( 436397.9,
3710171.2,     177.8,     205.1,       0.0);
     ( 436407.5, 3710150.2,     177.9,     205.1,       0.0);         ( 436417.0,
3710129.2,     179.1,     205.1,       0.0);
     ( 436426.6, 3710108.2,     178.8,     205.1,       0.0);         ( 436436.1,
3710087.1,     177.0,     205.1,       0.0);
     ( 436445.6, 3710066.1,     176.4,     205.1,       0.0);         ( 436272.2,
3710209.6,     174.7,     174.7,       0.0);
     ( 436290.4, 3710169.5,     174.0,     191.3,       0.0);         ( 436308.6,
3710129.5,     174.8,     191.3,       0.0);
     ( 436326.8, 3710089.4,     174.8,     205.1,       0.0);         ( 436344.9,
3710049.4,     174.3,     205.1,       0.0);
     ( 436363.1, 3710009.3,     173.5,     205.1,       0.0);         ( 436175.9,
3710183.0,     170.6,     175.4,       0.0);
     ( 436185.4, 3710162.2,     170.2,     175.4,       0.0);         ( 436194.8,
3710141.4,     169.8,     169.8,       0.0);
     ( 436204.2, 3710120.6,     172.1,     172.1,       0.0);         ( 436213.7,
3710099.8,     173.2,     173.2,       0.0);
     ( 436223.1, 3710079.1,     173.7,     173.7,       0.0);         ( 436232.6,
3710058.3,     173.6,     173.6,       0.0);
     ( 436242.0, 3710037.5,     173.3,     173.3,       0.0);         ( 436251.5,
3710016.7,     173.1,     173.1,       0.0);
     ( 436260.9, 3709995.9,     173.0,     173.0,       0.0);         ( 436270.3,
3709975.1,     173.0,     173.0,       0.0);
     ( 436279.8, 3709954.3,     172.9,     172.9,       0.0);         ( 436166.5,
3710203.8,     171.9,     173.2,       0.0);
     ( 436160.5, 3710226.1,     173.3,     173.3,       0.0);         ( 436078.9,
3710158.0,     168.9,     168.9,       0.0);
     ( 436097.1, 3710118.0,     168.5,     168.5,       0.0);         ( 436115.3,
3710077.9,     168.9,     168.9,       0.0);
     ( 436133.5, 3710037.9,     170.7,     170.7,       0.0);         ( 436151.7,
3709997.8,     170.8,     170.8,       0.0);
     ( 436169.9, 3709957.8,     171.5,     171.5,       0.0);         ( 436188.1,
3709917.8,     171.6,     171.6,       0.0);
     ( 436063.9, 3710200.4,     168.8,     177.9,       0.0);         ( 435982.6,
3710131.6,     165.0,     165.0,       0.0);
     ( 435992.0, 3710111.0,     164.7,     164.7,       0.0);         ( 436001.4,
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3710090.3,   164.3,   164.3,   0.0);
     (436010.7, 3710069.7,   163.7,   163.7,   0.0);   (436020.1,
3710049.0,   163.2,   171.7,   0.0);
     (436029.5, 3710028.4,   164.5,   171.7,   0.0);   (436038.9,
3710007.7,   168.8,   171.3,   0.0);
     (436048.2, 3709987.1,   171.4,   171.4,   0.0);   (436057.6,
3709966.4,   171.6,   171.6,   0.0);

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

     (436067.0, 3709945.8,   171.2,   171.2,   0.0);   (436076.4,
3709925.1,   170.9,   170.9,   0.0);
     (436085.8, 3709904.5,   170.7,   170.7,   0.0);   (436095.1,
3709883.8,   170.5,   170.5,   0.0);
     (436104.5, 3709863.2,   170.5,   170.5,   0.0);   (436113.9,
3709842.5,   170.5,   170.5,   0.0);
     (435973.2, 3710152.3,   165.5,   182.0,   0.0);   (435967.3,
3710174.6,   165.8,   183.5,   0.0);
     (435961.3, 3710196.9,   166.9,   183.5,   0.0);   (435894.8,
3710086.5,   164.4,   164.4,   0.0);
     (435913.0, 3710046.4,   163.5,   163.5,   0.0);   (435931.2,
3710006.4,   162.0,   171.8,   0.0);
     (435949.3, 3709966.3,   164.1,   171.8,   0.0);   (435967.5,
3709926.3,   171.3,   171.3,   0.0);
     (435985.7, 3709886.2,   171.6,   171.6,   0.0);   (436003.9,
3709846.2,   171.4,   171.4,   0.0);
     (436022.1, 3709806.1,   171.0,   171.0,   0.0);   (435808.0,
3710039.1,   161.6,   161.6,   0.0);
     (435817.3, 3710018.6,   161.4,   161.4,   0.0);   (435826.6,
3709998.0,   161.3,   161.3,   0.0);
     (435836.0, 3709977.5,   161.4,   161.4,   0.0);   (435845.3,
3709956.9,   161.5,   172.1,   0.0);
     (435854.6, 3709936.4,   161.6,   172.6,   0.0);   (435864.0,
3709915.8,   162.5,   172.6,   0.0);
     (435873.3, 3709895.2,   166.1,   172.6,   0.0);   (435882.6,
3709874.7,   171.1,   172.1,   0.0);
     (435892.0, 3709854.1,   172.3,   172.3,   0.0);   (435901.3,
3709833.6,   172.3,   172.3,   0.0);
     (435910.6, 3709813.0,   172.3,   172.3,   0.0);   (435920.0,
3709792.5,   172.3,   172.3,   0.0);
     (435929.3, 3709771.9,   172.2,   172.2,   0.0);   (435938.6,

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3709751.4,     172.0,     172.0,       0.0);
     ( 435948.0, 3709730.8,     171.7,     171.7,       0.0);         ( 435768.1,
3710145.4,     167.6,     172.6,       0.0);
     ( 435721.5, 3709990.9,     158.6,     158.6,       0.0);         ( 435731.1,
3709969.9,     158.5,     158.5,       0.0);
     ( 435740.6, 3709948.8,     158.7,     158.7,       0.0);         ( 435750.2,
3709927.8,     158.8,     158.8,       0.0);
     ( 435759.7, 3709906.8,     158.7,     172.6,       0.0);         ( 435769.3,
3709885.8,     159.0,     172.6,       0.0);
     ( 435778.8, 3709864.8,     159.4,     172.7,       0.0);         ( 435788.4,
3709843.7,     161.0,     172.7,       0.0);
     ( 435797.9, 3709822.7,     164.0,     172.6,       0.0);         ( 435807.5,
3709801.7,     165.1,     172.6,       0.0);
     ( 435817.0, 3709780.6,     165.1,     171.7,       0.0);         ( 435826.6,
3709759.6,     164.6,     172.7,       0.0);
     ( 435836.1, 3709738.6,     161.6,     172.7,       0.0);         ( 435845.7,
3709717.6,     157.6,     172.7,       0.0);
     ( 435855.2, 3709696.5,     156.6,     172.7,       0.0);         ( 435864.8,
3709675.5,     156.4,     172.7,       0.0);
     ( 435642.5, 3709926.4,     153.7,     153.7,       0.0);         ( 435661.1,
3709885.4,     152.7,     152.7,       0.0);
     ( 435670.4, 3709864.9,     152.5,     172.6,       0.0);         ( 435679.7,
3709844.4,     152.4,     172.6,       0.0);
     ( 435689.0, 3709824.0,     152.6,     172.7,       0.0);         ( 435698.3,
3709803.5,     154.1,     172.6,       0.0);
     ( 435707.6, 3709783.0,     158.0,     164.5,       0.0);         ( 435716.9,
3709762.5,     162.2,     162.2,       0.0);
     ( 435726.2, 3709742.0,     163.6,     163.6,       0.0);         ( 435735.5,
3709721.6,     163.4,     163.4,       0.0);
     ( 435744.8, 3709701.1,     161.8,     161.8,       0.0);         ( 435754.1,
3709680.6,     159.3,     164.2,       0.0);
     ( 435772.7, 3709639.7,     155.3,     164.2,       0.0);         ( 436969.0,
3710525.0,      74.4,     211.6,       0.0);
     ( 436970.5, 3710565.9,      72.5,     211.6,       0.0);         ( 436918.3,
3710506.3,      78.9,     211.6,       0.0);
     ( 436919.8, 3710547.2,      82.8,     211.6,       0.0);         ( 436921.3,
3710588.2,      82.2,     211.6,       0.0);
     ( 436870.0, 3710493.4,      84.4,     211.6,       0.0);         ( 436869.1,
3710528.6,      87.4,     211.6,       0.0);
     ( 436870.6, 3710569.5,      94.2,     211.6,       0.0);         ( 436818.4,
3710510.0,      91.2,     211.6,       0.0);
     ( 436819.8, 3710550.9,     107.2,     205.1,       0.0);         ( 436821.3,
3710591.8,     115.0,     205.1,       0.0);
     ( 436769.1, 3710532.2,     107.9,     205.1,       0.0);         ( 436770.6,
3710573.2,     129.4,     205.1,       0.0);
     ( 436724.4, 3710460.7,     120.5,     205.1,       0.0);         ( 436719.9,
3710554.5,     132.9,     205.1,       0.0);
     ( 436721.4, 3710595.4,     143.3,     205.1,       0.0);         ( 436674.2,
3710464.0,     132.1,     205.1,       0.0);
     ( 436670.7, 3710576.8,     159.4,     205.1,       0.0);         ( 436625.1,
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3710458.4,   148.9,   205.1,   0.0);
     (436620.7, 3710578.6,   178.5,   186.9,   0.0);   (436570.7,
3710500.1,   179.0,   186.9,   0.0);
     (436569.3, 3710539.5,   185.7,   185.7,   0.0);   (436570.8,
3710580.4,   184.8,   186.8,   0.0);
     (436522.7, 3710484.1,   183.6,   185.6,   0.0);   (436526.8,
3710447.4,   182.5,   185.6,   0.0);
     (436531.0, 3710410.6,   182.5,   204.7,   0.0);   (436521.5,
3710602.7,   183.5,   183.5,   0.0);

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

     (436423.0, 3710485.3,   184.9,   184.9,   0.0);   (436427.5,
3710446.1,   185.4,   185.4,   0.0);
     (436431.9, 3710406.9,   185.6,   185.6,   0.0);   (436419.4,
3710545.0,   184.4,   184.4,   0.0);
     (436421.6, 3710606.4,   182.5,   182.5,   0.0);   (436320.8,
3710509.4,   186.0,   186.0,   0.0);
     (436325.0, 3710472.0,   185.5,   185.5,   0.0);   (436329.2,
3710434.6,   184.4,   184.4,   0.0);
     (436333.4, 3710397.2,   182.4,   182.4,   0.0);   (436337.6,
3710359.8,   180.9,   180.9,   0.0);
     (436221.0, 3710512.2,   182.0,   185.0,   0.0);   (436225.4,
3710473.0,   184.7,   184.7,   0.0);
     (436229.8, 3710433.8,   184.7,   184.7,   0.0);   (436234.2,
3710394.6,   184.4,   184.4,   0.0);
     (436121.0, 3710516.5,   176.4,   183.6,   0.0);   (436125.2,
3710478.7,   178.1,   184.4,   0.0);
     (436129.5, 3710440.9,   182.3,   182.3,   0.0);   (436133.7,
3710403.1,   183.1,   183.1,   0.0);
     (436138.0, 3710365.3,   182.3,   182.3,   0.0);   (436021.1,
3710519.5,   172.7,   172.7,   0.0);
     (436025.5, 3710480.2,   173.7,   181.8,   0.0);   (436029.9,
3710441.0,   177.2,   180.5,   0.0);
     (436034.3, 3710401.8,   181.0,   181.0,   0.0);   (436019.6,
3710559.5,   166.8,   183.6,   0.0);
     (435921.2, 3710522.5,   160.1,   183.6,   0.0);   (435925.8,
3710482.0,   169.9,   183.6,   0.0);
     (435930.3, 3710441.6,   171.2,   183.6,   0.0);   (435934.9,
3710401.2,   177.5,   183.6,   0.0);
     (435919.7, 3710563.2,   156.8,   183.6,   0.0);   (435821.2,

3710526.7,   160.0,   183.6,   0.0);
     (435825.6, 3710487.5,   163.2,   183.6,   0.0);   (435830.1,
3710448.3,   164.3,   183.6,   0.0);
     (435834.5, 3710409.1,   163.4,   183.6,   0.0);   (435819.8,
3710566.8,   151.5,   183.6,   0.0);
     (435721.4, 3710529.9,   154.7,   183.6,   0.0);   (435725.9,
3710489.6,   153.3,   183.6,   0.0);
     (435730.4, 3710449.4,   150.0,   183.6,   0.0);   (435734.9,
3710409.1,   152.1,   183.6,   0.0);
     (435757.6, 3710208.0,   170.5,   173.4,   0.0);   (435719.8,
3710570.4,   152.6,   183.6,   0.0);
     (435621.4, 3710534.0,   135.6,   183.6,   0.0);   (435625.8,
3710494.8,   135.5,   183.6,   0.0);
     (435630.2, 3710455.6,   137.4,   183.6,   0.0);   (435634.6,
3710416.4,   142.3,   183.6,   0.0);
     (435619.9, 3710574.1,   131.9,   183.6,   0.0);   (435521.5,
3710537.2,   124.1,   183.6,   0.0);
     (435526.0, 3710497.1,   123.8,   183.6,   0.0);   (435530.5,
3710457.0,   128.5,   183.6,   0.0);
     (435535.0, 3710416.9,   136.7,   183.6,   0.0);   (435520.0,
3710577.7,   125.3,   183.6,   0.0);
     (435521.5, 3710618.6,   129.1,   183.6,   0.0);   (436953.7,
3710589.2,   74.7,   211.6,   0.0);
     (436939.6, 3710607.1,   76.6,   211.6,   0.0);   (436925.5,
3710624.9,   79.1,   211.6,   0.0);
     (436942.8, 3710522.5,   77.8,   211.6,   0.0);   (436900.4,
3710576.0,   87.0,   211.6,   0.0);
     (436886.2, 3710593.9,   90.2,   211.6,   0.0);   (436889.5,
3710509.3,   81.7,   211.6,   0.0);
     (436847.0, 3710562.9,   101.1,   211.6,   0.0);   (436850.3,
3710478.2,   90.2,   211.6,   0.0);
     (436807.8, 3710531.8,   101.5,   211.6,   0.0);   (436825.2,
3710429.4,   116.4,   210.9,   0.0);
     (436651.0, 3710407.7,   169.6,   205.1,   0.0);   (436522.5,
3710247.8,   191.2,   205.1,   0.0);
     (436508.4, 3710265.7,   190.0,   205.1,   0.0);   (436494.2,
3710283.5,   188.2,   205.1,   0.0);
     (436472.4, 3710150.0,   191.8,   191.8,   0.0);   (436415.8,
3710221.5,   180.9,   205.1,   0.0);
     (436394.0, 3710088.0,   175.7,   205.1,   0.0);   (436379.8,
3710105.8,   175.8,   205.1,   0.0);
     (436315.6, 3710025.9,   173.8,   173.8,   0.0);   (436237.2,
3709963.8,   172.6,   172.6,   0.0);
     (436223.0, 3709981.7,   172.4,   172.4,   0.0);   (436158.8,
3709901.7,   171.2,   171.2,   0.0);
     (436144.6, 3709919.6,   171.2,   171.2,   0.0);   (436080.4,
3709839.7,   170.7,   170.7,   0.0);
     (436066.2, 3709857.5,   170.7,   170.7,   0.0);   (436002.0,
3709777.6,   171.5,   171.5,   0.0);
     (435987.8, 3709795.5,   171.4,   171.4,   0.0);   (435973.7,

3709813.3,   171.5,   171.5,   0.0);
     (435923.6, 3709715.5,   169.2,   171.7,   0.0);   (435909.4,
3709733.4,   169.4,   172.2,   0.0);
     (435895.3, 3709751.2,   169.3,   172.2,   0.0);   (435881.1,
3709769.1,   169.3,   172.2,   0.0);
     (435845.2, 3709653.4,   156.0,   172.7,   0.0);   (435831.0,
3709671.3,   156.1,   172.7,   0.0);
     (435816.9, 3709689.2,   156.3,   172.7,   0.0);   (435802.8,
3709707.0,   159.4,   172.2,   0.0);
     (436914.8, 3710651.5,   80.3,   211.6,   0.0);   (436911.3,
3710691.4,   79.2,   211.6,   0.0);

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

     (436907.7, 3710731.3,   79.9,   211.6,   0.0);   (436872.1,
3710629.3,   93.9,   211.6,   0.0);
     (436863.3, 3710667.0,   97.7,   205.1,   0.0);   (436859.7,
3710706.9,   98.6,   205.1,   0.0);
     (436856.1, 3710746.8,   101.7,   205.1,   0.0);   (436821.6,
3710626.7,   115.8,   205.1,   0.0);
     (436813.5, 3710662.5,   120.4,   205.1,   0.0);   (436809.9,
3710702.4,   122.0,   205.1,   0.0);
     (436806.3, 3710742.3,   126.1,   205.1,   0.0);   (436772.5,
3710620.4,   135.6,   205.1,   0.0);
     (436793.7, 3710567.3,   121.2,   205.1,   0.0);   (436763.7,
3710658.1,   139.9,   205.1,   0.0);
     (436760.1, 3710698.0,   141.1,   205.1,   0.0);   (436756.5,
3710737.9,   145.1,   205.1,   0.0);
     (436742.1, 3710567.2,   130.4,   205.1,   0.0);   (436715.6,
3710633.7,   148.8,   205.1,   0.0);
     (436712.1, 3710673.6,   153.7,   205.1,   0.0);   (436708.5,
3710713.5,   160.9,   186.9,   0.0);
     (436672.9, 3710611.5,   162.2,   204.7,   0.0);   (436708.2,
3710522.9,   122.3,   205.1,   0.0);
     (436664.1, 3710649.2,   168.3,   186.9,   0.0);   (436660.5,
3710689.1,   174.4,   185.9,   0.0);
     (436656.9, 3710728.9,   180.2,   180.2,   0.0);   (436622.8,
3710607.8,   181.1,   186.8,   0.0);
     (436656.5, 3710523.3,   143.0,   205.1,   0.0);   (436614.3,
3710644.7,   184.9,   184.9,   0.0);
     (436610.7, 3710684.6,   181.2,   183.8,   0.0);   (436607.1,

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3710724.5,     174.0,     185.9,       0.0);
     ( 436594.5, 3710549.4,     185.2,     186.9,       0.0);         ( 436564.5,
3710640.2,     182.7,     182.9,       0.0);
     ( 436560.9, 3710680.1,     178.1,     185.9,       0.0);         ( 436557.3,
3710720.0,     177.1,     177.1,       0.0);
     ( 436545.8, 3710542.2,     185.7,     185.7,       0.0);         ( 436575.1,
3710468.6,     169.5,     205.1,       0.0);
     ( 436514.7, 3710635.8,     182.8,     182.8,       0.0);         ( 436511.1,
3710675.7,     178.0,     182.8,       0.0);
     ( 436507.5, 3710715.6,     176.4,     176.4,       0.0);         ( 436473.7,
3710593.7,     183.2,     183.2,       0.0);
     ( 436487.8, 3710558.2,     184.8,     184.8,       0.0);         ( 436558.5,
3710381.0,     180.9,     205.1,       0.0);
     ( 436459.5, 3710691.2,     177.2,     177.2,       0.0);         ( 436374.1,
3710584.8,     182.6,     182.6,       0.0);
     ( 436388.2, 3710549.3,     184.6,     184.6,       0.0);         ( 436473.0,
3710336.7,     186.1,     186.1,       0.0);
     ( 436365.2, 3710622.4,     180.5,     180.5,       0.0);         ( 436274.5,
3710575.8,     179.9,     179.9,       0.0);
     ( 436380.5, 3710310.1,     181.0,     181.0,       0.0);         ( 436394.6,
3710274.6,     180.5,     205.1,       0.0);
     ( 436265.6, 3710613.5,     179.9,     179.9,       0.0);         ( 436175.2,
3710566.1,     178.1,     178.1,       0.0);
     ( 436278.4, 3710307.3,     176.6,     184.8,       0.0);         ( 436293.2,
3710270.3,     175.7,     175.7,       0.0);
     ( 436307.9, 3710233.3,     175.6,     175.6,       0.0);         ( 436166.0,
3710604.6,     177.6,     177.6,       0.0);
     ( 436162.5, 3710644.5,     177.4,     177.4,       0.0);         ( 436075.6,
3710557.3,     172.8,     175.5,       0.0);
     ( 436178.3, 3710299.7,     178.5,     178.5,       0.0);         ( 436193.0,
3710262.9,     176.2,     176.2,       0.0);
     ( 436207.7, 3710226.1,     175.4,     175.4,       0.0);         ( 436066.5,
3710595.7,     170.8,     170.8,       0.0);
     ( 436062.9, 3710635.5,     171.9,     171.9,       0.0);         ( 436059.3,
3710675.4,     172.0,     172.0,       0.0);
     ( 436012.5, 3710456.8,     173.7,     182.4,       0.0);         ( 436078.3,
3710291.9,     175.0,     180.0,       0.0);
     ( 436092.9, 3710255.2,     173.2,     173.2,       0.0);         ( 436107.5,
3710218.5,     170.9,     173.9,       0.0);
     ( 435968.6, 3710566.8,     161.6,     183.6,       0.0);         ( 435965.1,
3710606.7,     161.7,     174.4,       0.0);
     ( 435961.5, 3710646.6,     161.0,     173.0,       0.0);         ( 435905.5,
3710466.5,     169.1,     183.6,       0.0);
     ( 435971.0, 3710302.1,     181.6,     182.0,       0.0);         ( 435985.6,
3710265.5,     177.8,     177.8,       0.0);
     ( 436000.2, 3710229.0,     170.9,     183.5,       0.0);         ( 436014.8,
3710192.4,     167.7,     183.4,       0.0);
     ( 436029.3, 3710155.9,     166.7,     166.7,       0.0);         ( 435869.0,
3710557.9,     153.6,     183.6,       0.0);
     ( 435865.5, 3710597.8,     151.6,     183.6,       0.0);         ( 435861.9,
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3710637.7,   150.7,   183.6,   0.0);
     (435805.8, 3710457.8,   162.3,   183.6,   0.0);   (435834.8,
3710384.9,   163.6,   183.6,   0.0);
     (435871.2, 3710293.8,   176.8,   179.2,   0.0);   (435885.7,
3710257.4,   173.7,   183.5,   0.0);
     (435900.3, 3710220.9,   168.7,   183.5,   0.0);   (435914.8,
3710184.5,   166.9,   183.5,   0.0);
     (435929.3, 3710148.0,   165.6,   182.0,   0.0);   (435769.4,
3710549.0,   156.2,   183.6,   0.0);
     (435765.9, 3710588.8,   149.2,   183.6,   0.0);   (435762.3,
3710628.7,   142.3,   183.6,   0.0);
     (435706.1, 3710449.1,   146.3,   183.6,   0.0);   (435735.1,
3710376.4,   158.1,   183.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (435771.4, 3710285.5,   169.3,   169.3,   0.0);   (435785.9,
3710249.1,   169.6,   169.6,   0.0);
     (435800.4, 3710212.7,   168.9,   168.9,   0.0);   (435814.9,
3710176.3,   167.2,   167.2,   0.0);
     (435829.4, 3710140.0,   165.6,   165.6,   0.0);   (435843.9,
3710103.6,   164.6,   164.6,   0.0);
     (435668.0, 3710560.0,   147.6,   183.6,   0.0);   (435664.5,
3710599.9,   138.3,   183.6,   0.0);
     (435660.9, 3710639.8,   131.2,   183.6,   0.0);   (435599.2,
3710458.5,   135.3,   183.6,   0.0);
     (435628.1, 3710385.9,   149.3,   183.6,   0.0);   (435671.6,
3710277.0,   169.8,   169.8,   0.0);
     (435686.0, 3710240.7,   173.4,   173.4,   0.0);   (435700.5,
3710204.4,   173.9,   173.9,   0.0);
     (435715.0, 3710168.1,   172.0,   173.9,   0.0);   (435729.5,
3710131.8,   168.5,   173.9,   0.0);
     (435744.0, 3710095.5,   163.3,   173.9,   0.0);   (435794.6,
3709968.5,   161.3,   161.3,   0.0);
     (435568.4, 3710551.1,   126.6,   183.6,   0.0);   (435564.9,
3710591.0,   128.1,   183.6,   0.0);
     (435561.3, 3710630.8,   130.0,   183.6,   0.0);   (435478.0,
3710503.7,   121.0,   183.6,   0.0);
     (435492.8, 3710466.6,   122.8,   183.6,   0.0);   (435507.6,
3710429.5,   133.6,   183.6,   0.0);
     (435522.4, 3710392.4,   140.0,   183.6,   0.0);   (435566.8,

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3710281.2,     168.0,     171.9,       0.0);
     ( 435581.5, 3710244.1,     171.9,     171.9,       0.0);         ( 435596.3,
3710207.0,     173.1,     173.1,       0.0);
     ( 435611.1, 3710169.9,     171.0,     173.0,       0.0);         ( 435625.9,
3710132.8,     167.4,     173.0,       0.0);
     ( 435640.7, 3710095.7,     162.4,     173.9,       0.0);         ( 435655.5,
3710058.6,     159.6,     173.9,       0.0);
     ( 435468.8, 3710542.1,     122.5,     183.6,       0.0);         ( 435465.3,
3710582.0,     123.8,     183.6,       0.0);
     ( 435461.7, 3710621.9,     128.8,     183.6,       0.0);         ( 436915.7,
3710783.4,      81.1,     210.9,       0.0);
     ( 436907.5, 3710762.6,      81.2,     211.6,       0.0);         ( 436937.1,
3710806.3,      77.1,     211.6,       0.0);
     ( 436880.1, 3710817.5,     102.6,     205.1,       0.0);         ( 436860.5,
3710777.1,     104.4,     205.1,       0.0);
     ( 436903.7, 3710843.4,      92.5,     205.1,       0.0);         ( 436845.6,
3710853.0,     115.9,     205.1,       0.0);
     ( 436825.9, 3710824.7,     129.8,     205.1,       0.0);         ( 436813.7,
3710793.5,     132.7,     205.1,       0.0);
     ( 436870.3, 3710880.6,      94.6,     205.1,       0.0);         ( 436811.5,
3710889.3,     106.4,     205.1,       0.0);
     ( 436790.5, 3710859.1,     127.7,     205.1,       0.0);         ( 436767.0,
3710810.6,     152.4,     186.9,       0.0);
     ( 436761.7, 3710774.3,     150.0,     186.9,       0.0);         ( 436836.8,
3710917.8,      92.5,     205.1,       0.0);
     ( 436777.6, 3710925.8,      97.7,     205.1,       0.0);         ( 436755.8,
3710894.3,     113.4,     205.1,       0.0);
     ( 436734.0, 3710862.9,     133.6,     205.1,       0.0);         ( 436720.3,
3710828.2,     150.6,     186.9,       0.0);
     ( 436714.9, 3710790.3,     166.7,     185.3,       0.0);         ( 436709.4,
3710752.4,     168.2,     185.3,       0.0);
     ( 436803.4, 3710954.9,      94.1,     205.1,       0.0);         ( 436743.8,
3710962.5,      96.3,     205.1,       0.0);
     ( 436721.4, 3710930.2,     104.2,     205.1,       0.0);         ( 436698.9,
3710897.8,     126.3,     205.1,       0.0);
     ( 436673.7, 3710845.9,     146.7,     186.9,       0.0);         ( 436668.1,
3710806.9,     163.2,     185.9,       0.0);
     ( 436662.5, 3710767.9,     175.6,     180.7,       0.0);         ( 436769.9,
3710992.1,      98.5,     205.1,       0.0);
     ( 436711.4, 3711001.2,     104.8,     205.1,       0.0);         ( 436691.1,
3710971.8,      98.2,     205.1,       0.0);
     ( 436670.7, 3710942.4,     104.5,     205.1,       0.0);         ( 436650.3,
3710913.1,     114.2,     205.1,       0.0);
     ( 436627.4, 3710866.0,     131.2,     205.1,       0.0);         ( 436622.3,
3710830.6,     141.6,     204.7,       0.0);
     ( 436617.3, 3710795.2,     151.8,     186.9,       0.0);         ( 436612.2,
3710759.9,     163.8,     186.9,       0.0);
     ( 436736.5, 3711029.3,     116.0,     205.1,       0.0);         ( 436677.7,
3711037.9,     113.9,     205.1,       0.0);
     ( 436656.7, 3711007.7,     105.3,     205.1,       0.0);         ( 436635.8,
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3710977.5,   102.4,   205.1,   0.0);
     (436614.8, 3710947.3,   118.9,   205.1,   0.0);   (436593.9,
3710917.1,   136.2,   186.9,   0.0);
     (436580.8, 3710883.8,   146.9,   186.9,   0.0);   (436575.6,
3710847.4,   157.6,   186.8,   0.0);
     (436570.4, 3710811.0,   165.6,   185.3,   0.0);   (436565.1,
3710774.6,   170.6,   185.3,   0.0);
     (436703.0, 3711066.4,   131.7,   186.9,   0.0);   (436644.0,
3711074.8,   130.8,   186.9,   0.0);
     (436622.6, 3711043.9,   128.9,   186.9,   0.0);   (436601.2,
3711013.0,   120.8,   205.1,   0.0);
     (436579.7, 3710982.1,   114.7,   205.1,   0.0);   (436558.3,
3710951.2,   126.8,   205.1,   0.0);
     (436534.2, 3710901.7,   149.7,   186.9,   0.0);   (436528.9,
3710864.4,   162.2,   183.8,   0.0);

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

     (436523.5, 3710827.2,   169.4,   169.4,   0.0);   (436518.2,
3710790.0,   169.9,   177.0,   0.0);
     (436512.8, 3710752.8,   172.7,   177.0,   0.0);   (436669.6,
3711103.6,   133.1,   186.8,   0.0);
     (436610.4, 3711111.6,   159.0,   168.5,   0.0);   (436588.5,
3711080.2,   150.6,   168.5,   0.0);
     (436566.7, 3711048.7,   141.1,   185.9,   0.0);   (436544.9,
3711017.2,   129.3,   186.9,   0.0);
     (436523.1, 3710985.8,   125.3,   204.7,   0.0);   (436501.3,
3710954.3,   133.3,   186.9,   0.0);
     (436487.6, 3710919.6,   141.6,   186.9,   0.0);   (436482.2,
3710881.7,   152.5,   186.8,   0.0);
     (436476.8, 3710843.8,   164.5,   169.8,   0.0);   (436471.3,
3710805.9,   169.2,   169.2,   0.0);
     (436465.9, 3710768.0,   170.4,   174.9,   0.0);   (436460.4,
3710730.1,   173.5,   173.5,   0.0);
     (436636.1, 3711140.8,   163.7,   168.5,   0.0);   (436543.1,
3711185.5,   164.9,   164.9,   0.0);
     (436520.7, 3711153.2,   158.4,   168.5,   0.0);   (436498.3,
3711120.8,   145.7,   168.5,   0.0);
     (436475.8, 3711088.4,   138.1,   185.3,   0.0);   (436453.4,
3711056.0,   137.5,   185.9,   0.0);
     (436430.9, 3711023.7,   138.6,   186.8,   0.0);   (436408.5,

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3710991.3,     143.4,     185.9,       0.0);
     ( 436394.5, 3710955.6,     149.7,     181.6,       0.0);         ( 436388.9,
3710916.6,     154.1,     179.6,       0.0);
     ( 436383.3, 3710877.6,     158.7,     178.2,       0.0);         ( 436377.7,
3710838.7,     161.5,     179.6,       0.0);
     ( 436372.1, 3710799.7,     166.2,     179.4,       0.0);         ( 436366.5,
3710760.7,     174.5,     175.4,       0.0);
     ( 436360.9, 3710721.7,     177.1,     177.1,       0.0);         ( 436569.2,
3711215.1,     165.3,     165.3,       0.0);
     ( 436476.7, 3711260.5,     153.3,     165.8,       0.0);         ( 436455.1,
3711229.4,     145.9,     168.5,       0.0);
     ( 436433.6, 3711198.3,     139.8,     169.4,       0.0);         ( 436412.0,
3711167.2,     137.3,     169.4,       0.0);
     ( 436390.5, 3711136.1,     137.0,     175.6,       0.0);         ( 436368.9,
3711105.0,     137.0,     178.2,       0.0);
     ( 436347.3, 3711073.9,     137.7,     179.6,       0.0);         ( 436325.8,
3711042.8,     137.9,     182.9,       0.0);
     ( 436301.5, 3710993.0,     145.9,     179.4,       0.0);         ( 436296.1,
3710955.5,     147.6,     180.2,       0.0);
     ( 436290.8, 3710918.0,     150.5,     180.2,       0.0);         ( 436285.4,
3710880.6,     153.7,     180.2,       0.0);
     ( 436280.0, 3710843.1,     156.6,     180.2,       0.0);         ( 436274.6,
3710805.7,     166.6,     178.2,       0.0);
     ( 436269.3, 3710768.2,     173.8,     173.8,       0.0);         ( 436502.4,
3711289.4,     159.6,     163.9,       0.0);
     ( 436409.6, 3711334.5,     144.0,     165.8,       0.0);         ( 436387.5,
3711302.7,     144.6,     165.3,       0.0);
     ( 436365.5, 3711270.9,     138.0,     168.5,       0.0);         ( 436343.4,
3711239.1,     136.4,     168.5,       0.0);
     ( 436321.4, 3711207.3,     136.3,     168.5,       0.0);         ( 436299.3,
3711175.5,     132.2,     175.6,       0.0);
     ( 436277.3, 3711143.7,     134.1,     176.8,       0.0);         ( 436255.2,
3711111.9,     135.9,     178.2,       0.0);
     ( 436233.2, 3711080.1,     137.6,     179.3,       0.0);         ( 436208.4,
3711029.1,     151.4,     151.4,       0.0);
     ( 436202.9, 3710990.8,     151.4,     174.3,       0.0);         ( 436197.4,
3710952.5,     150.4,     178.2,       0.0);
     ( 436191.9, 3710914.2,     149.6,     180.2,       0.0);         ( 436186.4,
3710875.9,     151.8,     180.2,       0.0);
     ( 436180.9, 3710837.6,     161.9,     177.0,       0.0);         ( 436175.4,
3710799.3,     172.8,     173.7,       0.0);
     ( 436435.5, 3711363.8,     143.8,     165.8,       0.0);         ( 436342.5,
3711408.5,     129.6,     175.3,       0.0);
     ( 436320.0, 3711376.2,     129.2,     175.3,       0.0);         ( 436297.6,
3711343.8,     130.1,     168.5,       0.0);
     ( 436275.1, 3711311.4,     129.9,     168.5,       0.0);         ( 436252.7,
3711279.0,     128.8,     168.5,       0.0);
     ( 436230.3, 3711246.7,     126.0,     175.6,       0.0);         ( 436207.8,
3711214.3,     133.9,     155.7,       0.0);
     ( 436185.4, 3711181.9,     136.7,     155.7,       0.0);         ( 436162.9,
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3711149.6,   140.7,   155.7,   0.0);
     (436140.5, 3711117.2,   152.7,   155.7,   0.0);   (436115.3,
3711065.3,   155.2,   155.2,   0.0);
     (436109.7, 3711026.3,   155.0,   155.0,   0.0);   (436104.1,
3710987.4,   150.2,   174.2,   0.0);
     (436098.5, 3710948.4,   147.0,   178.3,   0.0);   (436092.9,
3710909.4,   147.9,   179.2,   0.0);
     (436087.3, 3710870.4,   151.4,   179.2,   0.0);   (436081.7,
3710831.4,   161.6,   176.7,   0.0);
     (436368.6, 3711438.1,   129.9,   175.6,   0.0);   (436275.4,
3711482.6,   129.9,   163.9,   0.0);
     (436252.7, 3711449.8,   128.6,   164.5,   0.0);   (436229.9,
3711417.0,   126.1,   165.3,   0.0);
     (436207.1, 3711384.1,   124.7,   165.7,   0.0);   (436184.4,
3711351.3,   121.1,   166.0,   0.0);
     (436161.6, 3711318.4,   120.5,   173.7,   0.0);   (436138.8,
3711285.6,   130.6,   155.7,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (436116.0, 3711252.8,   136.4,   155.7,   0.0);   (436093.3,
3711219.9,   139.5,   155.7,   0.0);
     (436070.5, 3711187.1,   148.9,   151.2,   0.0);   (436047.8,
3711154.2,   150.8,   150.8,   0.0);
     (436022.1, 3711101.6,   151.9,   151.9,   0.0);   (436016.5,
3711062.1,   151.8,   151.8,   0.0);
     (436010.8, 3711022.5,   150.9,   150.9,   0.0);   (436005.1,
3710983.0,   146.2,   175.5,   0.0);
     (435999.4, 3710943.4,   141.2,   178.3,   0.0);   (435993.8,
3710903.8,   140.7,   179.6,   0.0);
     (435965.4, 3710706.1,   158.6,   176.6,   0.0);   (436301.7,
3711512.4,   130.6,   175.3,   0.0);
     (436208.8, 3711557.4,   130.3,   160.9,   0.0);   (436186.7,
3711525.5,   130.2,   130.2,   0.0);
     (436164.5, 3711493.5,   129.8,   129.8,   0.0);   (436142.4,
3711461.5,   127.2,   129.4,   0.0);
     (436120.2, 3711429.6,   118.3,   164.5,   0.0);   (436098.1,
3711397.6,   116.5,   164.6,   0.0);
     (436075.9, 3711365.7,   119.5,   155.7,   0.0);   (436053.8,
3711333.7,   128.3,   155.7,   0.0);
     (436031.6, 3711301.8,   131.4,   155.7,   0.0);   (436009.5,

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3711269.8,     135.4,     155.1,       0.0);
     ( 435987.3, 3711237.9,     143.8,     147.0,       0.0);         ( 435965.1,
3711205.9,     144.8,     144.8,       0.0);
     ( 435943.0, 3711173.9,     142.8,     151.9,       0.0);         ( 435929.1,
3711138.7,     140.3,     152.4,       0.0);
     ( 435923.6, 3711100.2,     140.1,     152.4,       0.0);         ( 435918.1,
3711061.8,     142.7,     151.9,       0.0);
     ( 435912.6, 3711023.3,     143.6,     143.6,       0.0);         ( 435907.0,
3710984.8,     141.5,     173.4,       0.0);
     ( 435901.5, 3710946.3,     136.0,     177.7,       0.0);         ( 435873.9,
3710753.8,     143.2,     183.6,       0.0);
     ( 435868.4, 3710715.3,     145.6,     183.6,       0.0);         ( 435862.9,
3710676.8,     146.3,     183.6,       0.0);
     ( 436234.8, 3711586.8,     130.2,     162.0,       0.0);         ( 436141.8,
3711631.5,     128.3,     128.3,       0.0);
     ( 436119.4, 3711599.2,     129.2,     129.2,       0.0);         ( 436096.9,
3711566.8,     129.1,     129.1,       0.0);
     ( 436074.5, 3711534.4,     127.0,     128.4,       0.0);         ( 436052.0,
3711502.1,     115.4,     154.8,       0.0);
     ( 436029.6, 3711469.7,     112.8,     155.7,       0.0);         ( 436007.1,
3711437.3,     112.7,     155.7,       0.0);
     ( 435984.7, 3711404.9,     113.6,     155.7,       0.0);         ( 435962.3,
3711372.6,     119.6,     155.7,       0.0);
     ( 435939.8, 3711340.2,     125.2,     155.7,       0.0);         ( 435917.4,
3711307.8,     126.5,     155.1,       0.0);
     ( 435894.9, 3711275.5,     133.6,     151.7,       0.0);         ( 435872.5,
3711243.1,     136.2,     151.4,       0.0);
     ( 435850.1, 3711210.7,     135.1,     151.9,       0.0);         ( 435836.0,
3711175.0,     133.2,     151.9,       0.0);
     ( 435830.4, 3711136.1,     133.1,     151.9,       0.0);         ( 435824.8,
3711097.1,     135.9,     151.9,       0.0);
     ( 435819.2, 3711058.1,     140.8,     140.8,       0.0);         ( 435813.7,
3711019.1,     141.8,     141.8,       0.0);
     ( 435808.1, 3710980.1,     139.5,     139.5,       0.0);         ( 435802.5,
3710941.1,     132.8,     177.3,       0.0);
     ( 435780.1, 3710785.1,     128.7,     185.5,       0.0);         ( 435774.5,
3710746.2,     136.1,     183.6,       0.0);
     ( 435768.9, 3710707.2,     137.3,     183.6,       0.0);         ( 435763.3,
3710668.2,     138.9,     183.6,       0.0);
     ( 436167.9, 3711661.1,     126.1,     162.0,       0.0);         ( 436074.8,
3711705.7,     106.7,     175.6,       0.0);
     ( 436052.1, 3711673.0,     106.8,     175.3,       0.0);         ( 436029.4,
3711640.2,     108.3,     162.0,       0.0);
     ( 436006.7, 3711607.5,     107.6,     162.0,       0.0);         ( 435984.0,
3711574.8,     108.4,     160.9,       0.0);
     ( 435961.3, 3711542.0,     107.6,     155.7,       0.0);         ( 435938.6,
3711509.3,     104.9,     155.7,       0.0);
     ( 435916.0, 3711476.6,     106.7,     155.7,       0.0);         ( 435893.3,
3711443.8,     110.1,     155.7,       0.0);
     ( 435870.6, 3711411.1,     117.0,     154.8,       0.0);         ( 435847.9,
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3711378.4,   120.5,   151.9,   0.0);
     (435825.2, 3711345.7,   122.6,   151.9,   0.0);   (435802.5,
3711312.9,   127.0,   136.0,   0.0);
     (435779.8, 3711280.2,   127.4,   127.4,   0.0);   (435757.1,
3711247.5,   123.9,   151.9,   0.0);
     (435742.9, 3711211.4,   119.3,   152.4,   0.0);   (435737.3,
3711172.0,   120.0,   152.4,   0.0);
     (435731.6, 3711132.5,   125.1,   151.9,   0.0);   (435726.0,
3711093.1,   135.4,   139.4,   0.0);
     (435720.3, 3711053.7,   139.7,   139.7,   0.0);   (435714.6,
3711014.3,   139.4,   139.6,   0.0);
     (435692.0, 3710856.6,   119.6,   185.0,   0.0);   (435686.4,
3710817.2,   118.9,   185.5,   0.0);
     (435680.7, 3710777.8,   124.6,   184.4,   0.0);   (435675.0,
3710738.3,   131.7,   183.6,   0.0);
     (435669.4, 3710698.9,   131.8,   183.6,   0.0);   (436101.0,
3711735.4,   107.5,   175.6,   0.0);
     (436008.1, 3711780.4,   106.2,   162.0,   0.0);   (435985.9,
3711748.3,   105.7,   162.0,   0.0);

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

     (435963.7, 3711716.3,   103.3,   162.0,   0.0);   (435941.5,
3711684.2,   101.2,   162.0,   0.0);
     (435919.3, 3711652.2,   99.3,   162.0,   0.0);   (435897.1,
3711620.1,   98.7,   162.0,   0.0);
     (435874.8, 3711588.1,   97.5,   160.9,   0.0);   (435852.6,
3711556.1,   97.5,   155.7,   0.0);
     (435830.4, 3711524.0,   98.1,   155.7,   0.0);   (435808.2,
3711492.0,   99.0,   155.7,   0.0);
     (435786.0, 3711459.9,   101.0,   155.7,   0.0);   (435763.8,
3711427.9,   104.9,   155.7,   0.0);
     (435741.5, 3711395.8,   110.6,   151.9,   0.0);   (435719.3,
3711363.8,   115.5,   151.4,   0.0);
     (435697.1, 3711331.8,   113.8,   151.9,   0.0);   (435674.9,
3711299.7,   112.7,   151.9,   0.0);
     (435649.9, 3711248.4,   113.9,   151.9,   0.0);   (435644.4,
3711209.8,   114.8,   151.9,   0.0);
     (435638.8, 3711171.2,   118.9,   142.0,   0.0);   (435633.3,
3711132.6,   130.1,   138.8,   0.0);
     (435627.8, 3711094.0,   135.4,   135.4,   0.0);   (435622.2,

3711055.4,   135.1,   135.1,   0.0);
     (435616.7, 3711016.8,   127.4,   140.6,   0.0);   (435611.1,
3710978.2,   122.7,   141.5,   0.0);
     (435605.6, 3710939.6,   121.1,   171.7,   0.0);   (435600.1,
3710901.0,   117.8,   183.6,   0.0);
     (435594.5, 3710862.4,   113.8,   183.6,   0.0);   (435589.0,
3710823.8,   113.7,   184.4,   0.0);
     (435583.5, 3710785.2,   121.5,   183.6,   0.0);   (435577.9,
3710746.6,   129.9,   183.6,   0.0);
     (435572.4, 3710708.0,   131.1,   183.6,   0.0);   (435566.8,
3710669.4,   130.6,   183.6,   0.0);
     (436034.1, 3711809.8,   108.1,   162.0,   0.0);   (435941.1,
3711854.5,   111.5,   141.4,   0.0);
     (435918.7, 3711822.2,   108.1,   141.4,   0.0);   (435896.2,
3711789.8,   106.0,   141.4,   0.0);
     (435873.8, 3711757.4,   104.5,   141.2,   0.0);   (435851.4,
3711725.1,   97.9,   141.4,   0.0);
     (435828.9, 3711692.7,   95.8,   147.3,   0.0);   (435806.5,
3711660.3,   95.3,   151.7,   0.0);
     (435784.0, 3711627.9,   95.7,   154.8,   0.0);   (435761.6,
3711595.6,   96.0,   154.8,   0.0);
     (435739.1, 3711563.2,   96.4,   155.1,   0.0);   (435716.7,
3711530.8,   96.6,   155.1,   0.0);
     (435694.3, 3711498.5,   98.3,   154.8,   0.0);   (435671.8,
3711466.1,   101.4,   151.9,   0.0);
     (435649.4, 3711433.7,   103.8,   151.9,   0.0);   (435626.9,
3711401.4,   102.9,   151.9,   0.0);
     (435604.5, 3711369.0,   100.0,   152.4,   0.0);   (435582.1,
3711336.6,   98.8,   152.4,   0.0);
     (435556.8, 3711284.8,   99.4,   152.4,   0.0);   (435551.2,
3711245.8,   101.6,   152.4,   0.0);
     (435545.6, 3711206.8,   110.3,   141.5,   0.0);   (435540.0,
3711167.8,   117.0,   139.8,   0.0);
     (435534.4, 3711128.8,   121.4,   138.8,   0.0);   (435528.8,
3711089.8,   122.1,   139.1,   0.0);
     (435523.2, 3711050.8,   119.6,   139.8,   0.0);   (435517.6,
3711011.8,   114.0,   141.1,   0.0);
     (435512.1, 3710972.8,   112.3,   141.5,   0.0);   (435506.5,
3710933.8,   109.3,   183.6,   0.0);
     (435500.9, 3710894.9,   108.3,   183.6,   0.0);   (435495.3,
3710855.9,   109.9,   183.6,   0.0);
     (435489.7, 3710816.9,   115.9,   183.6,   0.0);   (435484.1,
3710777.9,   127.1,   129.4,   0.0);
     (435478.5, 3710738.9,   129.9,   129.9,   0.0);   (435472.9,
3710699.9,   130.0,   130.0,   0.0);
     (435467.3, 3710660.9,   129.8,   169.0,   0.0);   (435967.2,
3711884.1,   115.4,   141.4,   0.0);
     (436207.7, 3711246.9,   127.2,   173.7,   0.0);   (436113.0,
3711283.4,   134.5,   155.7,   0.0);
     (436027.2, 3711334.9,   128.3,   155.7,   0.0);   (435941.5,

3711386.3,   117.0,   155.7,   0.0);
     (435855.7, 3711437.7,   108.7,   155.7,   0.0);   (435770.0,
3711489.2,   98.7,   155.7,   0.0);
     (435684.2, 3711540.6,   95.4,   154.8,   0.0);   (436976.6,
3710831.3,   69.6,   211.6,   0.0);
     (436963.1, 3710878.0,   72.2,   210.9,   0.0);   (436925.9,
3710862.9,   81.1,   205.1,   0.0);
     (436980.2, 3710926.6,   74.0,   205.1,   0.0);   (436942.2,
3710924.2,   76.0,   205.1,   0.0);
     (436908.8, 3710910.6,   80.1,   205.1,   0.0);   (436967.8,
3710973.3,   81.0,   205.1,   0.0);
     (436925.5, 3710970.7,   81.0,   205.1,   0.0);   (436888.4,
3710955.6,   86.6,   205.1,   0.0);
     (436976.1, 3711021.3,   82.0,   205.1,   0.0);   (436953.5,
3711019.9,   83.4,   205.1,   0.0);
     (436908.3, 3711017.1,   85.0,   205.1,   0.0);   (436868.5,
3711001.0,   88.6,   205.1,   0.0);
     (436851.2, 3710986.2,   90.9,   205.1,   0.0);   (436834.0,
3710971.5,   92.2,   205.1,   0.0);
     (436930.2, 3711066.0,   86.0,   205.1,   0.0);   (436850.8,
3711048.3,   101.6,   205.1,   0.0);

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

     (436818.7, 3711020.8,   100.7,   205.1,   0.0);   (436892.5,
3711111.1,   95.4,   205.1,   0.0);
     (436831.2, 3711093.9,   118.9,   186.9,   0.0);   (436797.5,
3711065.1,   126.0,   186.9,   0.0);
     (436763.8, 3711036.2,   114.0,   205.1,   0.0);   (436990.6,
3711164.7,   86.1,   205.1,   0.0);
     (436811.8, 3711139.7,   128.8,   185.3,   0.0);   (436794.3,
3711124.7,   137.1,   180.7,   0.0);
     (436776.8, 3711109.7,   145.7,   169.4,   0.0);   (436759.2,
3711094.7,   148.4,   169.4,   0.0);
     (436741.7, 3711079.7,   142.9,   180.7,   0.0);   (436986.0,
3711212.0,   86.4,   205.1,   0.0);
     (436876.3, 3711205.1,   109.9,   186.9,   0.0);   (436832.5,
3711202.4,   121.6,   185.9,   0.0);
     (436793.9, 3711186.8,   133.4,   180.7,   0.0);   (436760.5,
3711158.2,   150.1,   169.4,   0.0);
     (436727.1, 3711129.7,   158.5,   167.6,   0.0);   (436693.8,

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3711101.1,     135.5,     185.9,       0.0);
     ( 436972.8, 3711258.6,      86.9,     205.1,       0.0);         ( 436950.1,
3711257.2,      91.3,     205.1,       0.0);
     ( 436927.5, 3711255.8,      95.9,     196.6,       0.0);         ( 436904.9,
3711254.4,     101.7,     186.9,       0.0);
     ( 436882.3, 3711253.0,     108.5,     186.9,       0.0);         ( 436859.7,
3711251.6,     115.2,     185.9,       0.0);
     ( 436837.0, 3711250.2,     121.2,     183.8,       0.0);         ( 436740.1,
3711203.2,     155.9,     169.4,       0.0);
     ( 436722.9, 3711188.5,     161.3,     169.4,       0.0);         ( 436705.7,
3711173.8,     159.4,     169.4,       0.0);
     ( 436688.5, 3711159.0,     156.8,     169.4,       0.0);         ( 436671.3,
3711144.3,     153.4,     169.4,       0.0);
     ( 436636.8, 3711114.8,     154.0,     169.4,       0.0);         ( 436955.4,
3711352.6,      94.0,     186.9,       0.0);
     ( 436910.7, 3711349.8,     106.5,     185.3,       0.0);         ( 436866.0,
3711347.0,     122.2,     175.6,       0.0);
     ( 436821.3, 3711344.3,     132.5,     175.6,       0.0);         ( 436686.2,
3711281.9,     167.5,     168.8,       0.0);
     ( 436652.2, 3711252.7,     166.1,     166.1,       0.0);         ( 436618.1,
3711223.6,     165.7,     165.7,       0.0);
     ( 436584.1, 3711194.5,     165.8,     165.8,       0.0);         ( 437049.2,
3711453.4,      76.0,     186.9,       0.0);
     ( 436916.2, 3711445.2,     112.6,     175.6,       0.0);         ( 436871.9,
3711442.4,     125.3,     175.6,       0.0);
     ( 436827.5, 3711439.7,     129.7,     175.6,       0.0);         ( 436783.2,
3711436.9,     143.1,     175.6,       0.0);
     ( 436615.5, 3711346.1,     162.8,     162.8,       0.0);         ( 436581.7,
3711317.3,     162.2,     162.2,       0.0);
     ( 436548.0, 3711288.4,     162.9,     162.9,       0.0);         ( 436514.2,
3711259.5,     163.2,     163.9,       0.0);
     ( 436480.5, 3711230.6,     155.2,     165.5,       0.0);         ( 437093.7,
3711551.2,      80.7,     185.3,       0.0);
     ( 437070.7, 3711549.8,      83.3,     185.3,       0.0);         ( 437047.6,
3711548.3,      86.6,     181.5,       0.0);
     ( 437024.6, 3711546.9,      92.8,     179.7,       0.0);         ( 436886.4,
3711538.3,     117.5,     175.6,       0.0);
     ( 436863.4, 3711536.9,     121.4,     175.6,       0.0);         ( 436840.4,
3711535.5,     127.3,     175.6,       0.0);
     ( 436817.3, 3711534.0,     134.8,     175.6,       0.0);         ( 436794.3,
3711532.6,     143.7,     175.6,       0.0);
     ( 436771.3, 3711531.2,     153.8,     175.6,       0.0);         ( 436626.6,
3711480.5,     160.8,     160.8,       0.0);
     ( 436556.5, 3711420.5,     153.7,     164.1,       0.0);         ( 436538.9,
3711405.5,     152.9,     163.0,       0.0);
     ( 436521.4, 3711390.5,     152.6,     162.1,       0.0);         ( 436503.8,
3711375.5,     152.7,     163.1,       0.0);
     ( 436486.3, 3711360.5,     152.0,     163.9,       0.0);         ( 436468.8,
3711345.5,     149.2,     165.7,       0.0);
     ( 436451.2, 3711330.5,     145.9,     166.0,       0.0);         ( 436433.7,
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3711315.5,   144.1,   168.5,   0.0);
     (436416.2, 3711300.5,   145.8,   165.8,   0.0);   (437208.2,
3711551.0,   70.0,   186.8,   0.0);
     (437166.0, 3711650.7,   87.4,   175.6,   0.0);   (437143.2,
3711649.3,   89.0,   175.6,   0.0);
     (437120.4, 3711647.9,   89.2,   175.6,   0.0);   (437097.6,
3711646.5,   92.1,   175.6,   0.0);
     (437074.8, 3711645.0,   98.5,   175.6,   0.0);   (437052.0,
3711643.6,   104.9,   175.6,   0.0);
     (437029.2, 3711642.2,   108.2,   175.6,   0.0);   (437006.4,
3711640.8,   109.8,   175.6,   0.0);
     (436846.8, 3711630.9,   133.8,   175.6,   0.0);   (436824.0,
3711629.5,   143.1,   175.6,   0.0);
     (436801.2, 3711628.1,   154.7,   175.6,   0.0);   (436778.4,
3711626.6,   166.6,   175.6,   0.0);
     (436755.6, 3711625.2,   174.1,   175.6,   0.0);   (436732.8,
3711623.8,   172.7,   175.6,   0.0);
     (436572.2, 3711558.8,   159.4,   175.3,   0.0);   (436537.5,
3711529.0,   158.8,   158.8,   0.0);
     (436502.8, 3711499.3,   151.9,   159.8,   0.0);   (436485.4,
3711484.5,   150.1,   159.8,   0.0);
     (436468.1, 3711469.6,   148.4,   159.8,   0.0);   (436450.7,
3711454.8,   146.8,   159.8,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (436433.3, 3711439.9,   143.5,   163.9,   0.0);   (436416.0,
3711425.1,   138.8,   175.3,   0.0);
     (436398.6, 3711410.2,   133.6,   175.6,   0.0);   (436381.3,
3711395.4,   131.2,   175.6,   0.0);
     (436363.9, 3711380.5,   130.5,   175.3,   0.0);   (436346.5,
3711365.7,   130.5,   175.3,   0.0);
     (436329.2, 3711350.8,   130.7,   169.4,   0.0);   (437211.6,
3711653.5,   74.4,   179.7,   0.0);
     (437234.0, 3711647.6,   71.3,   180.7,   0.0);   (437214.8,
3711748.8,   73.7,   175.6,   0.0);
     (437192.2, 3711747.4,   79.3,   175.6,   0.0);   (437169.5,
3711745.9,   83.9,   175.6,   0.0);
     (437146.9, 3711744.5,   86.9,   175.6,   0.0);   (437124.3,
3711743.1,   89.8,   175.6,   0.0);
     (437101.7, 3711741.7,   92.9,   175.6,   0.0);   (437079.1,

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3711740.3,      96.4,     175.6,       0.0);
     ( 437056.5, 3711738.9,      99.9,     175.6,       0.0);         ( 437033.8,
3711737.5,     102.9,     175.6,       0.0);
     ( 437011.2, 3711736.1,     106.6,     175.6,       0.0);         ( 436988.6,
3711734.7,     111.4,     175.6,       0.0);
     ( 436966.0, 3711733.3,     114.4,     175.6,       0.0);         ( 436852.9,
3711726.3,     139.5,     175.6,       0.0);
     ( 436830.3, 3711724.9,     146.8,     175.6,       0.0);         ( 436807.6,
3711723.5,     149.2,     175.6,       0.0);
     ( 436785.0, 3711722.1,     150.9,     175.6,       0.0);         ( 436762.4,
3711720.7,     151.8,     175.6,       0.0);
     ( 436739.8, 3711719.3,     152.4,     175.6,       0.0);         ( 436717.2,
3711717.9,     153.4,     175.6,       0.0);
     ( 436500.8, 3711622.4,     161.0,     161.0,       0.0);         ( 436483.5,
3711607.7,     157.6,     160.9,       0.0);
     ( 436466.3, 3711593.0,     153.1,     162.0,       0.0);         ( 436449.1,
3711578.2,     147.9,     162.0,       0.0);
     ( 436431.9, 3711563.5,     145.3,     175.3,       0.0);         ( 436414.7,
3711548.8,     144.0,     162.0,       0.0);
     ( 436397.5, 3711534.0,     139.0,     175.3,       0.0);         ( 436380.2,
3711519.3,     133.9,     175.6,       0.0);
     ( 436363.0, 3711504.6,     130.6,     175.6,       0.0);         ( 436345.8,
3711489.8,     130.2,     175.6,       0.0);
     ( 436328.6, 3711475.1,     129.7,     175.6,       0.0);         ( 436311.3,
3711460.4,     129.2,     175.3,       0.0);
     ( 436294.1, 3711445.6,     128.7,     175.3,       0.0);         ( 436276.9,
3711430.9,     128.1,     165.7,       0.0);
     ( 436259.7, 3711416.2,     126.8,     165.8,       0.0);         ( 436139.2,
3711313.0,     123.3,     164.5,       0.0);
     ( 437237.4, 3711750.2,      71.0,     175.6,       0.0);         ( 437259.7,
3711744.2,      70.2,     175.6,       0.0);
     ( 437240.7, 3711845.4,      72.2,     175.6,       0.0);         ( 437218.2,
3711844.0,      76.1,     175.6,       0.0);
     ( 437195.8, 3711842.6,      77.6,     175.6,       0.0);         ( 437173.3,
3711841.2,      77.7,     175.6,       0.0);
     ( 437150.8, 3711839.8,      78.6,     175.6,       0.0);         ( 437128.4,
3711838.4,      80.2,     175.6,       0.0);
     ( 437105.9, 3711837.0,      82.4,     175.6,       0.0);         ( 437083.4,
3711835.6,      85.4,     175.6,       0.0);
     ( 437060.9, 3711834.2,      89.0,     175.6,       0.0);         ( 437038.5,
3711832.8,      93.6,     175.6,       0.0);
     ( 437016.0, 3711831.4,      96.8,     175.6,       0.0);         ( 436993.5,
3711830.0,     100.1,     175.6,       0.0);
     ( 436971.0, 3711828.6,     104.8,     175.6,       0.0);         ( 436948.6,
3711827.2,     110.2,     175.6,       0.0);
     ( 436813.7, 3711818.9,     146.0,     175.6,       0.0);         ( 436791.3,
3711817.5,     145.2,     175.6,       0.0);
     ( 436768.8, 3711816.1,     144.9,     175.6,       0.0);         ( 436746.3,
3711814.7,     145.8,     175.6,       0.0);
     ( 436723.8, 3711813.3,     147.0,     175.6,       0.0);         ( 436701.4,
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3711811.9,   147.8,   175.6,   0.0);
     (436678.9, 3711810.5,   148.3,   175.6,   0.0);   (436446.8,
3711701.1,   143.5,   175.6,   0.0);
     (436412.6, 3711671.8,   143.5,   162.0,   0.0);   (436378.3,
3711642.5,   141.2,   162.0,   0.0);
     (436361.2, 3711627.9,   136.4,   175.6,   0.0);   (436327.0,
3711598.6,   131.2,   175.6,   0.0);
     (436292.8, 3711569.3,   130.9,   175.3,   0.0);   (436258.6,
3711540.0,   130.4,   162.0,   0.0);
     (436224.4, 3711510.8,   130.2,   160.9,   0.0);   (436190.1,
3711481.5,   129.7,   129.7,   0.0);
     (436173.0, 3711466.8,   129.2,   129.2,   0.0);   (436053.3,
3711364.4,   120.6,   155.7,   0.0);
     (437263.2, 3711846.8,   70.6,   175.6,   0.0);   (437285.5,
3711840.8,   70.2,   175.6,   0.0);
     (437266.0, 3711942.0,   76.5,   175.6,   0.0);   (437242.9,
3711940.5,   79.0,   175.6,   0.0);
     (437219.9, 3711939.1,   78.8,   175.6,   0.0);   (437196.9,
3711937.7,   78.9,   175.6,   0.0);
     (437173.8, 3711936.2,   79.6,   175.6,   0.0);   (437150.8,
3711934.8,   82.1,   175.6,   0.0);
     (437127.8, 3711933.4,   86.5,   175.6,   0.0);   (437104.7,
3711932.0,   91.1,   175.6,   0.0);
     (437081.7, 3711930.5,   93.8,   175.6,   0.0);   (437058.7,
3711929.1,   93.6,   175.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (437035.7, 3711927.7,   94.1,   175.6,   0.0);   (437012.6,
3711926.2,   96.4,   175.6,   0.0);
     (436989.6, 3711924.8,   99.2,   175.6,   0.0);   (436966.6,
3711923.4,   101.7,   175.6,   0.0);
     (436943.5, 3711921.9,   104.8,   175.6,   0.0);   (436920.5,
3711920.5,   109.7,   175.6,   0.0);
     (436782.3, 3711911.9,   142.6,   175.6,   0.0);   (436759.3,
3711910.5,   142.8,   175.6,   0.0);
     (436736.3, 3711909.1,   143.0,   175.6,   0.0);   (436713.2,
3711907.6,   143.1,   175.6,   0.0);
     (436690.2, 3711906.2,   143.2,   175.6,   0.0);   (436667.2,
3711904.8,   143.2,   175.6,   0.0);
     (436406.3, 3711791.2,   126.4,   175.6,   0.0);   (436388.7,

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3711776.2,     127.5,     175.6,       0.0);
     ( 436371.2, 3711761.2,     131.8,     175.6,       0.0);         ( 436353.7,
3711746.2,     132.7,     175.6,       0.0);
     ( 436336.1, 3711731.2,     129.8,     175.6,       0.0);         ( 436318.6,
3711716.2,     130.2,     175.6,       0.0);
     ( 436301.1, 3711701.2,     129.9,     175.3,       0.0);         ( 436283.5,
3711686.2,     130.6,     162.0,       0.0);
     ( 436266.0, 3711671.2,     130.3,     162.0,       0.0);         ( 436248.5,
3711656.2,     130.3,     162.0,       0.0);
     ( 436230.9, 3711641.2,     130.0,     162.0,       0.0);         ( 436213.4,
3711626.2,     129.8,     162.0,       0.0);
     ( 436195.9, 3711611.2,     129.7,     160.9,       0.0);         ( 436178.3,
3711596.2,     129.8,     129.8,       0.0);
     ( 436160.8, 3711581.2,     129.8,     129.8,       0.0);         ( 436143.3,
3711566.2,     129.7,     129.7,       0.0);
     ( 436125.7, 3711551.2,     129.5,     129.5,       0.0);         ( 436108.2,
3711536.2,     129.3,     129.3,       0.0);
     ( 435985.5, 3711431.2,     112.0,     155.7,       0.0);         ( 437289.0,
3711943.4,      73.1,     175.6,       0.0);
     ( 437311.3, 3711937.4,      71.3,     175.6,       0.0);         ( 437291.9,
3712038.6,      79.0,     175.6,       0.0);
     ( 437269.0, 3712037.2,      85.2,     175.6,       0.0);         ( 437246.2,
3712035.8,      87.0,     175.6,       0.0);
     ( 437223.3, 3712034.3,      86.8,     175.6,       0.0);         ( 437200.4,
3712032.9,      87.0,     175.6,       0.0);
     ( 437177.5, 3712031.5,      87.6,     175.6,       0.0);         ( 437154.7,
3712030.1,      90.8,     175.6,       0.0);
     ( 437131.8, 3712028.7,      96.1,     175.6,       0.0);         ( 437108.9,
3712027.2,     100.4,     175.6,       0.0);
     ( 437086.1, 3712025.8,     100.6,     175.6,       0.0);         ( 437063.2,
3712024.4,     100.6,     175.6,       0.0);
     ( 437040.3, 3712023.0,     103.1,     175.6,       0.0);         ( 437017.5,
3712021.6,     108.0,     175.6,       0.0);
     ( 436994.6, 3712020.1,     112.8,     175.6,       0.0);         ( 436971.7,
3712018.7,     118.5,     175.6,       0.0);
     ( 436948.8, 3712017.3,     125.1,     175.6,       0.0);         ( 436926.0,
3712015.9,     133.1,     147.1,       0.0);
     ( 436903.1, 3712014.4,     140.0,     146.9,       0.0);         ( 436743.0,
3712004.5,     140.9,     140.9,       0.0);
     ( 436720.1, 3712003.1,     139.8,     139.8,       0.0);         ( 436697.3,
3712001.7,     139.1,     139.1,       0.0);
     ( 436674.4, 3712000.2,     138.4,     138.4,       0.0);         ( 436651.5,
3711998.8,     137.4,     142.1,       0.0);
     ( 436628.7, 3711997.4,     136.5,     142.1,       0.0);         ( 436352.2,
3711869.7,     111.2,     175.6,       0.0);
     ( 436334.8, 3711854.8,     113.0,     175.6,       0.0);         ( 436317.3,
3711839.9,     114.1,     175.6,       0.0);
     ( 436299.9, 3711825.0,     114.1,     175.6,       0.0);         ( 436282.5,
3711810.1,     114.0,     175.6,       0.0);
     ( 436265.1, 3711795.2,     112.5,     175.6,       0.0);         ( 436247.7,
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3711780.3,   111.3,   175.6,   0.0);
     (436230.3, 3711765.4,   110.5,   175.6,   0.0);   (436212.9,
3711750.5,   109.7,   175.6,   0.0);
     (436195.5, 3711735.6,   110.1,   175.6,   0.0);   (436178.1,
3711720.8,   109.6,   175.6,   0.0);
     (436160.6, 3711705.9,   111.5,   175.6,   0.0);   (436143.2,
3711691.0,   111.9,   175.6,   0.0);
     (436125.8, 3711676.1,   114.5,   175.3,   0.0);   (436108.4,
3711661.2,   116.3,   162.0,   0.0);
     (436091.0, 3711646.3,   118.6,   162.0,   0.0);   (436073.6,
3711631.4,   121.6,   129.4,   0.0);
     (436056.2, 3711616.5,   121.5,   129.2,   0.0);   (436038.8,
3711601.6,   117.2,   130.0,   0.0);
     (436021.4, 3711586.7,   112.2,   160.9,   0.0);   (435882.1,
3711467.5,   103.5,   155.7,   0.0);
     (437337.1, 3712034.1,   71.3,   175.6,   0.0);   (437295.1,
3712133.8,   83.8,   175.6,   0.0);
     (437272.4, 3712132.4,   85.7,   175.6,   0.0);   (437249.6,
3712131.0,   86.8,   175.6,   0.0);
     (437226.9, 3712129.6,   88.0,   175.6,   0.0);   (437204.1,
3712128.2,   90.9,   175.6,   0.0);
     (437181.4, 3712126.8,   94.8,   175.6,   0.0);   (437158.7,
3712125.3,   98.0,   175.6,   0.0);
     (437136.0, 3712123.9,   99.6,   175.6,   0.0);   (437113.2,
3712122.5,   100.7,   175.6,   0.0);
     (437090.5, 3712121.1,   102.3,   175.6,   0.0);   (437067.7,
3712119.7,   104.2,   175.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

     (437045.0, 3712118.3,   106.8,   175.6,   0.0);   (436999.5,
3712115.5,   118.0,   175.6,   0.0);
     (436976.8, 3712114.0,   126.1,   147.1,   0.0);   (436954.1,
3712112.6,   135.4,   147.1,   0.0);
     (436931.3, 3712111.2,   144.0,   147.1,   0.0);   (436908.6,
3712109.8,   147.1,   147.1,   0.0);
     (436885.9, 3712108.4,   146.9,   146.9,   0.0);   (436863.1,
3712107.0,   146.5,   146.5,   0.0);
     (436840.4, 3712105.6,   145.8,   145.8,   0.0);   (436726.7,
3712098.5,   141.1,   141.1,   0.0);
     (436704.0, 3712097.1,   138.9,   138.9,   0.0);   (436681.3,

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3712095.7,     137.1,     139.8,       0.0);
     ( 436658.5, 3712094.3,     137.3,     137.3,       0.0);         ( 436635.8,
3712092.9,     137.7,     155.8,       0.0);
     ( 436613.0, 3712091.5,     138.1,     155.8,       0.0);         ( 436590.3,
3712090.0,     138.3,     156.1,       0.0);
     ( 436476.6, 3712083.0,     139.8,     156.1,       0.0);         ( 436436.6,
3712066.8,     146.2,     149.8,       0.0);
     ( 436298.1, 3711948.3,     115.5,     175.6,       0.0);         ( 436280.8,
3711933.5,     113.9,     175.6,       0.0);
     ( 436263.5, 3711918.7,     112.8,     175.6,       0.0);         ( 436246.2,
3711903.9,     111.7,     175.6,       0.0);
     ( 436228.9, 3711889.1,     111.5,     175.6,       0.0);         ( 436211.6,
3711874.3,     109.5,     175.6,       0.0);
     ( 436194.3, 3711859.4,     109.3,     175.6,       0.0);         ( 436177.0,
3711844.6,     108.6,     175.6,       0.0);
     ( 436159.7, 3711829.8,     108.5,     175.6,       0.0);         ( 436142.4,
3711815.0,     108.2,     175.6,       0.0);
     ( 436125.1, 3711800.2,     108.0,     175.6,       0.0);         ( 436107.8,
3711785.4,     107.7,     175.6,       0.0);
     ( 436090.4, 3711770.6,     107.4,     175.6,       0.0);         ( 436073.1,
3711755.8,     107.2,     175.3,       0.0);
     ( 436055.8, 3711741.0,     106.7,     162.0,       0.0);         ( 436038.5,
3711726.2,     105.9,     162.0,       0.0);
     ( 436021.2, 3711711.4,     105.0,     162.0,       0.0);         ( 436003.9,
3711696.6,     104.0,     162.0,       0.0);
     ( 435986.6, 3711681.8,     102.3,     162.0,       0.0);         ( 435969.3,
3711666.9,     101.2,     162.0,       0.0);
     ( 435952.0, 3711652.1,     100.5,     162.0,       0.0);         ( 435830.8,
3711548.5,      97.6,     155.7,       0.0);
     ( 435796.2, 3711518.9,      98.0,     155.7,       0.0);         ( 437340.6,
3712136.6,      78.5,     175.6,       0.0);
     ( 437343.7, 3712231.8,      82.3,     175.6,       0.0);         ( 437298.5,
3712229.0,      85.7,     175.6,       0.0);
     ( 437275.9, 3712227.6,      86.6,     175.6,       0.0);         ( 437253.2,
3712226.2,      87.3,     175.6,       0.0);
     ( 437230.6, 3712224.8,      89.0,     175.6,       0.0);         ( 437208.0,
3712223.4,      90.9,     175.6,       0.0);
     ( 437185.4, 3712222.0,      92.6,     175.6,       0.0);         ( 437162.8,
3712220.6,      94.3,     175.6,       0.0);
     ( 437140.2, 3712219.2,      96.1,     175.6,       0.0);         ( 437117.5,
3712217.8,      97.8,     175.6,       0.0);
     ( 437094.9, 3712216.4,      99.8,     175.6,       0.0);         ( 437072.3,
3712215.0,     101.4,     175.6,       0.0);
     ( 437049.7, 3712213.6,     103.2,     175.6,       0.0);         ( 437004.5,
3712210.8,     114.8,     155.8,       0.0);
     ( 436959.2, 3712208.0,     136.0,     147.1,       0.0);         ( 436936.6,
3712206.6,     143.9,     143.9,       0.0);
     ( 436914.0, 3712205.2,     144.5,     144.5,       0.0);         ( 436891.4,
3712203.8,     144.4,     144.4,       0.0);
     ( 436868.7, 3712202.3,     144.0,     144.0,       0.0);         ( 436846.1,
```

3712200.9,   143.1,   143.1,   0.0);
     (436823.5, 3712199.5,   141.5,   144.0,   0.0);   (436710.4,
3712192.5,   136.3,   155.8,   0.0);
     (436687.8, 3712191.1,   137.4,   155.1,   0.0);   (436665.2,
3712189.7,   138.0,   155.9,   0.0);
     (436642.5, 3712188.3,   139.4,   155.9,   0.0);   (436619.9,
3712186.9,   142.3,   155.9,   0.0);
     (436597.3, 3712185.5,   145.8,   150.4,   0.0);   (436574.7,
3712184.1,   147.4,   155.8,   0.0);
     (436552.1, 3712182.7,   148.1,   155.8,   0.0);   (436529.5,
3712181.3,   149.3,   156.1,   0.0);
     (436506.8, 3712179.9,   151.7,   155.8,   0.0);   (436484.2,
3712178.5,   153.3,   153.3,   0.0);
     (436461.6, 3712177.1,   153.6,   153.6,   0.0);   (436439.0,
3712175.7,   152.6,   154.2,   0.0);
     (436399.1, 3712159.5,   149.2,   149.2,   0.0);   (436381.9,
3712144.8,   149.3,   149.3,   0.0);
     (436364.7, 3712130.1,   148.8,   148.8,   0.0);   (436347.5,
3712115.3,   145.1,   149.6,   0.0);
     (436330.3, 3712100.6,   140.4,   149.8,   0.0);   (436313.0,
3712085.9,   136.0,   156.1,   0.0);
     (436295.8, 3712071.1,   134.0,   156.1,   0.0);   (436278.6,
3712056.4,   132.6,   156.1,   0.0);
     (436261.4, 3712041.7,   131.4,   149.8,   0.0);   (436244.2,
3712026.9,   132.9,   149.6,   0.0);
     (436227.0, 3712012.2,   135.6,   141.4,   0.0);   (436209.7,
3711997.5,   138.8,   141.4,   0.0);
     (436192.5, 3711982.7,   139.9,   139.9,   0.0);   (436175.3,
3711968.0,   140.5,   140.5,   0.0);

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

     (436158.1, 3711953.3,   138.4,   141.0,   0.0);   (436140.8,
3711938.5,   134.4,   141.4,   0.0);
     (436123.6, 3711923.8,   127.9,   141.4,   0.0);   (436106.4,
3711909.1,   121.0,   141.4,   0.0);
     (436089.2, 3711894.3,   117.9,   141.4,   0.0);   (436072.0,
3711879.6,   117.2,   141.4,   0.0);
     (436054.8, 3711864.9,   116.8,   141.4,   0.0);   (436037.5,
3711850.1,   116.4,   141.4,   0.0);
     (436020.3, 3711835.4,   114.3,   141.4,   0.0);   (436003.1,

```
3711820.7,     111.2,     141.4,       0.0);
     ( 435985.9, 3711805.9,     110.1,     141.4,       0.0);         ( 435968.6,
3711791.2,     108.8,     141.4,       0.0);
     ( 435951.4, 3711776.5,     108.0,     141.4,       0.0);         ( 435934.2,
3711761.7,     106.2,     141.4,       0.0);
     ( 435917.0, 3711747.0,     105.1,     141.4,       0.0);         ( 435899.8,
3711732.3,     104.5,     141.2,       0.0);
     ( 435882.5, 3711717.5,     101.7,     141.4,       0.0);         ( 435865.3,
3711702.8,      98.5,     141.4,       0.0);
     ( 435727.6, 3711584.9,      95.6,     154.8,       0.0);         ( 435710.4,
3711570.2,      95.7,     154.8,       0.0);
     ( 436970.6, 3710769.1,      68.5,     211.6,       0.0);         ( 436955.7,
3710755.7,      70.5,     211.6,       0.0);
     ( 436964.6, 3710656.0,      69.1,     211.6,       0.0);         ( 437021.2,
3710584.5,      65.6,     211.6,       0.0);
     ( 437018.2, 3710502.7,      69.0,     211.6,       0.0);         ( 437036.1,
3710435.7,      68.9,     211.6,       0.0);
     ( 437094.1, 3710349.4,      63.0,     211.6,       0.0);         ( 437061.4,
3710282.4,      66.2,     211.6,       0.0);
     ( 437037.6, 3710213.9,      69.8,     211.6,       0.0);         ( 437036.1,
3710167.8,      71.2,     211.6,       0.0);
     ( 437070.3, 3710115.7,      66.2,     211.6,       0.0);         ( 437123.9,
3710072.5,      56.8,     211.6,       0.0);
     ( 437222.1, 3710135.0,      62.8,     211.6,       0.0);         ( 437186.4,
3710196.1,      62.8,     211.6,       0.0);
     ( 437176.0, 3710245.2,      62.3,     211.6,       0.0);         ( 437195.3,
3710272.0,      62.2,     211.6,       0.0);
     ( 437262.3, 3710316.6,      63.4,     211.6,       0.0);         ( 437296.6,
3710364.3,      64.3,     211.6,       0.0);
     ( 437295.1, 3710425.3,      65.7,     211.6,       0.0);         ( 437305.5,
3710467.0,      69.7,     211.6,       0.0);
     ( 437274.2, 3710557.8,      67.7,     211.6,       0.0);         ( 437244.5,
3710642.6,      66.5,     211.6,       0.0);
     ( 437260.8, 3710791.4,      67.6,     211.6,       0.0);         ( 437210.2,
3710813.8,      60.8,     211.6,       0.0);
     ( 437162.6, 3710772.1,      64.5,     211.6,       0.0);         ( 437001.9,
3710778.0,      66.5,     211.6,       0.0);
     ( 436979.5, 3710784.0,      67.6,     211.6,       0.0);

 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                  (1=YES; 0=NO)
```

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: E:\msvj_sfc_pfl\MSVJ_V11_trimmed.sfc
Met Version: 22112
Profile file: E:\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)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437003.71   3710828.00      193.47720  (20122620)               437026.67
3710827.15      152.25119  (17022801)
        437049.64   3710826.30      127.47441  (20022307)               437072.60
3710825.45      117.62383  (17070719)
        437095.56   3710824.60      108.43940  (17070719)               437118.52
3710823.75       97.30953  (17070719)
        437141.49   3710822.90       87.37424  (17070719)               437164.45
3710822.05       79.32750  (17070719)
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        437005.56   3710877.96      139.72851  (20122620)                437028.52
3710877.11      129.49070  (20122620)
        437051.48   3710876.26      110.67844  (20101722)                437074.45
3710875.41      101.34566  (20022307)
        437097.41   3710874.56       91.46560  (20022307)                437120.37
3710873.71       82.04830  (20022307)
        437143.34   3710872.86       74.67659  (21021920)                437166.30
3710872.01       68.22206  (18052223)
        437007.41   3710927.93      120.18939  (17052803)                437030.37
3710927.08      105.57240  (20122620)
        437053.33   3710926.23       95.59616  (20122620)                437076.30
3710925.38       86.86231  (20101722)
        437099.26   3710924.53       82.93488  (20022307)                437122.22
3710923.68       77.04021  (20022307)
        437145.19   3710922.83       70.37782  (21021920)                437168.15
3710921.98       65.17300  (21021920)
        437009.26   3710977.89      139.85306  (20121401)                437032.22
3710977.04       93.79690  (20122620)
        437055.18   3710976.19       82.50415  (20122620)                437078.15
3710975.34       73.82217  (20101722)
        437101.11   3710974.49       71.13060  (20022307)                437124.07
3710973.64       69.49882  (20022307)
        437147.04   3710972.79       65.49120  (20022307)                437170.00
3710971.94       60.90750  (21021920)
        437011.11   3711027.86      119.35305  (17010717)                437034.07
3711027.01       81.49264  (20122620)
        437057.03   3711026.16       71.16218  (20122620)                437080.00
3711025.31       65.58988  (20122620)
        437102.96   3711024.46       62.22763  (20101722)                437125.92
3711023.61       60.95030  (20022307)
        437148.88   3711022.76       59.78522  (20022307)                437171.85
3711021.91       56.66508  (20022307)
        437012.96   3711077.82      115.61989  (20121401)                437035.92
3711076.97      102.64635  (19120802)
        437058.88   3711076.12       85.94561  (19120802)                437081.85
3711075.27       61.05955  (20122620)
        437104.81   3711074.42       54.08855  (20101722)                437127.77
3711073.57       53.50502  (20101722)
        437150.73   3711072.72       53.08055  (20022307)                437173.70
3711071.87       52.01777  (20022307)
        437014.81   3711127.79      106.86019  (20121401)                437037.77
3711126.94       97.87266  (19082902)
        437060.73   3711126.09       93.53194  (19120802)                437083.70
3711125.24       83.72582  (21020924)
        437106.66   3711124.39       52.97296  (17022801)                437129.62
3711123.54       47.38308  (20101722)
        437152.58   3711122.69       46.36169  (20101722)                437175.55
3711121.84       46.57390  (20022307)
        437016.66   3711177.76       96.60325  (20121401)                437039.62
3711176.91       89.38875  (20081206)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

- -

	437024.05	3711377.62	56.99235	(17010717)	437047.02	3711376.77	53.78069	(17010717)
	437069.98	3711375.92	55.08563	(19120802)	437092.94	3711375.07	55.19260	(19120802)
	437115.91	3711374.22	53.87449	(21020924)	437138.87	3711373.37	49.35939	(19011723)
	437161.83	3711372.52	28.50680	(20010918)	437184.79	3711371.67	27.90159	(20101722)
	437027.75	3711477.55	54.17784	(20121401)	437050.72	3711476.70	45.95906	(17010717)
	437073.68	3711475.85	38.60850	(20092002)	437096.64	3711475.00	33.01171	(20122620)
	437119.61	3711474.15	30.89785	(20122620)	437142.57	3711473.30	27.98789	(20122620)
	437165.53	3711472.45	24.94146	(20122620)	437188.49	3711471.60	24.02313	(20052322)
	437031.45	3711577.48	53.99573	(21091105)	437054.42	3711576.63	53.28800	(20081206)
	437077.38	3711575.78	50.85855	(18052306)	437100.34	3711574.93	48.80162	(19110724)
	437123.30	3711574.08	43.14066	(19120802)	437146.27	3711573.23	32.26442	(19120802)
	437169.23	3711572.38	24.31238	(20122620)	437192.19	3711571.53	21.79391	(20122620)
	437035.15	3711677.41	46.06764	(21091105)	437058.11	3711676.56	45.93795	(20081206)
	437081.08	3711675.71	45.32211	(18052306)	437104.04	3711674.86	47.91501	(18052306)
	437127.00	3711674.01	47.62532	(18052306)	437149.97	3711673.16	46.53074	(18120724)
	437172.93	3711672.31	44.43151	(19011723)	437195.89	3711671.46	38.96116	(19011723)
	437038.85	3711777.35	44.22210	(21091105)	437061.81	3711776.50	43.52456	(20081206)
	437084.78	3711775.65	41.41250	(20081206)	437107.74	3711774.80	41.87115	(18052306)
	437130.70	3711773.95	40.15149	(19110724)	437153.67	3711773.10	38.41530	(21020924)
	437176.63	3711772.25	37.45851	(21020924)	437199.59	3711771.40	33.94002	(19011723)
	437042.55	3711877.28	38.85107	(20081206)	437065.51	3711876.43	37.38931	(20081206)
	437088.48	3711875.58	35.41037	(19072204)	437111.44	3711874.73	34.70854	(19082902)
	437134.40	3711873.88	32.72646	(19120802)	437157.36	3711873.03	30.59257	(19120802)
	437180.33	3711872.18	29.67000	(21020924)	437203.29	3711871.33	29.36815	(19011723)
	437046.25	3711977.21	37.04624	(21091105)	437069.21			

3711976.36   36.60540 (20081206)
        437092.17   3711975.51   35.14656 (20081206)   437115.14
3711974.66   35.17400 (18052306)
        437138.10   3711973.81   33.20901 (19110724)   437161.06
3711972.96   30.62707 (19120802)
        437184.03   3711972.11   29.58476 (21020924)   437206.99
3711971.26   29.74777 (21020924)
        437049.95   3712077.14   33.60694 (21091105)   437072.91
3712076.29   33.57332 (20081206)
        437095.87   3712075.44   32.34587 (20081206)   437118.84
3712074.59   32.17484 (18052306)
        437141.80   3712073.74   33.84813 (18052306)   437164.76
3712072.89   33.31734 (18052306)
        437187.73   3712072.04   31.85153 (18120724)   437210.69
3712071.19   30.81321 (18120724)
        437053.65   3712177.07   31.43178 (21091105)   437076.61
3712176.22   31.31535 (20081206)
        437099.57   3712175.37   30.36046 (20081206)   437122.54
3712174.52   29.53111 (18052306)
        437145.50   3712173.67   30.83558 (18052306)   437168.46
3712172.82   31.32228 (18052306)
        437191.42   3712171.97   30.86349 (18052306)   437214.39
3712171.12   29.86837 (18120724)
        437057.35   3712277.00   29.38429 (21091105)   437080.31
3712276.15   29.26682 (20081206)
        437103.27   3712275.30   28.38616 (20081206)   437126.24
3712274.45   27.17010 (18052306)
        437149.20   3712273.60   28.54307 (18052306)   437172.16
3712272.75   28.99561 (18052306)
        437195.12   3712271.90   28.78960 (18052306)   437218.09
3712271.05   28.65599 (18120724)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437177.30	3710851.39	69.60480	(17070719)	437096.75	3710847.33	94.19424	(20022307)
437079.70	3710898.86	93.58956	(20022307)	437062.65	3710950.38	85.19147	(20122620)
437045.60	3711001.90	78.26921	(20122620)	436965.04	3710997.84	150.31467	(19021501)
436932.11	3711035.47	135.05513	(19120806)	436963.86	3711063.26	127.11998	(19021501)
436899.18	3711073.10	124.12242	(20120702)	436930.94	3711100.89	108.54489	(18061301)
436866.26	3711110.73	95.84352	(18101320)	436898.01	3711138.51	94.13383	(19120806)
436833.33	3711148.35	84.36326	(19071305)	436865.08	3711176.14	82.63290	(20120702)
436767.48	3711223.61	70.48116	(17100222)	436799.23	3711251.40	69.59474	(19071305)
436701.62	3711298.86	62.20068	(20101803)	436733.38	3711326.65	58.64636	(17100222)
436635.77	3711374.12	50.62467	(19082401)	436667.52	3711401.90	52.90850	(20101803)
436569.92	3711449.37	44.01475	(20070405)	436601.67	3711477.16	45.42334	(19082401)
436504.06	3711524.63	40.19696	(20070405)	436535.82	3711552.41	36.71300	(19082401)
436438.21	3711599.88	35.41075	(20051605)	436469.96	3711627.67	34.63297	(20070405)
436372.35	3711675.14	31.29947	(21120223)	436404.11	3711702.92	31.74217	(20070405)
436306.50	3711750.39	30.84986	(21111806)	436338.25	3711778.18	31.00789	(20051605)
436240.65	3711825.65	31.90517	(21111806)	436272.40	3711853.43	31.34102	(20051605)
436174.79	3711900.90	27.85536	(21111806)	436206.55	3711928.69	24.63270	(21111806)
437216.54	3710861.35	60.12865	(17070719)	437247.28	3710852.06	56.93798	(17070719)
437281.02	3710837.18	54.96157	(17070719)	437236.73	3710907.09	49.12885	(17070719)
437208.99	3710910.77	55.74969	(18052223)	437157.06	3710894.91	69.52022	(21021920)

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        437267.47   3710897.81       48.75778  (17070719)                437301.21
3710882.92       48.33548  (17070719)
        437254.14   3710953.20       45.60857  (18052223)                437220.85
3710957.62       52.16430  (18052223)
        437157.12   3710947.88       65.40519  (21021920)                437287.65
3710943.55       40.56514  (17070719)
        437321.39   3710928.67       41.74072  (17070719)                437275.11
3710998.84       41.88123  (18052223)
        437243.41   3711003.05       47.05207  (18052223)                437211.71
3711007.26       52.09847  (21021920)
        437151.01   3710997.98       62.16160  (20022307)                437307.83
3710989.30       35.60405  (18071405)
        437341.57   3710974.41       34.77522  (17070719)                437293.81
3711044.79       38.78703  (18052223)
        437259.14   3711049.39       43.21975  (21021920)                437224.47
3711053.99       47.77464  (21021920)
        437140.74   3711046.14       57.13073  (20022307)                437328.02
3711035.04       33.36147  (18071405)
        437361.76   3711020.16       28.53916  (17070719)                437314.69
3711090.44       35.68496  (18052223)
        437281.40   3711094.86       39.31420  (21021920)                437248.12
3711099.27       42.61765  (21021920)
        437214.83   3711103.69       45.12185  (20022307)                437134.46
3711096.16       50.33790  (20101722)
        437043.12   3711053.68       83.28598  (20092002)                437348.20
3711080.79       31.26035  (18071405)
        437381.94   3711065.90       26.35690  (20082924)                437333.86
3711136.32       33.07889  (18052223)
        437298.56   3711141.00       36.48023  (21021920)                437263.26
3711145.69       38.66280  (21021920)
        437227.95   3711150.37       41.27093  (20022307)                437192.65
3711155.06       43.00027  (20022307)
        437141.20   3711152.23       44.07877  (20101722)                437028.18
3711099.68      104.70067  (20121401)
        437368.38   3711126.53       29.28435  (18071405)                437402.12
3711111.65       25.13386  (18071405)
        437354.63   3711181.99       30.57432  (18052223)                437320.49
3711186.52       33.44421  (21021920)
        437286.35   3711191.05       35.35297  (21021920)                437252.21
3711195.58       36.91302  (20022307)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
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INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	38.71743	(20022307)	437118.57	3711194.65	53.09409	(17022801)
437024.88	3711151.08	98.33299	(20121401)	436993.66	3711136.56	107.21038	(20121401)
436962.43	3711122.04	111.87070	(19021501)	437388.57	3711172.28	27.44584	(18071405)
437422.31	3711157.39	23.95089	(18071405)	437374.05	3711227.83	28.41761	(18052223)
437338.39	3711232.57	31.02809	(21021920)	437302.72	3711237.30	32.49322	(21021920)
437267.06	3711242.03	33.93598	(20022307)	437231.40	3711246.76	35.23573	(20022307)
437195.73	3711251.50	34.62153	(20101722)	437125.93	3711251.01	56.66489	(17022801)
437028.06	3711205.50	87.96597	(20121401)	436995.44	3711190.33	96.61624	(20121401)
436962.82	3711175.16	100.35314	(19021501)	436930.20	3711159.99	92.20157	(18061301)
437408.75	3711218.02	25.79038	(18052223)	437442.49	3711203.14	22.80244	(18071405)
437394.73	3711273.51	26.39265	(18052223)	437360.06	3711278.11	28.62769	(21021920)
437325.38	3711282.71	29.88117	(21021920)	437290.71	3711287.32	30.80138	(20022307)
437256.04	3711291.92	32.16574	(20022307)	437221.37	3711296.52	31.69402	(20022307)
437186.69	3711301.12	31.97922	(20101722)	437152.02	3711305.72	31.95943	(20052322)
437118.83	3711300.65	57.69265	(19011723)	437007.82	3711249.03	81.83349	(20121401)
436976.11	3711234.28	88.09195	(19021501)	436944.39			

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3711219.53       87.44622  (19021501)
        436912.68   3711204.78       74.23068  (18061301)               437428.94
3711263.77       24.25577  (18052223)
        437462.68   3711248.88       22.88940  (20082924)               437434.91
3711365.03       23.37063  (21021920)
        437399.88   3711369.68       24.75938  (21021920)               437364.84
3711374.33       25.53635  (21021920)
        437329.80   3711378.98       26.37851  (20022307)               437294.76
3711383.62       27.24332  (20022307)
        437259.73   3711388.27       27.01403  (20022307)               437224.69
3711392.92       27.02376  (20101722)
        437189.65   3711397.57       26.65762  (20052322)               437154.61
3711402.22       30.90567  (17022801)
        437103.55   3711399.42       52.39309  (19120802)               437007.40
3711354.71       63.57032  (20121401)
        436975.35   3711339.81       72.81115  (19021501)               436943.30
3711324.90       74.91959  (19021501)
        436911.25   3711310.00       62.56555  (18061301)               436879.21
3711295.10       63.00370  (19120806)
        436847.16   3711280.19       68.25893  (20120702)               437469.30
3711355.26       28.97324  (20050801)
        437503.04   3711340.37       33.50022  (19040621)               437475.15
3711456.54       30.11551  (20050801)
        437439.85   3711461.22       22.39108  (21021920)               437404.54
3711465.90       22.77059  (21021920)
        437369.24   3711470.59       22.81313  (20022307)               437333.94
3711475.27       23.59413  (20022307)
        437298.63   3711479.96       23.40955  (20022307)               437263.33
3711484.64       23.17227  (20101722)
        437228.03   3711489.33       23.17494  (20101722)               437192.72
3711494.01       23.22081  (20010918)
        437157.42   3711498.70       24.63415  (20122620)               437122.12
3711503.38       28.99987  (20122620)
        437088.32   3711498.22       32.14253  (20122620)               437007.59
3711460.67       58.53799  (20121401)
        436975.30   3711445.66       62.15054  (19021501)               436943.00
3711430.64       60.25945  (19021501)
        436910.71   3711415.63       51.74087  (18061301)               436878.42
3711400.61       51.29742  (21121219)
        436846.13   3711385.59       57.08835  (19120806)               436813.84
3711370.58       59.24330  (20120702)
        436781.55   3711355.56       58.50816  (19070105)               437509.67
3711446.75       35.52199  (19040621)
        437543.41   3711431.86       35.20502  (17072004)               437515.41
3711548.04       29.65427  (20050801)
        437479.91   3711552.75       23.84997  (20050801)               437444.40
3711557.46       21.33831  (19122918)
        437408.90   3711562.17       22.90919  (20022307)               437373.39
3711566.88       20.64799  (20022307)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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        437413.05   3711658.47       18.25672  (20022307)               437377.39
3711663.20       18.26748  (20022307)
        437341.72   3711667.93       17.67861  (20102819)               437306.06
3711672.67       17.99455  (20101722)
        437270.39   3711677.40       17.75343  (20101722)               437234.73
3711682.13       21.36807  (17022801)
        437109.91   3711698.70       46.89124  (18052306)               437009.00
3711673.09       44.69628  (21091105)
        436976.38   3711657.92       40.19352  (20121401)               436943.76
3711642.75       42.24345  (19021501)
        436911.14   3711627.58       40.26672  (19021501)               436878.52
3711612.41       39.97080  (18061301)
        436845.90   3711597.24       40.15618  (21121219)               436813.27
3711582.07       43.89467  (19120806)
        436780.65   3711566.90       45.48202  (20120702)               436748.03
3711551.73       43.92869  (17102803)
        436715.41   3711536.56       44.79240  (19070105)               436682.79
3711521.39       45.74124  (19071305)
        436650.17   3711506.22       45.43172  (17100222)               437590.40
3711629.73       33.95695  (17072004)
        437624.14   3711614.84       30.24487  (17072004)               437596.01
3711731.04       31.33078  (17072004)
        437560.21   3711735.79       24.86405  (21081405)               437524.42
3711740.54       22.13441  (20100624)
        437488.63   3711745.29       22.48402  (20100624)               437452.84
3711750.04       21.22130  (20022307)
        437417.05   3711754.79       16.35835  (20022307)               437381.26
3711759.54       15.91119  (20022307)
        437345.47   3711764.28       16.01789  (20101722)               437309.68
3711769.03       15.99911  (20101722)
        437273.88   3711773.78       15.83473  (20052322)               437238.09
3711778.53       17.47913  (17022801)
        437094.93   3711797.53       39.68579  (19082902)               437010.03
3711779.44       43.28494  (20121401)
        436977.29   3711764.22       37.48448  (20121401)               436944.55
3711749.00       37.98363  (19021501)
        436911.81   3711733.77       37.09679  (19021501)               436879.08
3711718.55       35.54371  (18061301)
        436846.34   3711703.32       35.10322  (20091402)               436813.60
3711688.10       37.58062  (21121219)
        436780.86   3711672.88       40.43470  (19120806)               436748.12
3711657.65       41.19201  (20120702)
        436715.38   3711642.43       39.46206  (17102803)               436682.65
3711627.20       39.40040  (19071305)
        436649.91   3711611.98       40.37108  (19071305)               436617.17
3711596.76       40.31785  (17100222)
        436584.43   3711581.53       40.95916  (20101803)               437630.77
3711721.22       30.69457  (17072004)
        437664.51   3711706.33       29.05172  (17072004)               437636.32
3711822.54       28.53964  (17072004)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	14.17300	(20101722)	437277.35	3711870.17	14.52098	(17022801)
437241.46	3711874.93	23.23134	(20091401)	437061.98	3711898.75	37.71905	(20081206)
437011.19	3711885.86	40.54974	(20121401)	436978.36	3711870.59	38.53396	(20121401)
436945.52	3711855.33	38.04998	(19021501)	436912.69	3711840.06	34.90716	(19021501)
436879.85	3711824.79	31.59262	(20050503)	436847.02	3711809.52	32.69973	(18061301)
436814.18	3711794.25	33.06778	(21121219)	436781.35	3711778.98	34.17055	(19120806)
436748.52	3711763.71	35.07559	(19120806)	436715.68			

3711748.44 35.94493 (20120702)
436682.85 3711733.17 34.93560 (17102803) 436650.01
3711717.91 35.46322 (19071305)
436617.18 3711702.64 35.98210 (19071305) 436584.34
3711687.37 36.00662 (17100222)
436551.51 3711672.10 36.40372 (20101803) 436518.67
3711656.83 35.99953 (19082401)
437671.14 3711812.71 29.02618 (17072004) 437704.88
3711797.82 27.98287 (17072004)
437676.64 3711914.03 22.43971 (19040621) 437640.66
3711918.81 21.58667 (21081405)
437604.67 3711923.58 22.45814 (17093002) 437568.69
3711928.36 22.25682 (20100624)
437532.70 3711933.13 22.28292 (21021002) 437496.72
3711937.91 22.73426 (21021002)
437460.73 3711942.68 16.98369 (20102819) 437424.75
3711947.46 13.68200 (20102819)
437388.77 3711952.23 13.12366 (20101722) 437352.78
3711957.01 13.14675 (20101722)
437316.80 3711961.78 15.74339 (17022801) 437280.81
3711966.56 25.06055 (17022801)
437244.83 3711971.33 30.69743 (19011723) 437012.46
3711992.33 36.07760 (20121401)
436979.54 3711977.02 34.37847 (20121401) 436946.63
3711961.72 33.24074 (19021501)
436913.71 3711946.41 32.84809 (19021501) 436880.80
3711931.11 31.63796 (19021501)
436847.88 3711915.80 29.38839 (18061301) 436814.97
3711900.49 28.63910 (20091402)
436782.05 3711885.19 30.05556 (21121219) 436749.14
3711869.88 31.66358 (19120806)
436716.22 3711854.57 31.69344 (20120702) 436683.31
3711839.27 31.80427 (20120702)
436650.39 3711823.96 31.30012 (19070105) 436617.48
3711808.65 31.69211 (19071305)
436584.56 3711793.35 31.93652 (19071305) 436551.65
3711778.04 31.78049 (17100222)
436518.73 3711762.74 32.01656 (20092306) 436485.81
3711747.43 31.89321 (20101803)
436452.90 3711732.12 29.61454 (19082401) 437711.51
3711904.20 26.50318 (19040621)
437745.25 3711889.31 26.83288 (17072004) 437716.97
3712005.53 20.15065 (21081405)
437680.91 3712010.31 19.62037 (19071304) 437644.85
3712015.10 20.45770 (20100624)
437608.79 3712019.88 20.80357 (20100624) 437572.73
3712024.67 19.19476 (21021002)
437536.67 3712029.45 21.49438 (21021002) 437500.61
3712034.24 21.21674 (21021002)
437464.55 3712039.02 15.20141 (20102819) 437428.50

3712043.81   13.22730 (20101722)
        437392.44   3712048.59   12.08844 (20101722)   437356.38
3712053.38   11.78954 (20052322)
        437320.32   3712058.16   20.23157 (17022801)   437284.26
3712062.95   28.12611 (20091506)
        437248.20   3712067.73   30.77766 (19011723)   437031.84
3712096.44   32.70705 (21091105)
        436997.32   3712091.17   29.50566 (20121401)   436964.33
3712075.83   26.26894 (21082303)
        436931.35   3712060.49   26.19974 (19021501)   436898.36
3712045.15   26.85834 (19021501)
        436865.38   3712029.81   26.35599 (20050503)   436832.40
3712014.48   26.95858 (18061301)
        436799.41   3711999.14   26.28028 (20091402)   436766.43
3711983.80   27.25575 (21121219)
        436733.45   3711968.46   28.53589 (19120806)   436700.46
3711953.12   28.20647 (20120702)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436667.48   3711937.78   29.25331 (20120702)   436634.49
3711922.45   27.95346 (17102803)
        436601.51   3711907.11   28.38047 (18101320)   436568.53
3711891.77   29.28435 (19071305)

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        436535.54   3711876.43       27.87457  (21060824)               436502.56
3711861.09       28.34265  (17100222)
        436469.57   3711845.76       29.54869  (20101803)               436436.59
3711830.42       28.82995  (19082401)
        436403.61   3711815.08       27.36246  (20070405)               436370.62
3711799.74       30.95143  (20070405)
        437751.87   3711995.69       21.59244  (19040621)               437785.61
3711980.81       25.47739  (17072004)
        437757.31   3712097.02       18.29266  (21081405)               437721.18
3712101.82       17.36528  (19071304)
        437685.06   3712106.61       17.33517  (20100624)               437648.94
3712111.40       15.99599  (20100624)
        437612.81   3712116.20       14.45801  (20022307)               437576.69
3712120.99       14.40700  (20022307)
        437540.56   3712125.78       19.33015  (21021002)               437504.44
3712130.58       17.93986  (21090124)
        437468.31   3712135.37       13.10793  (20102819)               437432.19
3712140.16       12.87992  (17102724)
        437396.07   3712144.96       11.93096  (17102724)               437359.94
3712149.75       19.60989  (17022801)
        437323.82   3712154.55       24.94144  (21051801)               437287.69
3712159.34       26.87658  (20091506)
        437251.57   3712164.13       28.02384  (19011723)               437034.82
3712192.89       31.22866  (21091105)
        436982.18   3712190.00       25.62226  (20121401)               436949.13
3712174.64       23.82267  (21082303)
        436916.09   3712159.27       24.41192  (19021501)               436883.05
3712143.91       24.54840  (19021501)
        436850.01   3712128.54       24.29406  (20050503)               436816.96
3712113.18       24.71637  (18061301)
        436783.92   3712097.81       24.11773  (20091402)               436750.88
3712082.45       24.94032  (21121219)
        436717.83   3712067.08       25.92433  (19120806)               436684.79
3712051.71       26.10435  (19120806)
        436651.75   3712036.35       27.06893  (20120702)               436618.71
3712020.98       25.29321  (20120702)
        436585.66   3712005.62       26.39692  (18101320)               436552.62
3711990.25       28.08161  (18101320)
        436519.58   3711974.89       28.49084  (18101320)               436486.53
3711959.52       27.18338  (17100222)
        436453.49   3711944.15       28.58870  (20101803)               436420.45
3711928.79       30.54736  (20101803)
        436387.41   3711913.42       29.40955  (19082401)               436354.36
3711898.06       28.93871  (20070405)
        436321.32   3711882.69       31.81183  (20070405)               437792.24
3712087.18       20.49030  (19040621)
        437825.98   3712072.30       22.96880  (19040621)               437797.65
3712188.52       17.78720  (21081405)
        437761.47   3712193.32       16.90928  (19071304)               437725.29
3712198.12       16.63407  (20100624)
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        437689.11   3712202.92       16.43560  (20100624)                437652.93
3712207.72       15.80896  (21021002)
        437616.75   3712212.52       16.40100  (21021002)                437580.57
3712217.32       16.53591  (21021002)
        437544.38   3712222.12       19.42676  (20092405)                437508.20
3712226.92       18.19232  (20092222)
        437472.02   3712231.73       15.13020  (17102724)                437435.84
3712236.53       15.68004  (17102724)
        437399.66   3712241.33       12.04341  (17022801)                437363.48
3712246.13       19.94257  (19092304)
        437327.30   3712250.93       26.16629  (21120323)                437291.12
3712255.73       27.18736  (20091506)
        437254.94   3712260.53       27.42254  (19011723)                437037.86
3712289.34       29.24565  (21091105)
        437001.68   3712294.14       27.79890  (20121401)                436967.04
3712288.84       24.75330  (20121401)
        436933.95   3712273.46       23.62006  (19021501)                436900.85
3712258.07       24.29323  (19021501)
        436867.76   3712242.68       23.29638  (19021501)                436834.67
3712227.29       22.22826  (20050503)
        436801.57   3712211.90       22.78481  (18061301)                436768.48
3712196.51       21.92552  (20091402)
        436735.38   3712181.12       22.76857  (21121219)                436702.29
3712165.73       23.75849  (19120806)
        436669.19   3712150.34       24.30751  (19120806)                436636.10
3712134.95       24.90753  (20120702)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	24.07266	(20120702)	436569.91	3712104.17	23.54342	(19070105)
436536.82	3712088.78	25.25550	(18101320)	436503.72	3712073.39	24.88964	(19071305)
436470.63	3712058.00	23.74111	(21060824)	436437.54	3712042.61	24.16697	(17100222)
436404.44	3712027.22	24.42465	(20101803)	436371.35	3712011.83	24.98364	(20101803)
436338.25	3711996.44	24.16109	(19082401)	436305.16	3711981.05	24.95850	(20070405)
436272.06	3711965.67	27.58404	(20070405)	436238.97	3711950.28	26.42960	(20051605)
437832.61	3712178.67	19.07992	(19040621)	437866.35	3712163.79	21.46607	(19040621)
437307.35	3710801.18	51.86732	(17070719)	437307.81	3710761.16	55.27270	(19022102)
437305.08	3710736.35	57.08679	(19022102)	437302.36	3710711.54	58.40115	(19021521)
437299.63	3710686.74	61.25853	(21101617)	437296.90	3710661.93	67.01971	(21101617)
437294.17	3710637.12	71.98597	(21101617)	437355.99	3710800.79	45.01938	(19022102)
437332.06	3710855.22	46.07480	(17070719)	437357.51	3710755.69	49.95191	(19022102)
437354.78	3710730.88	51.66601	(19021521)	437352.06	3710706.08	53.31582	(19021521)
437349.33	3710681.27	53.66326	(19021521)	437346.60	3710656.46	56.58191	(21101617)
437343.87	3710631.66	59.40701	(21101617)	437405.16	3710797.86	50.71202	(18021904)
437400.37	3710820.68	50.60821	(18021904)	437395.58	3710843.51	49.44896	(18021904)
437373.45	3710881.92	39.76435	(17070719)	437356.09	3710897.50	41.12866	(17070719)
437338.74	3710913.08	41.80675	(17070719)	437409.94	3710775.03	51.42011	(17122019)
437407.21	3710750.22	51.36535	(17120317)	437404.48	3710725.42	51.82697	(19122417)
437401.76	3710700.61	53.56607	(21010117)	437399.03	3710675.80	54.75770	(20020818)
437396.30	3710651.00	56.35562	(18020519)	437393.57	3710626.19	56.82186	(18122507)
437454.54	3710793.91	47.11224	(17122019)	437449.43	3710818.26	47.65244	(17122019)
437444.33	3710842.61	47.01200	(19020918)	437439.22			

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3710866.96       46.09744  (18022222)
        437415.61   3710907.92       39.46447  (18021904)                437397.10
3710924.55       36.13897  (17070719)
        437378.59   3710941.17       36.69852  (17070719)                437360.08
3710957.79       35.98251  (17070719)
        437459.64   3710769.57       46.35094  (17120317)                437456.91
3710744.76       46.79398  (20012117)
        437454.18   3710719.95       47.16964  (20012117)                437451.46
3710695.15       47.36392  (21010117)
        437448.73   3710670.34       48.09577  (17121917)                437446.00
3710645.53       49.00704  (17121917)
        437443.27   3710620.73       50.90312  (18122503)                437504.78
3710785.84       44.04916  (17120317)
        437495.67   3710829.32       43.35822  (18121117)                437486.55
3710872.79       43.51738  (18022222)
        437460.91   3710931.11       38.81935  (18021904)                437427.86
3710960.79       34.64620  (19120917)
        437394.81   3710990.47       32.05884  (17070719)                437506.61
3710739.29       45.25091  (21010117)
        437503.88   3710714.49       46.36331  (21010117)                437501.16
3710689.68       46.51252  (21010117)
        437498.43   3710664.87       46.88475  (19012101)                437495.70
3710640.07       47.50619  (18020519)
        437492.97   3710615.26       48.52061  (18122503)                437554.26
3710781.46       42.46227  (19122417)
        437549.47   3710804.28       42.34510  (18021903)                437544.69
3710827.11       41.76195  (17122019)
        437539.90   3710849.94       41.69160  (17122019)                437535.11
3710872.76       41.37382  (18121117)
        437530.33   3710895.59       41.08529  (18022222)                437525.54
3710918.41       40.51183  (18022222)
        437503.41   3710956.82       37.98318  (18021904)                437486.05
3710972.40       36.13073  (18122117)
        437468.70   3710987.99       36.26229  (19120917)                437451.35
3711003.57       36.79728  (21012218)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
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, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437434.00   3711019.15   32.18733 (21012218)   437416.65
3711034.74   27.64202 (17070719)
        437399.29   3711050.32   25.48852 (17070719)   437559.04
3710758.63   42.13234 (17022318)
        437556.31   3710733.83   43.23643 (20020818)   437553.59
3710709.02   44.11792 (20020818)
        437550.86   3710684.21   44.07783 (20020818)   437548.13
3710659.41   44.85713 (18020519)
        437545.40   3710634.60   45.24509 (18122506)   437542.67
3710609.79   45.85662 (18122507)
        437603.78   3710776.84   38.96383 (17022318)   437598.82
3710800.51   39.41683 (19122417)
        437593.85   3710824.18   40.00178 (18021903)   437588.89
3710847.85   39.70190 (18021903)
        437583.93   3710871.52   39.99983 (17122019)   437578.97
3710895.19   39.40299 (17122019)
        437574.00   3710918.86   39.12350 (18022222)   437569.04
3710942.54   38.48237 (18022222)
        437546.08   3710982.37   36.31583 (18122117)   437528.09
3710998.53   36.98332 (18122117)
        437510.09   3711014.69   36.88973 (17021119)   437492.10
3711030.85   36.43193 (17021119)
        437474.10   3711047.01   36.70268 (17010218)   437456.11
3711063.17   32.63380 (17010919)
        437438.11   3711079.33   26.12195 (19040621)   437420.12
3711095.49   22.43157 (20082924)
        437608.74   3710753.17   39.67757 (20020818)   437606.01
3710728.36   40.73236 (20020818)
        437603.29   3710703.55   40.89393 (20020818)   437600.56
3710678.75   40.82697 (18020519)
        437597.83   3710653.94   40.96029 (18122506)   437595.10
3710629.13   41.36065 (18122507)
        437592.37   3710604.33   39.26113 (18122507)   437653.34
3710772.05   30.84533 (19021718)
        437648.23   3710796.40   29.37429 (19021718)   437643.13
3710820.74   29.90773 (19021521)

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        437638.02   3710845.09       33.18693  (19021521)                437632.92
3710869.44       35.95976  (18021903)
        437627.82   3710893.79       37.55866  (17122019)                437622.71
3710918.13       37.26316  (17122019)
        437617.61   3710942.48       37.05289  (18022222)                437612.50
3710966.83       36.50465  (18022222)
        437588.89   3711007.80       34.21155  (18122117)                437570.38
3711024.42       34.93972  (18122117)
        437551.87   3711041.04       34.90354  (20021618)                437533.36
3711057.66       35.30126  (19122917)
        437514.85   3711074.28       36.00751  (19122917)                437496.34
3711090.91       35.79679  (17010218)
        437477.84   3711107.53       34.44865  (18020618)                437459.33
3711124.15       26.82922  (20121907)
        437440.82   3711140.77       22.49974  (20082924)                437658.44
3710747.70       34.32105  (20020818)
        437655.71   3710722.89       36.46055  (20020818)                437652.99
3710698.09       36.53820  (20020818)
        437650.26   3710673.28       36.46482  (17012018)                437647.53
3710648.47       35.99832  (17012018)
        437644.80   3710623.67       35.74756  (18122507)                437642.07
3710598.86       31.25932  (18122507)
        437703.36   3710765.06       17.53941  (21101617)                437698.57
3710787.89       17.41226  (19040418)
        437693.79   3710810.71       18.45904  (19040418)                437689.00
3710833.54       19.19903  (19040418)
        437684.22   3710856.36       21.46261  (19021718)                437679.43
3710879.19       29.10765  (19021521)
        437674.64   3710902.01       32.95794  (18011920)                437669.86
3710924.84       34.42154  (17122019)
        437665.07   3710947.67       34.92560  (18021904)                437660.29
3710970.49       35.14674  (18022222)
        437655.50   3710993.32       34.59339  (18022222)                437633.36
3711031.73       32.24667  (17021107)
        437616.01   3711047.31       33.03157  (18122117)                437598.66
3711062.89       33.19344  (18122117)
        437581.31   3711078.47       33.19363  (20021618)                437563.96
3711094.06       33.84067  (19122917)
        437546.60   3711109.64       34.34243  (19122917)                437529.25
3711125.22       33.96223  (17010218)
        437511.90   3711140.81       32.56359  (18020618)                437494.55
3711156.39       28.66075  (18121718)
        437477.20   3711171.97       27.42559  (19040621)                437459.84
3711187.55       24.92220  (19071602)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	18.58864	(21101617)	437705.41	3710717.43	19.74468	(21101617)
437702.69	3710692.62	20.61474	(21101617)	437699.96	3710667.81	21.12917	(21101617)
437697.23	3710643.01	21.23010	(21101617)	437694.50	3710618.20	20.89106	(21101617)
437691.77	3710593.39	20.08935	(21101617)	437752.93	3710760.18	16.31383	(21101617)
437748.03	3710783.59	15.27559	(21101617)	437743.12	3710807.00	15.88202	(19040418)
437738.21	3710830.41	16.81204	(19040418)	437733.30	3710853.82	17.44015	(19040418)
437728.39	3710877.23	17.74384	(19040418)	437723.49	3710900.65	17.73248	(19040418)
437718.58	3710924.06	20.38247	(19020503)	437713.67	3710947.47	26.68276	(19022102)
437708.76	3710970.88	32.57217	(18021904)	437703.85	3710994.29	33.50946	(18022222)
437698.94	3711017.70	32.76389	(18022222)	437676.24	3711057.09	30.49005	(17021107)
437658.44	3711073.08	31.30278	(18122117)	437640.65	3711089.06	31.59553	(18122117)
437622.85	3711105.04	31.58177	(20021618)	437605.05	3711121.02	31.95976	(19122917)
437587.25	3711137.01	32.48213	(19122917)	437569.46	3711152.99	31.24011	(17010218)
437551.66	3711168.97	28.10539	(17010919)	437533.86			

3711184.95 25.43133 (18121718)
437516.07 3711200.93 24.98723 (20121907) 437498.27
3711216.92 27.50696 (19040621)
437480.47 3711232.90 29.98620 (19040621) 437757.84
3710736.77 17.11959 (21101617)
437755.11 3710711.96 17.96348 (21101617) 437752.39
3710687.15 18.52734 (21101617)
437749.66 3710662.35 18.78212 (21101617) 437746.93
3710637.54 18.69030 (21101617)
437744.20 3710612.73 18.25255 (21101617) 437741.47
3710587.93 17.49337 (21101617)
437852.14 3710750.18 14.04805 (21101617) 437847.03
3710774.53 13.40393 (21101617)
437841.93 3710798.88 12.57558 (21101617) 437836.83
3710823.23 12.52123 (19040418)
437831.72 3710847.57 13.44277 (19040418) 437826.62
3710871.92 14.15767 (19040418)
437821.51 3710896.27 14.60969 (19040418) 437816.41
3710920.62 14.78442 (19040418)
437811.30 3710944.96 14.67759 (19040418) 437806.20
3710969.31 14.30493 (19040418)
437801.09 3710993.66 13.66963 (19040418) 437795.99
3711018.01 13.86061 (19020503)
437790.88 3711042.35 19.81973 (19022102) 437785.78
3711066.70 26.04414 (18021904)
437762.17 3711107.67 27.77994 (18022219) 437743.66
3711124.29 28.04463 (18122117)
437725.15 3711140.91 28.67689 (18122117) 437706.64
3711157.53 28.80691 (18122117)
437688.13 3711174.16 28.33974 (17021119) 437669.62
3711190.78 26.11640 (18011921)
437651.11 3711207.40 25.78171 (17010919) 437632.60
3711224.02 25.71975 (17010919)
437614.10 3711240.64 25.90653 (18020618) 437595.59
3711257.26 25.86740 (18020618)
437577.08 3711273.89 23.77723 (20121907) 437558.57
3711290.51 22.69578 (17072004)
437540.06 3711307.13 27.02873 (19040621) 437521.55
3711323.75 31.21666 (19040621)
437857.24 3710725.84 14.47543 (21101617) 437854.52
3710701.03 14.90088 (21101617)
437851.79 3710676.22 15.10301 (21101617) 437849.06
3710651.42 15.05950 (21101617)
437846.33 3710626.61 14.77001 (21101617) 437843.60
3710601.80 14.25157 (21101617)
437840.87 3710577.00 13.51241 (21101617) 437951.68
3710738.57 12.06574 (21101617)
437946.72 3710762.25 11.74060 (21101617) 437941.76
3710785.92 11.26356 (21101617)
437936.79 3710809.59 10.65034 (21101617) 437931.83

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

  *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
  INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
  L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
  L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
  L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

  X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
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        437705.36   3711286.42       27.13069  (19122917)               437687.37
3711302.58       26.59168  (17010218)
        437669.37   3711318.74       27.24815  (21123118)               437651.38
3711334.90       27.76257  (18021605)
        437633.38   3711351.06       28.12306  (18021605)               437615.39
3711367.22       27.67071  (18021605)
        437597.39   3711383.38       27.39864  (21021319)               437579.40
3711399.54       27.07439  (17072004)
        437561.40   3711415.70       31.44205  (17072004)               437956.64
3710714.90       12.22725  (21101617)
        437953.92   3710690.10       12.39070  (21101617)               437951.19
3710665.29       12.37567  (21101617)
        437948.46   3710640.48       12.18583  (21101617)               437945.73
3710615.68       11.81821  (21101617)
        437943.00   3710590.87       11.28986  (21101617)               437940.27
3710566.06       10.61839  (21101617)
        438050.94   3710728.32       10.34448  (21101617)               438045.84
3710752.67       10.19893  (21101617)
        438040.73   3710777.01        9.91359  (21101617)               438035.63
3710801.36        9.51020  (21101617)
        438030.52   3710825.71        9.00232  (21101617)               438025.42
3710850.06        8.40299  (21101617)
        438020.31   3710874.40        8.64401  (19040418)               438015.21
3710898.75        9.32560  (19040418)
        438010.10   3710923.10        9.88933  (19040418)               438005.00
3710947.45       10.31080  (19040418)
        437999.90   3710971.79       10.56964  (19040418)               437994.79
3710996.14       10.64912  (19040418)
        437989.69   3711020.49       10.56573  (19040418)               437984.58
3711044.84       10.31362  (19040418)
        437979.48   3711069.18        9.93844  (19020503)               437974.37
3711093.53       10.14989  (19020503)
        437969.27   3711117.88       10.61052  (19020503)               437964.16
3711142.23       10.34746  (19020503)
        437959.06   3711166.57       10.37702  (19020503)               437935.45
3711207.54       12.73179  (18021904)
        437916.94   3711224.16       17.78515  (18021904)               437898.43
3711240.79       20.97481  (17021107)
        437879.92   3711257.41       24.15857  (18122117)               437861.41
3711274.03       24.27767  (18122117)
        437842.90   3711290.65       24.30780  (20021618)               437824.39
3711307.27       24.48299  (19122917)
        437805.88   3711323.89       25.15706  (19122917)               437787.37
3711340.52       25.27912  (19122917)
        437768.87   3711357.14       24.83340  (19122917)               437750.36
3711373.76       24.64842  (21123118)
        437731.85   3711390.38       25.24967  (21123118)               437713.34
3711407.00       25.55451  (18021605)
        437694.83   3711423.62       25.90669  (18021605)               437676.32
3711440.25       25.64064  (21122720)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437657.81	3711456.87	26.07826	(21021319)	437639.30	3711473.49	26.10389	(21021319)
437620.79	3711490.11	25.62377	(19012018)	437602.29	3711506.73	29.78276	(17072004)
438056.04	3710703.97	10.34036	(21101617)	438053.32	3710679.16	10.34359	(21101617)
438050.59	3710654.36	10.21786	(21101617)	438047.86	3710629.55	9.95942	(21101617)
438045.13	3710604.74	9.57807	(21101617)	438042.40	3710579.94	9.07798	(21101617)
438039.67	3710555.13	8.47861	(21101617)	438150.45	3710716.86	19.85346	(17012018)
438145.46	3710740.67	16.87448	(17012018)	438140.46	3710764.49	8.73823	(21101617)
438135.47	3710788.31	8.50800	(21101617)	438130.48	3710812.13	8.19750	(21101617)
438125.48	3710835.95	7.80824	(21101617)	438120.49	3710859.77	7.34189	(21101617)
438115.50	3710883.58	7.37316	(17012017)	438110.50	3710907.40	7.49665	(19040418)
438105.51	3710931.22	8.04854	(19040418)	438100.52			

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3710955.04        8.50914  (19040418)
        438095.52   3710978.86        8.86055  (19040418)                438090.53
3711002.67        9.09083  (19040418)
        438085.54   3711026.49        9.19189  (19040418)                438080.54
3711050.31        9.15504  (19040418)
        438075.55   3711074.13        8.98895  (19040418)                438070.55
3711097.95        9.01125  (19020503)
        438065.56   3711121.77        9.66432  (19020503)                438060.57
3711145.58        9.58913  (19020503)
        438055.57   3711169.40        9.45543  (19020503)                438050.58
3711193.22        9.89868  (19020503)
        438045.59   3711217.04       10.41183  (19020503)                438022.49
3711257.12       10.58985  (19020503)
        438004.38   3711273.38       10.86167  (18021904)                437986.27
3711289.64       12.53871  (18021904)
        437968.17   3711305.90       13.86860  (17122018)                437950.06
3711322.16       18.46094  (18122117)
        437931.95   3711338.42       21.90021  (17021119)                437913.85
3711354.68       22.59480  (17021119)
        437895.74   3711370.94       22.73171  (19122917)                437877.64
3711387.20       23.32357  (19122917)
        437859.53   3711403.46       23.45114  (19122917)                437841.42
3711419.72       23.10902  (19122917)
        437823.32   3711435.98       22.66199  (20101718)                437805.21
3711452.24       23.19443  (21123118)
        437787.10   3711468.50       23.48442  (21123118)                437769.00
3711484.76       23.81440  (18021605)
        437750.89   3711501.02       23.85688  (18021605)                437732.78
3711517.28       23.50233  (21122720)
        437714.68   3711533.54       23.86790  (21021319)                437696.57
3711549.80       23.92654  (21021319)
        437678.46   3711566.06       23.52247  (21021319)                437660.36
3711582.32       24.75108  (17072004)
        437642.25   3711598.58       27.84726  (17072004)                438155.45
3710693.04       22.73561  (18122506)
        438152.72   3710668.23       24.44771  (18122506)                438149.99
3710643.42       24.45307  (18122507)
        438147.26   3710618.62       23.91992  (18122507)                438144.53
3710593.81       19.81701  (18122507)
        438141.80   3710569.00       16.18829  (18122507)                438139.08
3710544.20       13.19255  (18122507)
        438249.74   3710706.45       21.07086  (19021618)                438244.64
3710730.80       22.26500  (21092420)
        438239.53   3710755.15       23.28074  (19012101)                438234.43
3710779.50       23.06566  (19012101)
        438229.32   3710803.84       20.97464  (20020818)                438224.22
3710828.19       18.02806  (20020818)
        438219.11   3710852.54       11.22976  (20020818)                438214.01
3710876.89        6.34296  (21101617)
        438208.91   3710901.23        6.57666  (17012017)                438203.80
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3710925.58   8.06033 (17012017)
        438198.70   3710949.93   9.39547 (19021718)   438193.59
3710974.28   10.02085 (19021718)
        438188.49   3710998.62   10.49598 (19021718)   438183.38
3711022.97   11.00026 (19021718)
        438178.28   3711047.32   9.73586 (19021718)   438173.17
3711071.67   9.20153 (19020503)
        438168.07   3711096.01   9.32345 (19020503)   438162.96
3711120.36   9.76064 (19020503)
        438157.86   3711144.71   11.19588 (19020503)   438152.76
3711169.06   11.86793 (19020503)
        438147.65   3711193.40   12.14030 (19020503)   438142.55
3711217.75   11.84687 (19020503)
        438137.44   3711242.10   11.28718 (19020503)   438132.34
3711266.45   10.84803 (19020503)
        438108.72   3711307.41   10.71481 (18021904)   438090.22
3711324.04   11.87724 (18021904)
        438071.71   3711340.66   12.97977 (18021904)   438053.20
3711357.28   13.33667 (18122502)
        438034.69   3711373.90   16.07768 (18122117)   438016.18
3711390.52   19.70012 (18122117)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        437997.67   3711407.14       20.94848  (17021119)               437979.16
3711423.77       20.90625  (17021119)
        437960.65   3711440.39       21.40294  (19122917)               437942.14
3711457.01       21.81666  (19122917)
        437923.64   3711473.63       21.78807  (19122917)               437905.13
3711490.25       21.32109  (19122917)
        437886.62   3711506.87       21.06237  (20040220)               437868.11
3711523.50       21.59621  (21123118)
        437849.60   3711540.12       21.71595  (21123118)               437831.09
3711556.74       22.02039  (18021605)
        437812.58   3711573.36       22.09869  (18021605)               437794.07
3711589.98       21.81374  (21122720)
        437775.56   3711606.60       22.10087  (21021319)               437757.06
3711623.23       22.24205  (21021319)
        437738.55   3711639.85       21.89899  (21021319)               437720.04
3711656.47       22.09575  (19012018)
        437701.53   3711673.09       24.51105  (17072004)               437683.02
3711689.71       27.08369  (17072004)
        438254.85   3710682.11       19.84992  (19080520)               438252.12
3710657.30       19.35407  (17012318)
        438249.39   3710632.49       19.77170  (21090924)               438246.66
3710607.69       20.69310  (21090924)
        438243.93   3710582.88       20.95139  (19121517)               438241.20
3710558.07       21.15611  (21021818)
        438238.48   3710533.27       21.39006  (18122504)               438349.23
3710695.09       18.14530  (19080520)
        438344.22   3710719.00       17.60470  (19080520)               438339.21
3710742.91       17.91238  (21092420)
        438334.19   3710766.82       19.24538  (17121917)               438329.18
3710790.74       20.91740  (17121917)
        438324.17   3710814.65       21.48207  (17121917)               438319.15
3710838.56       21.31009  (20020818)
        438314.14   3710862.47       20.95222  (20020818)               438309.13
3710886.39       19.63318  (20020818)
        438304.11   3710910.30       17.37640  (20020818)               438299.10
3710934.21       12.68443  (19021718)
        438294.09   3710958.13        5.91395  (17012017)               438289.07
3710982.04        5.92408  (19040418)
        438284.06   3711005.95        8.62732  (19021718)               438279.05
3711029.86       11.25597  (19021718)
        438274.03   3711053.78       11.44093  (19021718)               438269.02
3711077.69       11.60175  (19021718)
        438264.01   3711101.60       11.61471  (19021718)               438258.99
3711125.51       11.55491  (19021521)
        438253.98   3711149.43       10.67443  (19020503)               438248.97
3711173.34       10.67156  (19020503)
        438243.95   3711197.25       11.86387  (19022102)               438238.94
3711221.17       12.87243  (19022102)
        438233.93   3711245.08       12.65195  (19022102)               438228.91
3711268.99       10.50708  (19020503)
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        438223.90   3711292.90        9.30786  (19020503)                438218.89
3711316.82        9.87318  (19020503)
        438195.69   3711357.05       12.39974  (18021904)                438177.52
3711373.38       14.02427  (18021904)
        438159.34   3711389.70       15.41037  (18122502)                438141.16
3711406.03       17.25583  (17021107)
        438122.98   3711422.35       17.77759  (18122117)                438104.80
3711438.68       18.44859  (18122117)
        438086.62   3711455.00       18.69518  (17021119)                438068.45
3711471.33       19.20057  (17021119)
        438050.27   3711487.65       19.24330  (17021119)                438032.09
3711503.98       19.61427  (19122917)
        438013.91   3711520.30       20.12279  (19122917)                437995.73
3711536.63       20.21161  (19122917)
        437977.55   3711552.95       19.89552  (19122917)                437959.38
3711569.28       19.62793  (17010218)
        437941.20   3711585.60       19.63880  (21123118)                437923.02
3711601.93       19.96094  (21123118)
        437904.84   3711618.25       20.20470  (18021605)                437886.66
3711634.58       20.52383  (18021605)
        437868.48   3711650.90       20.46410  (18021605)                437850.31
3711667.23       20.23018  (21122720)
        437832.13   3711683.55       20.47772  (21021319)                437813.95
3711699.88       20.53405  (21021319)
        437795.77   3711716.20       20.21058  (21021319)                437777.59
3711732.53       20.23403  (19012018)
        437759.41   3711748.85       22.08287  (17072004)                437741.24
3711765.17       24.60198  (17072004)
        437723.06   3711781.50       26.61219  (17072004)                438354.25
3710671.17       18.96823  (17012318)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	19.72146	(17012318)	438348.79	3710621.56	20.55416	(21090924)
438346.06	3710596.75	21.30458	(18122503)	438343.33	3710571.95	21.38929	(18122503)
438340.61	3710547.14	21.00994	(19121517)	438337.88	3710522.33	20.90478	(18120117)
438448.54	3710684.59	19.76875	(19021618)	438443.44	3710708.94	19.04826	(19021618)
438438.33	3710733.28	17.85736	(17080121)	438433.23	3710757.63	17.04837	(21092420)
438428.12	3710781.98	16.78967	(17121917)	438423.02	3710806.33	16.90922	(17121917)
438417.92	3710830.67	17.55653	(17010518)	438412.81	3710855.02	19.21244	(17010518)
438407.71	3710879.37	19.92368	(17010518)	438402.60	3710903.72	20.31052	(21010117)
438397.50	3710928.06	20.40513	(21010117)	438392.39	3710952.41	20.06378	(18021902)
438387.29	3710976.76	18.96728	(18021902)	438382.18	3711001.11	15.14851	(17022318)
438377.08	3711025.45	5.50343	(17012017)	438371.97	3711049.80	6.72078	(19021718)
438366.87	3711074.15	9.89117	(19021718)	438361.77	3711098.50	9.66948	(19021718)
438356.66	3711122.84	9.07040	(19021718)	438351.56	3711147.19	11.13414	(19021521)
438346.45	3711171.54	11.40528	(19021521)	438341.35	3711195.89	10.83830	(17022218)
438336.24	3711220.23	10.07214	(19020503)	438331.14	3711244.58	10.18678	(19020503)
438326.03	3711268.93	10.84189	(19022102)	438320.93	3711293.28	11.40035	(19022102)
438315.83	3711317.62	11.86614	(19022102)	438310.72	3711341.97	12.23678	(18021904)
438305.62	3711366.32	11.66713	(18021904)	438282.00	3711407.29	12.69371	(18021904)
438263.49	3711423.91	14.33867	(18021904)	438244.98	3711440.53	15.07293	(19020519)
438226.48	3711457.15	15.95520	(17021107)	438207.97	3711473.77	16.24176	(17021107)
438189.46	3711490.40	16.66525	(18122117)	438170.95			

3711507.02   17.27956 (18122117)
        438152.44   3711523.64   17.62076 (17021119)   438133.93
3711540.26   17.67759 (17021119)
        438115.42   3711556.88   17.52892 (17021119)   438096.91
3711573.50   18.14909 (19122917)
        438078.41   3711590.13   18.63227 (19122917)   438059.90
3711606.75   18.65959 (19122917)
        438041.39   3711623.37   18.46962 (17010218)   438022.88
3711639.99   18.21389 (17010218)
        438004.37   3711656.61   18.36655 (21123118)   437985.86
3711673.23   18.64281 (21123118)
        437967.35   3711689.86   18.86990 (18021605)   437948.84
3711706.48   19.16095 (18021605)
        437930.33   3711723.10   19.10566 (18021605)   437911.83
3711739.72   18.84727 (21122720)
        437893.32   3711756.34   19.01262 (21021319)   437874.81
3711772.96   19.12751 (21021319)
        437856.30   3711789.58   18.89477 (21021319)   437837.79
3711806.21   18.65503 (19012018)
        437819.28   3711822.83   19.38453 (17072004)   437800.77
3711839.45   21.91451 (17072004)
        437782.26   3711856.07   24.04430 (17072004)   437763.75
3711872.69   25.66573 (17072004)
        438453.65   3710660.24   20.11380 (17021619)   438450.92
3710635.43   20.40692 (18122503)
        438448.19   3710610.63   20.69972 (18122503)   438445.46
3710585.82   20.56975 (18122503)
        438442.73   3710561.01   19.78334 (18122503)   438440.01
3710536.21   19.46371 (18122504)
        438437.28   3710511.40   18.99723 (18122504)   438548.02
3710673.29   18.67305 (17021619)
        438542.99   3710697.27   18.80626 (19021618)   438537.97
3710721.24   18.56223 (19021618)
        438532.94   3710745.22   17.65282 (21092420)   438527.91
3710769.20   16.69058 (21092420)
        438522.88   3710793.18   16.05123 (17121917)   438517.86
3710817.16   15.68911 (17121917)
        438512.83   3710841.14   15.39790 (17121917)   438507.80
3710865.12   15.80790 (17010518)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911

, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        438204.87   3711604.30       16.07100  (17021119)                438186.64
3711620.67       16.15076  (17021119)
        438168.41   3711637.04       16.86678  (19122917)                438150.18
3711653.41       17.45635  (19122917)
        438131.95   3711669.78       17.62805  (19122917)                438113.72
3711686.15       17.44357  (17010218)
        438095.50   3711702.52       17.28595  (17010218)                438077.27
3711718.89       17.32217  (21123118)
        438059.04   3711735.26       17.81884  (21123118)                438040.81
3711751.63       17.97924  (21123118)
        438022.58   3711768.00       18.05858  (17021106)                438004.35
3711784.37       18.25306  (18021605)
        437986.13   3711800.74       18.12247  (18021605)                437967.90
3711817.11       18.06053  (21122720)
        437949.67   3711833.48       18.30854  (21021319)                437931.44
3711849.85       18.44556  (21021319)
        437913.21   3711866.22       18.20367  (21021319)                437894.98
3711882.59       17.80328  (19012018)
        437876.75   3711898.96       18.01352  (19012018)                437858.53
3711915.33       19.44884  (17072004)
        437840.30   3711931.70       21.78601  (17072004)                437822.07
3711948.07       23.58429  (17072004)
        437803.84   3711964.44       24.85721  (17072004)                438553.05
3710649.31       18.66934  (17021619)
        438550.32   3710624.50       17.93319  (21090924)                438547.59
3710599.69       16.51775  (21090924)
        438544.86   3710574.89       15.44473  (19121517)                438542.13
3710550.08       15.04130  (21021818)
        438539.41   3710525.27       14.93000  (18122504)                438536.68
3710500.47       15.06243  (19121418)
        438647.34   3710662.72       15.96214  (17012318)                438642.24
3710687.07       16.76070  (17012318)
        438637.13   3710711.42       17.47927  (19021618)                438632.03
3710735.77       17.57386  (19021618)
        438626.93   3710760.11       17.50216  (21092420)                438621.82
3710784.46       17.25553  (17121917)
        438616.72   3710808.81       16.39150  (17121917)                438611.61
3710833.16       15.16812  (17121917)
        438606.51   3710857.50       14.36763  (17121917)                438601.40
3710881.85       14.54558  (17010518)
        438596.30   3710906.20       15.30541  (17010518)                438591.19
3710930.55       16.40848  (18100919)
        438586.09   3710954.89       18.09851  (21010117)                438580.99
3710979.24       17.95096  (21010117)
        438575.88   3711003.59       16.72248  (18021902)                438570.78
3711027.94       15.54904  (18021902)
        438565.67   3711052.28       14.66533  (17022318)                438560.57
3711076.63       13.00487  (19021521)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	12.03250	(19021521)	438550.36	3711125.33	11.01889	(19021718)
438545.25	3711149.67	9.64397	(19021718)	438540.15	3711174.02	7.54869	(19021718)
438535.04	3711198.37	5.70593	(19020503)	438529.94	3711222.72	8.11494	(19021718)
438524.84	3711247.06	10.60560	(18022218)	438519.73	3711271.41	11.51925	(18011920)
438514.63	3711295.76	11.68097	(18011920)	438509.52	3711320.11	11.98829	(18011920)
438504.42	3711344.45	12.10670	(18011920)	438499.31	3711368.80	11.72466	(19020522)
438494.21	3711393.15	11.38233	(19022102)	438489.10	3711417.50	11.71935	(18021904)
438484.00	3711441.84	11.86999	(18021904)	438478.89	3711466.19	11.70672	(18021904)
438455.28	3711507.16	10.96691	(18021904)	438436.77	3711523.78	10.54154	(18021904)
438418.26	3711540.40	10.06728	(18021904)	438399.75	3711557.02	9.74370	(18021904)
438381.25	3711573.65	10.83152	(18122502)	438362.74	3711590.27	13.39959	(17021107)
438344.23	3711606.89	15.14344	(18122117)	438325.72			

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3711623.51       15.66662  (18122117)
        438307.21   3711640.13       15.59945  (17021119)                438288.70
3711656.75       15.65589  (17021119)
        438270.19   3711673.38       15.48445  (17021119)                438251.68
3711690.00       15.33812  (19122917)
        438233.17   3711706.62       15.84718  (19122917)                438214.67
3711723.24       16.21823  (19122917)
        438196.16   3711739.86       16.28060  (19122917)                438177.65
3711756.48       16.33948  (17010218)
        438159.14   3711773.11       16.18400  (17010218)                438140.63
3711789.73       16.39109  (21123118)
        438122.12   3711806.35       16.83823  (21123118)                438103.61
3711822.97       16.94806  (21123118)
        438085.10   3711839.59       17.03072  (17021106)                438066.60
3711856.21       17.20736  (18021605)
        438048.09   3711872.84       17.10009  (18021605)                438029.58
3711889.46       17.02107  (21122720)
        438011.07   3711906.08       17.18530  (21021319)                437992.56
3711922.70       17.36871  (21021319)
        437974.05   3711939.32       17.19759  (21021319)                437955.54
3711955.94       16.69253  (21021319)
        437937.03   3711972.57       16.77438  (19012018)                437918.52
3711989.19       17.21047  (17072004)
        437900.02   3712005.81       19.54533  (17072004)                437881.51
3712022.43       21.46670  (17072004)
        437863.00   3712039.05       22.88083  (17072004)                437844.49
3712055.67       23.67044  (17072004)
        438652.45   3710638.38       15.18791  (21090924)                438649.72
3710613.57       14.69183  (21090924)
        438646.99   3710588.76       14.33964  (18122503)                438644.26
3710563.96       14.07169  (19121517)
        438641.54   3710539.15       14.07137  (18122504)                438638.81
3710514.34       14.18300  (18122504)
        438636.08   3710489.54       14.51836  (19121418)                438746.81
3710651.47       13.78494  (21090924)
        438741.77   3710675.50       14.22394  (17012318)                438736.74
3710699.52       14.50653  (17012318)
        438731.70   3710723.55       15.11761  (19021618)                438726.66
3710747.58       15.65941  (17080121)
        438721.62   3710771.61       16.34981  (21092420)                438716.59
3710795.63       16.50507  (17121917)
        438711.55   3710819.66       16.37770  (17121917)                438706.51
3710843.69       15.44093  (17121917)
        438701.48   3710867.71       14.46061  (17121917)                438696.44
3710891.74       14.32634  (17010518)
        438691.40   3710915.77       14.84432  (17010518)                438686.36
3710939.80       15.64630  (17010518)
        438681.33   3710963.82       16.55270  (21010117)                438676.29
3710987.85       17.34980  (21010117)
        438671.25   3711011.88       17.10451  (20123124)                438666.21
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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        438542.16   3711556.88        8.57463  (18021904)               438523.90
3711573.28        8.99480  (18021904)
        438505.63   3711589.68        9.45308  (18021904)               438487.37
3711606.09        9.91091  (18021904)
        438469.10   3711622.49       11.46970  (17021107)               438450.84
3711638.89       13.68130  (17021107)
        438432.57   3711655.29       14.26964  (18122117)               438414.31
3711671.70       14.87043  (18122117)
        438396.04   3711688.10       14.97777  (18122117)               438377.78
3711704.50       15.33349  (17021119)
        438359.51   3711720.91       15.43953  (17021119)               438341.25
3711737.31       15.27951  (17012118)
        438322.98   3711753.71       15.60103  (19122917)               438304.71
3711770.12       15.98259  (19122917)
        438286.45   3711786.52       16.11045  (19122917)               438268.18
3711802.92       15.99172  (19122917)
        438249.92   3711819.32       15.63011  (19122917)               438231.65
3711835.73       15.49203  (20101718)
        438213.39   3711852.13       15.54594  (20040220)               438195.12
3711868.53       15.78982  (21123118)
        438176.86   3711884.94       16.00123  (21123118)               438158.59
3711901.34       15.97861  (21123118)
        438140.33   3711917.74       16.18437  (18021605)               438122.06
3711934.14       16.27035  (18021605)
        438103.80   3711950.55       16.08909  (18021605)               438085.53
3711966.95       16.08576  (21122720)
        438067.27   3711983.35       16.26326  (21021319)               438049.00
3711999.76       16.38398  (21021319)
        438030.73   3712016.16       16.03253  (21021319)               438012.47
3712032.56       15.58849  (21021319)
        437994.20   3712048.97       15.77942  (19012018)               437975.94
3712065.37       16.02049  (19012018)
        437957.67   3712081.77       16.86914  (17072004)               437939.41
3712098.17       18.48552  (17072004)
        437921.14   3712114.58       20.30770  (17072004)               437902.88
3712130.98       21.97125  (17072004)
        437884.61   3712147.38       22.30191  (17072004)               438751.85
3710627.44       13.45133  (18122503)
        438749.12   3710602.64       13.34102  (18122503)               438746.39
3710577.83       13.10907  (18122503)
        438743.66   3710553.02       12.97781  (19121517)               438740.94
3710528.22       13.01817  (18122504)
        438738.21   3710503.41       13.12064  (19121418)               438735.48
3710478.60       13.32616  (18052002)
        437306.53   3710616.73       69.56027  (21101617)               437313.98
3710595.52       67.37228  (21101617)
        437321.42   3710574.31       64.29949  (21101617)               437361.16
3710612.07       56.51095  (21101617)
        437368.60   3710590.86       55.54140  (18122507)               437415.78
3710607.42       54.71486  (18122503)
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        437433.19   3710708.81       48.53014  (20012117)               437480.37
3710725.37       46.19389  (21010117)
        437582.17   3710737.27       41.74720  (20020818)               437676.53
3710770.38       21.90128  (19021718)
        437683.97   3710749.17       22.86196  (19021718)               437716.27
3710808.14       17.22710  (19040418)
        437723.71   3710786.93       16.04354  (19040418)               438595.27
3711021.29       16.95095  (18021902)
        438674.75   3711096.83       16.88850  (20012117)               438682.19
3711075.62       16.73056  (20012117)
        437329.33   3710551.33       59.53073  (21101617)               437337.14
3710528.63       57.82067  (19012102)
        437344.96   3710505.93       55.81370  (19012102)               437352.77
3710483.23       53.83817  (17012019)
        437376.61   3710567.60       54.10331  (18122507)               437384.42
3710544.90       50.33090  (18122507)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437392.23   3710522.20       48.43766  (19012102)               437400.05
3710499.51       45.51185  (19012102)
        437423.89   3710583.87       54.28076  (18122507)               437431.70
3710561.17       52.33137  (18122507)
        437439.51   3710538.48       47.15153  (18122507)               437447.32
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3710515.78 40.35447 (19012102)
437471.16 3710600.14 50.48500 (18122503) 437478.98
3710577.45 49.48437 (18122507)
437486.79 3710554.75 40.51423 (18122507) 437494.60
3710532.05 29.51368 (21101617)
437518.44 3710616.42 47.20255 (18122507) 437526.25
3710593.72 46.84111 (18122507)
437534.07 3710571.02 42.32298 (18122507) 437541.88
3710548.33 27.04845 (21101617)
437589.16 3710564.60 24.78578 (21101617) 437620.81
3710626.27 39.07554 (18122507)
437723.18 3710636.11 19.74831 (21101617) 437770.46
3710652.39 17.87809 (21101617)
437778.27 3710629.69 17.25895 (21101617) 437872.82
3710662.24 14.43055 (21101617)
438345.60 3710824.97 20.87486 (17010518) 438432.34
3710880.21 19.53081 (17010518)
438440.16 3710857.51 18.59438 (17010518) 438511.27
3710958.15 17.90954 (20123124)
438519.09 3710935.45 16.36316 (18020521) 438526.90
3710912.76 15.53125 (18100919)
438534.71 3710890.06 15.21885 (17010518) 438605.83
3710990.70 17.16470 (18021902)
438613.64 3710968.00 17.99784 (21010117) 438621.46
3710945.30 17.21476 (21010117)
438629.27 3710922.61 15.90926 (17010518) 438692.57
3711045.94 15.46499 (17052903)
438700.39 3711023.24 15.92289 (20123124) 438708.20
3711000.55 16.59592 (21010117)
438716.01 3710977.85 16.14117 (21010117) 438723.82
3710955.15 15.10767 (18100919)
437354.00 3710454.83 53.37576 (19021721) 437343.58
3710413.15 43.16925 (19021722)
437401.68 3710461.64 37.17007 (21122603) 437397.29
3710421.87 37.14573 (21012507)
437450.09 3710451.88 25.80452 (21021017) 437445.80
3710409.74 26.17510 (21021017)
437498.70 3710437.39 21.62388 (21021017) 437497.06
3710475.25 23.31988 (18121016)
437494.31 3710397.61 21.92409 (21021017) 437547.15
3710426.61 18.36303 (21021017)
437545.39 3710467.18 20.07683 (18121016) 437543.64
3710507.75 22.18065 (21101617)
437542.82 3710385.49 18.68899 (21021017) 437595.61
3710415.50 15.77143 (21021017)
437593.77 3710458.10 17.39848 (18121016) 437591.92
3710500.70 18.98231 (18121016)
437591.32 3710373.36 16.10008 (21021017) 437644.18
3710401.95 13.71811 (21021017)
437642.46 3710441.71 14.85311 (18121016) 437640.74

3710481.47   16.42944 (18121016)
        437639.02   3710521.23   18.03623 (21101617)   437637.29
3710560.99   21.26298 (21101617)
        437639.83   3710361.23   14.01584 (21021017)   437692.65
3710390.60   11.98450 (21021017)
        437690.86   3710431.91   13.03639 (18121016)   437689.08
3710473.22   14.52794 (18121016)
        437687.29   3710514.53   15.37202 (21101617)   437685.50
3710555.84   18.36314 (21101617)
        437688.34   3710349.11   12.28995 (21021017)   437741.13
3710379.12   10.55666 (21021017)
        437739.29   3710421.72   11.50862 (18121016)   437737.44
3710464.32   12.91351 (18121016)
        437735.60   3710506.92   13.51079 (18121016)   437733.76
3710549.52   15.89765 (21101617)
        437736.84   3710336.98   10.84485 (21021017)   437789.68
3710365.98   9.35841 (21021017)
        437787.93   3710406.55   10.02625 (18121016)   437786.17
3710447.12   11.33023 (18121016)
        437784.41   3710487.69   12.05163 (18121016)   437782.66
3710528.26   13.00418 (21101617)
        437780.90   3710568.83   15.12929 (21101617)   437785.35
3710324.85   9.62973 (21021017)
        437886.65   3710342.74   7.75995 (21122408)   437884.81
3710385.34   7.99374 (18121016)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.97	3710427.94	9.13039	(18121016)	437881.12	3710470.54	9.81216	(18121016)
437879.28	3710513.14	9.94089	(18121016)	437877.43	3710555.74	11.70087	(21101617)
437875.59	3710598.34	13.20238	(21101617)	437882.37	3710300.60	7.74435	(21021017)
437983.68	3710318.11	6.72393	(21122408)	437981.87	3710359.96	6.64501	(21122408)
437980.06	3710401.82	7.34767	(18121016)	437978.25	3710443.67	8.01759	(18121016)
437976.44	3710485.52	8.30601	(18121016)	437974.63	3710527.37	8.65568	(21101617)
437972.81	3710569.23	10.04904	(21101617)	437971.00	3710611.08	11.15240	(21101617)
437979.38	3710276.35	14.10246	(19021721)	438080.71	3710293.59	25.14276	(19040519)
438078.92	3710334.89	20.99347	(18012018)	438077.13	3710376.20	6.05917	(21122408)
438075.35	3710417.51	6.60316	(18121016)	438073.56	3710458.82	6.94376	(18121016)
438071.77	3710500.13	6.96409	(18121016)	438069.98	3710541.44	7.66495	(21101617)
438068.19	3710582.75	8.71059	(21101617)	438076.39	3710252.09	25.45520	(17020718)
438177.70	3710269.98	23.17517	(19040519)	438175.85	3710312.58	22.67410	(21072606)
438174.01	3710355.18	23.10597	(19070606)	438172.16	3710397.78	24.20092	(18021618)
438170.32	3710440.38	20.80792	(19022103)	438168.48	3710482.98	19.49451	(19022103)
438166.63	3710525.58	18.12876	(18122507)	438164.79	3710568.18	19.74306	(18122507)
438173.41	3710227.84	23.96551	(18122505)	438274.72	3710245.46	20.24472	(18012018)
438272.90	3710287.54	20.43943	(21121419)	438271.08	3710329.61	21.89686	(19012024)
438269.26	3710371.68	22.53432	(18021618)	438267.44	3710413.76	21.83493	(20122117)
438265.62	3710455.83	20.67350	(20062006)	438263.79	3710497.90	20.33038	(18031507)
438261.97	3710539.98	19.97047	(17021822)	438270.42	3710203.58	20.00375	(18122505)
438371.75	3710221.00	19.62995	(18012018)	438369.94	3710262.65	19.97106	(21121419)
438368.14	3710304.30	20.42416	(19012024)	438366.34	3710345.96	20.54577	(19012024)

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        438364.53   3710387.61       20.03280  (18021618)               438362.73
3710429.26       19.78443  (20122117)
        438360.93   3710470.92       20.33741  (19022103)               438359.12
3710512.57       20.47515  (19022103)
        438367.44   3710179.33       19.50893  (18122505)               438468.74
3710197.22       18.66789  (18012018)
        438466.89   3710239.82       18.97357  (21121419)               438465.05
3710282.42       19.21211  (19012024)
        438463.21   3710325.02       19.62954  (19012024)               438461.36
3710367.62       18.68276  (20051819)
        438459.52   3710410.22       17.70561  (20062006)               438457.67
3710452.82       17.09775  (18031507)
        438455.83   3710495.42       17.53337  (18052002)               438464.45
3710155.08       18.62028  (17020718)
        438565.76   3710172.76       17.03185  (18042222)               438563.94
3710214.95       17.99339  (21121420)
        438562.11   3710257.15       18.04935  (21121419)               438560.28
3710299.34       17.97745  (19012024)
        438558.46   3710341.54       18.35239  (18021618)               438556.63
3710383.73       18.41791  (20122117)
        438554.80   3710425.92       17.30850  (18031507)               438552.98
3710468.12       16.04126  (18031507)
        438536.54   3710847.87       14.82951  (17121917)               438561.47
3710130.82       15.86126  (21081321)
        438662.78   3710148.34       14.46549  (18041601)               438660.97
3710190.19       15.86335  (21072606)
        438659.16   3710232.04       16.77710  (21121420)               438657.35
3710273.89       16.69629  (19070606)
        438655.54   3710315.75       15.76426  (20051819)               438653.73
3710357.60       15.43437  (20122117)
        438651.91   3710399.45       15.88229  (20062006)               438650.10
3710441.30       15.62083  (18031507)
        438631.99   3710859.83       14.40535  (17121917)               438658.48
3710106.57       14.99980  (21081321)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
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L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	13.45885	(18041601)	438757.94	3710167.06	13.55578	(21072606)
438756.09	3710209.66	14.47940	(19070606)	438754.25	3710252.26	15.41695	(19070606)
438752.41	3710294.86	15.34334	(20051819)	438750.56	3710337.46	14.66322	(20122117)
438748.72	3710380.05	14.01654	(20062006)	438746.87	3710422.65	13.84454	(18031507)
438728.43	3710848.65	15.11129	(17121917)	438726.59	3710891.25	13.82204	(17010518)
438755.49	3710082.32	13.83525	(21081321)	437346.05	3710385.82	34.33322	(21021017)
437396.03	3710387.04	40.08934	(19012105)	437446.52	3710367.92	24.02738	(21021017)
437496.50	3710369.14	20.90788	(21021017)	437995.36	3710422.03	7.52123	(18121016)
437996.35	3710381.35	6.77240	(18121016)	438094.83	3710444.81	6.63544	(18121016)
438095.82	3710404.13	6.27238	(18121016)	438194.80	3710447.25	23.39324	(20122117)
438195.80	3710406.57	23.57025	(18021618)	438294.77	3710449.69	21.87180	(20122117)
438295.77	3710409.01	22.07051	(20122117)	438394.74	3710452.13	20.28921	(18031507)
438395.74	3710411.45	20.76375	(20122117)	438494.71	3710454.57	15.92043	(18031507)
438495.71	3710413.89	17.15867	(20062006)	438594.68	3710457.01	16.24070	(18031507)
438595.68	3710416.33	17.06569	(18031507)	438694.65	3710459.46	14.28101	(18031507)
438695.65	3710418.78	14.94207	(18031507)	438794.62	3710461.90	12.74025	(18120117)
438795.62	3710421.22	13.04300	(18031507)	437341.85	3710350.28	38.22718	(20041418)
437325.75	3710319.20	46.24584	(20041418)	437302.93	3710287.45	52.60622	(20041418)
437382.46	3710321.10	31.73482	(20041418)	437391.84			

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3710351.50       39.56252  (19021722)
        437366.35   3710290.02       38.41195  (20041418)               437343.53
3710258.27       43.47125  (20041418)
        437424.00   3710294.96       25.97276  (20041418)               437435.26
3710331.44       21.97974  (21012518)
        437406.96   3710260.84       32.47295  (20041418)               437384.14
3710229.09       36.47985  (20041418)
        437464.33   3710264.91       22.07344  (20041418)               437475.05
3710299.66       18.03564  (19012817)
        437485.78   3710334.40       19.45684  (21021017)               437447.56
3710231.67       27.55027  (20041418)
        437424.74   3710199.91       31.00737  (20041418)               437504.78
3710235.25       18.91415  (20041418)
        437515.21   3710269.03       15.52493  (19012817)               437525.64
3710302.81       15.98909  (21021017)
        437536.06   3710336.58       17.54200  (21021017)               437488.16
3710202.49       23.60637  (20041418)
        437465.34   3710170.73       26.63290  (20041418)               437545.80
3710207.42       16.22875  (20041418)
        437557.06   3710243.90       13.43195  (21012518)               437568.32
3710280.38       14.20518  (21012518)
        437579.58   3710316.86       15.15616  (21021017)               437528.76
3710173.31       20.22097  (20041418)
        437505.94   3710141.55       23.09024  (20041418)               437586.25
3710177.74       14.17455  (20041418)
        437597.20   3710213.20       11.95246  (21012518)               437608.14
3710248.67       12.71626  (21012518)
        437619.09   3710284.14       13.05690  (21012518)               437630.04
3710319.60       13.69127  (21021017)
        437569.37   3710144.13       17.46263  (20041418)               437546.55
3710112.37       20.16835  (20041418)
        437626.74   3710148.20       12.46377  (20041418)               437637.46
3710182.94       10.72231  (21012518)
        437648.19   3710217.68       11.44825  (21012518)               437658.91
3710252.42       11.85557  (21012518)
        437669.63   3710287.17       11.89251  (21012518)               437680.36
3710321.91       12.27209  (21021017)
        437609.97   3710114.95       15.22067  (20041418)               437587.15
3710083.19       17.74443  (20041418)
        437667.61   3710119.88       10.95790  (20041418)               437678.87
3710156.36        9.75864  (21012518)
        437690.13   3710192.84       10.45266  (21012518)               437701.39
3710229.32       10.85660  (21012518)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437712.65	3710265.80	10.91863	(21012518)	437723.91	3710302.28	10.89407	(21021017)
437650.57	3710085.77	13.42186	(20041418)	437627.75	3710054.01	15.70565	(20041418)
437708.10	3710090.35	9.75701	(20041418)	437719.14	3710126.11	8.85598	(21012518)
437730.18	3710161.88	9.50413	(21012518)	437741.22	3710197.64	9.91518	(21012518)
437752.26	3710233.41	10.07579	(21012518)	437763.30	3710269.17	9.94502	(21012518)
437774.33	3710304.94	9.79805	(21021017)	437691.17	3710056.59	11.91119	(20041418)
437668.35	3710024.83	13.97371	(20041418)	437789.42	3710032.35	7.84802	(21020617)
437800.68	3710068.83	7.44111	(21012518)	437811.94	3710105.31	8.03223	(21012518)
437823.20	3710141.79	8.43934	(21012518)	437834.46	3710178.27	8.61860	(21012518)
437845.71	3710214.75	8.61073	(21012518)	437856.97	3710251.23	8.40643	(21012518)
437772.38	3709998.23	9.52025	(20041418)	437749.56	3709966.48	11.21104	(20041418)
437870.70	3709974.25	6.52275	(21020617)	437882.13	3710011.26	6.39851	(21012518)
437893.55	3710048.27	6.90635	(21012518)	437904.97	3710085.28	7.28977	(21012518)
437916.39	3710122.29	7.65371	(21012518)	437927.82	3710159.30	13.57844	(21012507)

```
        437939.24   3710196.30       14.92706  (19012105)              437950.66
3710233.31       13.97148  (19021721)
        437853.58   3709939.87        7.74464  (20041418)              437830.76
3709908.12        9.14202  (20041418)
        437951.76   3709915.40        5.54936  (21020617)              437962.88
3709951.43        5.58465  (21012518)
        437974.00   3709987.46        5.95168  (21012518)              437985.12
3710023.49        7.17372  (21012518)
        437996.24   3710059.52       10.06532  (19021722)              438007.36
3710095.55       13.04729  (19012105)
        438018.48   3710131.58       17.94717  (19012103)              438029.60
3710167.61       21.36089  (21020718)
        438040.72   3710203.64       24.66152  (18122505)              438051.84
3710239.67       26.50151  (18122505)
        438062.96   3710275.70       26.04181  (18122505)              437934.79
3709881.51        6.38736  (20041418)
        437911.97   3709849.76        7.56239  (20041418)              438033.03
3709857.27        4.72441  (21020617)
        438044.29   3709893.75        6.35568  (19021722)              438055.55
3709930.23       13.49746  (17012020)
        438066.81   3709966.71       19.18337  (17012020)              438078.07
3710003.19       20.21991  (17012020)
        438089.33   3710039.67       20.30460  (19012103)              438100.59
3710076.15       20.84490  (19012103)
        438111.85   3710112.63       24.13974  (21020718)              438123.11
3710149.11       24.03644  (20090920)
        438134.37   3710185.59       24.51256  (18022419)              438145.63
3710222.07       24.46462  (18122505)
        438156.88   3710258.55       23.44354  (18112217)              438015.99
3709823.15        5.33429  (20041418)
        437993.17   3709791.40        6.32801  (20041418)              438114.29
3709799.09        4.30963  (19021722)
        438125.67   3709835.94        6.44707  (19021722)              438137.04
3709872.79        9.05133  (19021722)
        438148.41   3709909.64       10.84712  (18021907)              438159.79
3709946.49       13.37120  (17012020)
        438171.16   3709983.34       15.42754  (19012103)              438182.53
3710020.19       16.16309  (19012103)
        438193.91   3710057.03       16.62033  (19012103)              438205.28
3710093.88       16.80671  (19051901)
        438216.65   3710130.73       18.20613  (18122505)              438228.02
3710167.58       19.73041  (18122505)
        438239.40   3710204.43       20.33830  (18122505)              438250.77
3710241.28       20.77591  (18012018)
        438284.89   3710351.82       21.70495  (19012024)              438097.20
3709764.79        4.53615  (21020617)
        438074.38   3709733.04        5.35731  (20041418)              438195.55
3709740.89        8.98508  (21020218)
        438207.01   3709778.04       11.53031  (17012020)              438218.48
3709815.20       14.07822  (17012020)
```

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	17.02172	(19012103)	438264.35	3709963.82	18.04047	(19012103)
438275.82	3710000.98	18.14398	(19011217)	438287.29	3710038.13	17.87747	(21020718)
438298.76	3710075.29	18.81372	(20032523)	438310.22	3710112.44	19.24842	(18122505)
438321.69	3710149.60	19.51638	(18122505)	438333.16	3710186.76	19.44123	(18122505)
438344.63	3710223.91	19.65047	(18012018)	438390.50	3710372.53	20.77325	(18021618)
438178.40	3709706.43	3.93951	(21020617)	438155.58	3709674.68	4.56542	(20041418)
438276.65	3709682.19	10.42487	(21120317)	438287.91	3709718.67	16.06448	(18120123)
438299.17	3709755.15	17.96339	(19022023)	438310.43	3709791.63	18.65858	(21021119)
438321.68	3709828.11	19.22259	(17030619)	438332.94	3709864.59	19.82386	(21120119)
438344.20	3709901.07	19.52721	(21120119)	438355.46			

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3709937.55       18.80516  (19021619)
        438366.72   3709974.03       19.07460  (19071519)                438377.98
3710010.51       19.35530  (19071519)
        438389.24   3710046.99       18.50793  (19071519)                438400.50
3710083.47       18.62029  (18022419)
        438411.76   3710119.95       19.59885  (17020718)                438423.02
3710156.43       19.65254  (18122505)
        438434.28   3710192.91       19.10841  (18012018)                438445.54
3710229.39       18.89040  (21121419)
        438484.94   3710357.07       19.06129  (18021618)                438259.61
3709648.07        5.71355  (18021918)
        438236.79   3709616.32        4.95018  (18021918)                438357.90
3709623.97       10.03734  (21120317)
        438369.24   3709660.74        9.66630  (21012505)                438380.59
3709697.50       11.60625  (17012020)
        438391.94   3709734.26       14.38189  (21120217)                438403.28
3709771.03       16.47663  (21120217)
        438414.63   3709807.79       18.45747  (21120119)                438425.97
3709844.55       18.79017  (21120119)
        438437.32   3709881.31       17.81234  (19021619)                438448.67
3709918.08       16.66393  (19071519)
        438460.01   3709954.84       16.85301  (19071519)                438471.36
3709991.60       16.59590  (19071519)
        438482.71   3710028.37       16.33116  (21061019)                438494.05
3710065.13       16.61249  (19012106)
        438505.40   3710101.89       16.72419  (17020718)                438516.75
3710138.65       16.91338  (17020718)
        438528.09   3710175.42       17.88026  (18042222)                438539.44
3710212.18       18.13328  (21121420)
        438573.48   3710322.47       17.68988  (18021618)                438584.83
3710359.23       17.65877  (20122117)
        438340.81   3709589.72       10.14353  (20120417)                438317.99
3709557.96        9.42821  (20120417)
        438439.14   3709565.74       14.91687  (21120517)                438450.56
3709602.75       15.13064  (18120123)
        438461.98   3709639.76       15.17450  (18120123)                438473.41
3709676.76       13.93208  (21120217)
        438484.83   3709713.77       13.67307  (17012020)                438496.25
3709750.78       14.22906  (21120217)
        438507.67   3709787.79       14.32428  (21120217)                438519.10
3709824.80       15.66430  (21120119)
        438530.52   3709861.81       16.91760  (19011217)                438541.94
3709898.82       17.50159  (21020718)
        438553.36   3709935.83       17.46386  (21020718)                438564.79
3709972.83       17.17695  (20090920)
        438576.21   3710009.84       17.63680  (18022419)                438587.63
3710046.85       17.18609  (17020718)
        438599.05   3710083.86       15.94378  (17020718)                438610.47
3710120.87       15.05276  (21081321)
        438621.90   3710157.88       15.30925  (18041601)                438633.32
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438589.31   3709730.83   16.76680 (21120119)   438600.80
3709768.06   16.90591 (21120119)
        438612.29   3709805.28   15.86952 (21120119)   438623.78
3709842.51   14.62423 (21040919)
        438635.27   3709879.73   15.13797 (21020718)   438646.76
3709916.96   15.82258 (20090920)
        438658.24   3709954.18   16.34825 (18032719)   438669.73
3709991.41   16.79031 (18022419)
        438681.22   3710028.63   16.60258 (17020718)   438692.71
3710065.86   16.26066 (17020718)

438704.20 3710103.08 15.09809 (18042222) 438715.69 3710140.30 14.02216 (18041601)
438727.18 3710177.53 14.10310 (21072606) 438773.13 3710326.43 14.71569 (20051819)
438784.62 3710363.65 14.07909 (20062006) 438503.22 3709473.00 15.83876 (21021218)
438480.40 3709441.24 15.54009 (17021823) 437273.32 3710263.86 53.40996 (20041418)
437239.83 3710241.54 60.53837 (20090918) 437317.80 3710233.42 44.41239 (20041418)
437284.31 3710211.10 45.43324 (20090918) 437250.82 3710188.77 51.95540 (20090918)
437358.40 3710204.24 37.86981 (20041418) 437328.79 3710180.66 36.37855 (19101917)
437295.30 3710158.33 41.74885 (20090918) 437386.13 3710162.64 32.24836 (20041418)
437356.52 3710139.05 30.84493 (19101917) 437323.03 3710116.73 35.56932 (20090918)
437413.87 3710121.04 27.59975 (20041418) 437439.60 3710145.88 28.35699 (20041418)
437384.25 3710097.45 26.43298 (19101917) 437350.76 3710075.13 30.71112 (20090918)
437441.60 3710079.43 23.77760 (19101917) 437467.34 3710104.28 24.98488 (20041418)
437411.99 3710055.85 23.05334 (20090918) 437378.50 3710033.52 26.81320 (20090918)
437469.33 3710037.83 21.04378 (19101917) 437495.07 3710062.68 22.04371 (20041418)
437520.81 3710087.53 21.86289 (20041418) 437439.72 3710014.24 20.52660 (20090918)
437406.23 3709991.92 23.63563 (20090918) 437497.07 3709996.23 18.71699 (19101917)
437522.81 3710021.07 19.49966 (20041418) 437548.54 3710045.92 19.75713 (20041418)
437467.45 3709972.64 18.39594 (20090918) 437433.96 3709950.31 21.00843 (20090918)
437526.41 3709956.18 16.75730 (19101917) 437555.36 3709984.13 17.49283 (20041418)
437584.32 3710012.08 17.79113 (20041418) 437495.19 3709931.04 16.57321 (20090918)
437461.70 3709908.71 18.80491 (20090918) 437553.96 3709914.40 15.05498 (19101917)
437582.56 3709942.01 15.59743 (20041418) 437611.16 3709969.62 16.17494 (20041418)
437639.76 3709997.23 15.57469 (20041418) 437522.92 3709889.43 15.01656 (20090918)
437489.43 3709867.11 16.92986 (20090918) 437609.17 3709830.94 12.29329 (19101917)
437637.25 3709858.05 12.71341 (19101917) 437665.33 3709885.16 13.32926 (20041418)

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        437693.40   3709912.26       13.36085  (20041418)               437721.48
3709939.37       12.61237  (20041418)
        437578.39   3709806.23       12.51218  (20090918)               437544.90
3709783.90       13.96811  (20090918)
        437664.46   3709747.56       10.17915  (19101917)               437692.18
3709774.32       10.69988  (19101917)
        437719.89   3709801.08       11.02285  (20041418)               437747.61
3709827.84       11.38347  (20041418)
        437775.33   3709854.60       11.14287  (20041418)               437803.05
3709881.36       10.33889  (20041418)
        437633.86   3709723.02       10.58457  (20090918)               437600.37
3709700.69       11.73043  (20090918)
        437719.79   3709664.23        8.53430  (19101917)               437747.25
3709690.73        9.08420  (19101917)
        437774.70   3709717.24        9.16399  (19101917)               437802.15
3709743.74        9.64126  (20041418)
        437829.61   3709770.24        9.74869  (20041418)               437857.06
3709796.75        9.38081  (20041418)
        437884.52   3709823.25        8.61425  (20041418)               437689.32
3709639.81        9.07055  (20090918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437655.83   3709617.49        9.99467  (20090918)               437776.01
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3709581.74 7.25406 (19101917)
437804.97 3709609.70 7.80447 (19101917) 437833.92
3709637.65 7.95263 (19101917)
437862.88 3709665.61 8.32807 (20041418) 437891.83
3709693.56 8.50612 (20041418)
437920.79 3709721.51 8.27534 (20041418) 437949.74
3709749.47 7.68692 (20041418)
437744.79 3709556.61 7.85864 (20090918) 437711.30
3709534.28 8.61868 (20090918)
437831.30 3709498.36 6.19983 (19101917) 437859.90
3709525.97 6.71700 (19101917)
437888.50 3709553.58 6.94542 (19101917) 437917.09
3709581.19 7.13575 (20041418)
437945.69 3709608.80 7.43136 (20041418) 437974.29
3709636.41 7.41731 (20041418)
438002.88 3709664.02 7.10794 (20041418) 438031.48
3709691.63 6.55523 (20041418)
437800.26 3709473.40 6.86657 (20090918) 437766.77
3709451.07 7.50035 (20090918)
437886.62 3709415.02 5.41840 (19102017) 437914.94
3709442.35 5.83403 (19101917)
437943.25 3709469.69 6.11528 (19101917) 437971.56
3709497.02 6.14900 (19101917)
437999.87 3709524.35 6.48081 (20041418) 438028.18
3709551.68 6.61562 (20041418)
438056.49 3709579.02 6.49996 (20041418) 438084.80
3709606.35 6.18500 (20041418)
438113.12 3709633.68 5.65939 (20041418) 437855.72
3709390.19 6.03756 (20090918)
437822.23 3709367.87 6.56706 (20090918) 437941.97
3709331.70 4.85324 (19102017)
437970.05 3709358.81 5.10145 (19101917) 437998.13
3709385.91 5.38759 (19101917)
438026.21 3709413.02 5.48385 (19101917) 438054.28
3709440.13 5.65921 (20041418)
438082.36 3709467.23 5.88060 (20041418) 438110.44
3709494.34 5.88336 (20041418)
438138.52 3709521.45 5.74244 (20041418) 438166.59
3709548.55 5.39898 (20041418)
438194.67 3709575.66 4.88775 (20041418) 437911.19
3709306.98 5.38319 (20090918)
437877.70 3709284.66 5.84477 (20090918) 437997.34
3709248.40 4.36092 (19102017)
438025.23 3709275.32 4.48007 (19101917) 438053.11
3709302.24 4.76640 (19101917)
438080.99 3709329.15 4.90119 (19101917) 438108.87
3709356.07 4.96095 (20041418)
438136.76 3709382.99 5.20493 (20041418) 438164.64
3709409.91 5.29248 (20041418)
438192.52 3709436.83 5.26827 (20041418) 438220.40

3709463.75   5.06384 (20041418)
        438248.29   3709490.67   4.71733 (20041418)   438276.17
3709517.58   5.27334 (21012520)
        437966.66   3709223.78   4.81324 (20090918)   437933.17
3709201.45   5.21201 (20090918)
        438053.28   3709165.65   3.93477 (19102017)   438082.11
3709193.48   3.97644 (19101917)
        438110.94   3709221.31   4.25431 (19101917)   438139.76
3709249.14   4.42675 (19101917)
        438168.59   3709276.97   4.42147 (19101917)   438197.41
3709304.80   4.63212 (20041418)
        438226.24   3709332.63   4.75564 (20041418)   438255.07
3709360.46   4.78113 (20041418)
        438283.89   3709388.28   4.64514 (20041418)   438312.72
3709416.11   4.54134 (21121718)
        438341.55   3709443.94   10.72880 (21120319)   438370.37
3709471.77   14.45139 (17011318)
        438022.13   3709140.57   4.32757 (20090918)   437988.64
3709118.25   4.67551 (20090918)
        438108.64   3709082.33   3.56976 (19102017)   438137.23
3709109.94   3.52735 (19101917)
        438165.83   3709137.55   3.79495 (19101917)   438194.43
3709165.16   3.95652 (19101917)
        438223.03   3709192.77   3.99697 (19101917)   438251.62
3709220.37   4.10729 (20041418)
        438280.22   3709247.98   4.26754 (20041418)   438308.82
3709275.59   4.32200 (20041418)
        438337.42   3709303.20   4.31066 (20041418)   438366.01
3709330.81   10.46937 (18122217)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438394.61	3709358.42	14.71639	(17020218)	438423.21	3709386.03	15.66045	(20012618)
438451.80	3709413.64	15.56264	(17011318)	438077.59	3709057.36	3.90895	(20090918)
438044.10	3709035.04	4.21644	(20090918)	437216.54	3710215.91	61.41137	(20090918)
437560.19	3710008.56	18.36641	(20041418)	437925.03	3709745.14	8.17926	(20041418)
438006.11	3709686.60	6.99457	(20041418)	437280.77	3710233.20	46.75315	(19101917)
437322.73	3710276.31	47.95894	(20041418)	437378.59	3710253.95	37.32003	(20041418)
437430.98	3710247.96	29.18319	(20041418)	437616.20	3710338.58	14.57867	(21021017)
437665.11	3710348.96	13.04117	(21021017)	437762.93	3710369.71	10.02843	(21021017)
437860.76	3710390.47	8.43916	(18121016)	437867.70	3710357.73	7.99127	(21122408)
437958.58	3710411.22	7.77413	(18121016)	437965.53	3710378.48	6.98392	(18121016)
438056.40	3710431.98	6.95310	(18121016)	437265.29	3710160.30	46.31539	(20090918)
437512.30	3710332.18	18.25519	(21021017)	437555.45	3710357.43	17.46936	(21021017)
437567.36	3710337.09	16.33547	(21021017)	437617.94	3710448.63	16.01215	(18121016)
437704.25	3710499.15	14.46067	(18121016)	437716.15	3710478.80	13.81309	(18121016)
437814.36	3710508.97	11.38231	(18121016)	437826.27	3710488.63	11.06360	(18121016)
437888.76	3710579.83	12.27903	(21101617)	437900.67	3710559.49	11.28071	(21101617)
437912.58	3710539.14	10.25377	(21101617)	437998.88	3710589.66	10.10520	(21101617)
438073.28	3710660.51	9.86342	(21101617)	438085.18	3710640.17	9.45194	(21101617)
437259.86	3710108.07	38.47324	(20090918)	437229.34	3710080.35	30.31874	(20090918)
437209.69	3710067.85	25.25644	(18120916)	437190.05	3710055.35	23.93042	(18120916)
437170.40	3710042.85	21.54268	(18120916)	437150.75	3710030.35	18.52892	(18120916)

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        437286.71   3710065.89       33.09418  (20090918)                437308.46
3710096.32       35.89093  (20090918)
        437256.18   3710038.17       26.85960  (20090918)                437236.54
3710025.67       22.44151  (20090918)
        437216.89   3710013.17       20.70934  (18120916)                437197.24
3710000.67       19.28191  (18120916)
        437177.60   3709988.16       17.16826  (18120916)                437315.72
3710026.75       29.16515  (20090918)
        437358.13   3710166.40       33.29654  (19101917)                437283.03
3709995.99       23.95956  (20090918)
        437263.38   3709983.49       20.44745  (20090918)                437243.73
3709970.98       17.95186  (18120916)
        437224.09   3709958.48       17.09349  (18120916)                437204.44
3709945.98       15.71037  (18120916)
        437341.95   3709983.70       25.56549  (20090918)                437407.20
3710151.47       30.44114  (20041418)
        437400.97   3710193.77       33.48536  (20041418)                437309.87
3709953.81       21.51205  (20090918)
        437290.22   3709941.30       18.67658  (20090918)                437270.58
3709928.80       15.62427  (18120916)
        437250.93   3709916.30       15.13729  (18120916)                437231.29
3709903.80       14.22041  (18120916)
        437368.45   3709941.03       22.65342  (20090918)                437440.96
3710042.47       21.84112  (19101917)
        437336.71   3709911.62       19.41668  (20090918)                437317.07
3709899.12       17.10563  (20090918)
        437297.42   3709886.62       14.51849  (20090918)                437277.77
3709874.12       13.41684  (18120916)
        437258.13   3709861.61       12.81781  (18120916)                437396.26
3709900.20       20.33993  (20090918)
        437474.58   3710009.75       19.65804  (19101917)                437507.20
3710108.94       22.98315  (20041418)
        437497.39   3710175.55       23.44748  (20041418)                437363.56
3709869.44       17.62040  (20090918)
        437343.91   3709856.94       15.71067  (20090918)                437324.26
3709844.44       13.54216  (20090918)
        437304.62   3709831.93       11.91584  (18120916)                437284.97
3709819.43       11.54004  (18120916)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
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                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437422.74   3709857.51       18.28680  (20090918)               437498.88
3709964.02       17.27026  (19101917)
        437559.16   3710074.36       19.57873  (20041418)               437533.74
3710247.07       14.60195  (20041418)
        437390.40   3709827.26       16.06720  (20090918)               437370.75
3709814.75       14.47306  (20090918)
        437351.11   3709802.25       12.64079  (20090918)               437331.46
3709789.75       10.70352  (20090918)
        437311.82   3709777.25       10.39606  (18120916)               437450.28
3709816.30       16.59782  (20090918)
        437463.67   3709835.03       17.11227  (20090918)               437530.61
3709928.66       15.66540  (19101917)
        437594.17   3710154.89       14.73371  (20041418)               437580.77
3710245.99       13.11845  (21012518)
        437436.89   3709797.58       15.73661  (20090918)               437417.24
3709785.07       14.71338  (20090918)
        437397.60   3709772.57       13.37233  (20090918)               437377.95
3709760.07       11.81144  (20090918)
        437358.31   3709747.57       10.14000  (20090918)               437338.66
3709735.07        9.37255  (18120916)
        437476.79   3709773.65       15.08580  (20090918)               437502.89
3709810.17       15.62667  (20090918)
        437529.00   3709846.68       14.87435  (20090918)               437555.11
3709883.20       13.91044  (19101917)
        437656.26   3710051.47       14.08030  (20041418)               437444.09
3709742.89       13.52359  (20090918)
        437424.44   3709730.39       12.38780  (20090918)               437404.80
3709717.89       11.05065  (20090918)
        437385.15   3709705.38        9.59995  (20090918)               437365.50
3709692.88        8.45883  (18120916)
        437503.38   3709731.11       13.78399  (20090918)               437528.97
3709766.91       14.24895  (20090918)
        437580.16   3709838.51       12.39820  (19101917)               437605.75
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3709874.31       13.46721  (19101917)
        437631.35   3709910.11       14.28434  (20041418)                437656.94
3709945.91       14.64666  (20041418)
        437682.54   3709981.71       13.84648  (20041418)                437692.11
3710126.37        9.41216  (21020617)
        437679.29   3710213.44       10.95183  (21012518)                437470.93
3709700.71       12.47087  (20090918)
        437451.29   3709688.21       11.50364  (20090918)                437431.64
3709675.70       10.35200  (20090918)
        437411.99   3709663.20        9.08751  (20090918)                437392.35
3709650.70        7.77170  (20090918)
        437557.32   3709647.10       11.67694  (20090918)                437583.43
3709683.62       11.99330  (20090918)
        437635.64   3709756.65       10.23774  (20090918)                437661.74
3709793.17       11.23712  (19101917)
        437687.85   3709829.69       11.76059  (20041418)                437713.96
3709866.20       12.38694  (20041418)
        437740.06   3709902.72       12.11240  (20041418)                437766.17
3709939.24       10.97611  (20041418)
        437792.28   3709975.75        9.21884  (20041418)                437788.99
3710105.04        8.13506  (21012518)
        437782.45   3710149.45        8.86127  (21012518)                437775.92
3710193.86        9.43440  (21012518)
        437524.62   3709616.34       10.70773  (20090918)                437504.97
3709603.84        9.98592  (20090918)
        437485.33   3709591.34        9.11674  (20090918)                437465.68
3709578.84        8.14664  (20090918)
        437446.04   3709566.33        7.12360  (20090918)                437611.20
3709563.00       10.02395  (20090918)
        437624.44   3709581.52       10.21042  (20090918)                437637.68
3709600.05       10.24020  (20090918)
        437690.65   3709674.14        8.80553  (20090918)                437703.89
3709692.66        9.06866  (19101917)
        437717.13   3709711.18        9.48556  (19101917)                437730.38
3709729.71        9.74366  (19101917)
        437743.62   3709748.23        9.82554  (19101917)                437756.86
3709766.75       10.21151  (20041418)
        437770.10   3709785.28       10.49694  (20041418)                437783.35
3709803.80       10.61371  (20041418)
        437796.59   3709822.32       10.55478  (20041418)                437809.83
3709840.84       10.34053  (20041418)
        437823.07   3709859.37        9.94536  (20041418)                437836.32
3709877.89        9.38999  (20041418)
        437862.80   3709914.94        7.94810  (20041418)                437876.04
3709933.46        7.12512  (20041418)
        437889.29   3709951.98        6.37682  (21020617)                437899.21
3709993.03        6.11146  (21012518)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.64	3710105.67	7.58125	(21012518)	437879.32	3710128.20	7.78664	(21012518)
437876.00	3710150.72	7.98952	(21012518)	437872.69	3710173.25	8.17475	(21012518)
437869.37	3710195.78	8.30928	(21012518)	437856.11	3710285.89	8.17950	(21021017)
437852.80	3710308.41	8.25981	(21021017)	437849.48	3710330.94	8.25186	(21021017)
437842.85	3710375.99	8.29085	(21122408)	437839.53	3710398.52	8.97501	(18121016)
437836.22	3710421.05	9.70393	(18121016)	437832.90	3710443.58	10.31057	(18121016)
437829.59	3710466.10	10.77166	(18121016)	437597.95	3709544.48	9.69290	(20090918)
437578.31	3709531.97	9.29978	(20090918)	437558.66	3709519.47	8.75386	(20090918)
437539.01	3709506.97	8.08373	(20090918)	437519.37	3709494.47	7.32301	(20090918)
437499.72	3709481.97	6.50938	(20090918)	437665.03	3709478.84	8.69974	(20090918)
437678.42	3709497.56	8.83680	(20090918)	437691.80	3709516.29	8.84888	(20090918)
437745.36	3709591.20	7.66354	(20090918)	437758.74	3709609.92	7.67239	(19101917)

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        437772.13   3709628.65        8.07041  (19101917)              437785.52
3709647.38        8.35092  (19101917)
        437798.91   3709666.10        8.49128  (19101917)              437812.30
3709684.83        8.60132  (20041418)
        437825.68   3709703.56        8.94475  (20041418)              437839.07
3709722.28        9.18536  (20041418)
        437852.46   3709741.01        9.26619  (20041418)              437865.85
3709759.74        9.18926  (20041418)
        437879.24   3709778.46        8.96835  (20041418)              437892.62
3709797.19        8.61385  (20041418)
        437906.01   3709815.92        8.14178  (20041418)              437959.56
3709890.82        5.64962  (21020617)
        437986.34   3709928.27        6.69429  (19021722)              437996.37
3709969.78        7.39100  (19021722)
        437979.62   3710083.65        8.60344  (21012519)              437976.26
3710106.42       10.17672  (21012519)
        437972.91   3710129.20       12.62294  (19012105)              437969.56
3710151.97       14.08788  (19012105)
        437966.21   3710174.75       14.68155  (19012105)              437962.86
3710197.52       14.57225  (19021721)
        437952.80   3710265.85       10.22895  (21012507)              437949.45
3710288.62        6.97527  (21122408)
        437946.10   3710311.40        7.06600  (21122408)              437942.74
3710334.17        7.12139  (21122408)
        437939.39   3710356.94        7.13135  (21122408)              437936.04
3710379.72        7.29554  (18121016)
        437932.69   3710402.49        7.89576  (18121016)              437929.34
3710425.27        8.40974  (18121016)
        437925.98   3710448.04        8.81271  (18121016)              437922.63
3710470.82        9.08789  (18121016)
        437919.28   3710493.59        9.22568  (18121016)              437915.93
3710516.37        9.28076  (21101617)
        437651.64   3709460.11        8.44599  (20090918)              437631.99
3709447.61        8.14880  (20090918)
        437612.35   3709435.11        7.72868  (20090918)              437592.70
3709422.60        7.20529  (20090918)
        437573.06   3709410.10        6.60342  (20090918)              437553.41
3709397.60        5.94846  (20090918)
        437718.83   3709394.63        7.60516  (20090918)              437732.33
3709413.52        7.70823  (20090918)
        437745.84   3709432.41        7.71047  (20090918)              437799.85
3709507.96        6.73332  (20090918)
        437813.35   3709526.85        6.54529  (19101917)              437826.86
3709545.74        6.91696  (19101917)
        437840.36   3709564.62        7.19544  (19101917)              437853.86
3709583.51        7.36246  (19101917)
        437867.37   3709602.40        7.42995  (19101917)              437880.87
3709621.29        7.65711  (20041418)
        437894.37   3709640.18        7.93442  (20041418)              437907.88
3709659.06        8.09047  (20041418)
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        438083.42   3709904.61   11.35737 (18021907)   438093.54
3709946.47   17.98508 (17012020)
        438090.16   3709969.44   19.46853 (17012020)   438076.64
3710061.32   20.88357 (19012103)
        438073.26   3710084.29   21.74518 (19012103)   438069.88
3710107.26   23.16440 (21020718)
        438066.50   3710130.24   24.59799 (21020718)   438063.12
3710153.21   24.95434 (21020718)
        438059.74   3710176.18   24.97498 (20090920)   438042.83
3710291.03   25.91095 (18122505)
        438039.45   3710314.00   23.08904 (18012018)   438036.07
3710336.97   15.82783 (19021720)
        438032.69   3710359.95   6.15740 (21122408)   438029.31
3710382.92   6.52005 (18121016)
        438025.93   3710405.89   6.94267 (18121016)   438022.55

3710428.86 7.29339 (18121016)
438019.17 3710451.83 7.56295 (18121016) 438015.78
3710474.80 7.72403 (18121016)
438012.40 3710497.77 7.77175 (18121016) 438009.02
3710520.74 7.89864 (21101617)
438005.64 3710543.71 8.68897 (21101617) 438002.26
3710566.68 9.43337 (21101617)
437705.33 3709375.74 7.40888 (20090918) 437685.68
3709363.24 7.18400 (20090918)
437666.04 3709350.74 6.86421 (20090918) 437646.39
3709338.24 6.45377 (20090918)
437626.74 3709325.74 5.97186 (20090918) 437607.10
3709313.23 5.43989 (20090918)
437772.20 3709309.82 6.69972 (20090918) 437785.39
3709328.26 6.77736 (20090918)
437798.57 3709346.71 6.77703 (20090918) 437851.31
3709420.48 6.01610 (20090918)
437864.50 3709438.92 5.67700 (19102017) 437877.68
3709457.36 5.85881 (19101917)
437890.87 3709475.81 6.14447 (19101917) 437904.05
3709494.25 6.36242 (19101917)
437917.24 3709512.69 6.51518 (19101917) 437930.42
3709531.14 6.58061 (19101917)
437943.61 3709549.58 6.74952 (20041418) 437956.79
3709568.02 6.98311 (20041418)
437969.98 3709586.46 7.13215 (20041418) 437983.16
3709604.91 7.19147 (20041418)
437996.35 3709623.35 7.15863 (20041418) 438009.53
3709641.79 7.04157 (20041418)
438154.57 3709844.66 8.06075 (19021722) 438167.75
3709863.11 8.90129 (19021722)
438180.94 3709881.55 9.73397 (18021907) 438190.82
3709922.42 13.04164 (17012020)
438171.02 3710057.00 17.47346 (19012103) 438167.71
3710079.43 17.98826 (19012103)
438161.11 3710124.29 20.32612 (20032523) 438157.81
3710146.72 21.49169 (21120817)
438154.51 3710169.15 23.01717 (18122505) 438138.00
3710281.29 23.79445 (19040519)
438134.70 3710303.72 23.94379 (21121420) 438131.40
3710326.15 24.56935 (21121419)
438124.80 3710371.01 21.79915 (19012024) 438121.50
3710393.44 17.86277 (19012102)
438111.59 3710460.73 6.54999 (18121016) 438108.29
3710483.16 6.58720 (18121016)
438101.69 3710528.02 6.90607 (21101617) 438098.39
3710550.45 7.51297 (21101617)
438095.09 3710572.88 8.08336 (21101617) 438088.49
3710617.74 9.07204 (21101617)
437759.02 3709291.38 6.54990 (20090918) 437739.37

3709278.88   6.37566 (20090918)
        437719.72   3709266.37   6.11913 (20090918)   437700.08
3709253.87   5.79029 (20090918)
        437680.43   3709241.37   5.40041 (20090918)   437660.79
3709228.87   4.96765 (20090918)
        437826.00   3709225.61   5.98718 (20090918)   437839.29
3709244.21   6.04678 (20090918)
        437852.59   3709262.80   6.04097 (20090918)   437905.77
3709337.19   5.38107 (20090918)
        437919.06   3709355.78   5.08703 (19102017)   437932.36
3709374.38   5.11147 (19101917)
        437945.65   3709392.98   5.38290 (19101917)   437958.95
3709411.57   5.59985 (19101917)
        437972.24   3709430.17   5.75416 (19101917)   437985.54
3709448.77   5.84013 (19101917)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        438238.14   3709802.10       15.20784  (17012020)               438251.44
3709820.70       16.76389  (21120217)
        438264.73   3709839.29       17.46121  (21120217)               438278.03
3709857.89       18.28292  (21120217)
        438287.99   3709899.10       20.32303  (21120119)               438284.66
3709921.72       20.84907  (21120119)
        438281.34   3709944.34       20.29877  (21120119)               438264.69
3710057.42       15.98290  (19051901)
        438261.36   3710080.04       16.24768  (19021721)               438258.04
3710102.65       16.92393  (18122505)
        438254.71   3710125.27       18.18693  (18122505)               438251.38
3710147.88       19.19770  (18122505)
        438234.73   3710260.97       21.72952  (18012018)               438231.41
3710283.58       22.35166  (21121419)
        438228.08   3710306.20       22.75483  (21121420)               438224.75
3710328.82       22.23247  (21121420)
        438221.42   3710351.43       22.02932  (19070606)               438218.09
3710374.05       21.51444  (19070606)
        438201.45   3710487.13       23.24044  (18120117)               438198.12
3710509.75       22.96637  (19022103)
        438194.79   3710532.37       22.34658  (19022103)               438191.46
3710554.98       22.11156  (18122503)
        438188.13   3710577.60       23.03131  (18122503)               438184.80
3710600.21       24.42306  (18122503)
        438181.48   3710622.83       24.60546  (18122503)               438178.15
3710645.45       24.32610  (17021619)
        437812.70   3709207.01        5.86594  (20090918)               437793.06
3709194.51        5.72330  (20090918)
        437773.41   3709182.01        5.51451  (20090918)               437753.77
3709169.51        5.24530  (20090918)
        437734.12   3709157.00        4.92539  (20090918)               437714.47
3709144.50        4.56567  (20090918)
        437879.78   3709141.37        5.36387  (20090918)               437893.17
3709160.10        5.40740  (20090918)
        437906.55   3709178.83        5.39699  (20090918)               437946.72
3709235.01        5.04245  (20090918)
        437960.11   3709253.73        4.82529  (20090918)               437973.49
3709272.46        4.56713  (20090918)
        437986.88   3709291.19        4.46400  (19101917)               438000.27
3709309.91        4.71634  (19101917)
        438013.66   3709328.64        4.92732  (19101917)               438027.05
3709347.36        5.08866  (19101917)
        438040.43   3709366.09        5.19548  (19101917)               438053.82
3709384.82        5.24224  (19101917)
        438067.21   3709403.54        5.30928  (20041418)               438080.60
3709422.27        5.52667  (20041418)
        438093.99   3709441.00        5.67199  (20041418)               438107.37
3709459.72        5.74934  (20041418)
        438134.15   3709497.18        5.73739  (20041418)               438214.48
3709609.54        4.69933  (21121717)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3710356.41   20.36790 (18021618)
        438387.93   3710493.87   20.43557 (18120117)   438384.56
3710516.78   20.09061 (18120117)
        438381.19   3710539.69   20.04646 (18122503)   438377.82
3710562.60   20.98505 (18122503)
        438374.45   3710585.51   21.58781 (18122503)   438371.07
3710608.42   21.54956 (18122503)
        437920.08   3709038.28   4.75508 (20090918)   437900.43
3709025.78   4.66799 (20090918)
        437880.79   3709013.28   4.53185 (20090918)   437861.14
3709000.77   4.35085 (20090918)
        437841.49   3708988.27   4.13075 (20090918)   437821.85
3708975.77   3.87825 (20090918)
        437987.30   3708972.85   4.37428 (20090918)   438000.84
3708991.78   4.39919 (20090918)
        438014.38   3709010.72   4.38428 (20090918)   438054.99
3709067.52   4.10687 (20090918)
        438068.52   3709086.46   3.94456 (20090918)   438082.06
3709105.39   3.75205 (20090918)
        438095.60   3709124.33   3.64205 (19102017)   438109.13
3709143.26   3.67451 (19101917)
        438122.67   3709162.19   3.86426 (19101917)   438136.21
3709181.13   4.02293 (19101917)
        438149.74   3709200.06   4.14583 (19101917)   438163.28
3709219.00   4.24546 (19101917)
        438176.82   3709237.93   4.29098 (19101917)   438190.35
3709256.87   4.27164 (20041418)
        438203.89   3709275.80   4.43422 (20041418)   438366.33
3709503.02   13.51354 (17011318)
        438379.87   3709521.95   13.03927 (17011318)   438393.40
3709540.89   13.68043 (21120517)
        438406.94   3709559.82   14.41331 (21120517)   438420.48
3709578.76   14.95442 (21120517)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935

, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438501.70	3709692.36	14.88384	(21120217)	438515.23	3709711.30	15.06861	(21120217)
438528.77	3709730.23	15.15009	(21120217)	438542.31	3709749.17	14.87795	(21120217)
438555.84	3709768.10	14.64573	(21120119)	438569.38	3709787.04	14.49319	(21120119)
438579.53	3709829.00	14.19542	(19012103)	438576.14	3709852.03	14.45474	(19011217)
438572.75	3709875.06	15.34581	(21020718)	438569.36	3709898.08	16.35763	(21020718)
438552.41	3710013.22	17.79128	(18022419)	438549.02	3710036.25	17.87022	(18022419)
438545.64	3710059.28	17.40764	(17020718)	438542.25	3710082.30	17.00869	(17020718)
438538.86	3710105.33	16.45195	(17020718)	438518.52	3710243.50	18.64232	(21121419)
438515.13	3710266.53	18.66859	(21121419)	438511.74	3710289.55	19.01712	(19012024)
438508.35	3710312.58	19.18015	(19012024)	438504.97	3710335.61	19.22169	(18021618)
438498.19	3710381.66	18.42987	(20122117)	438481.24	3710496.80	16.13610	(19121418)
438477.85	3710519.83	16.74283	(19121418)	438474.46	3710542.86	17.54980	(17021822)
438471.07	3710565.89	18.28406	(19121517)	437973.77	3708953.91	4.31188	(20090918)
437954.12	3708941.41	4.24199	(20090918)	437934.47	3708928.91	4.13009	(20090918)
437914.83	3708916.41	3.97954	(20090918)	437895.18	3708903.91	3.79478	(20090918)
437875.54	3708891.40	3.58147	(20090918)	438040.77	3708888.18	3.97633	(20090918)
438054.09	3708906.81	3.99516	(20090918)	438067.41	3708925.44	3.98168	(20090918)
438080.73	3708944.07	3.93573	(20090918)	438094.05	3708962.70	3.85790	(20090918)
438107.37	3708981.33	3.74952	(20090918)	438120.69	3708999.96	3.61310	(20090918)

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        438134.01   3709018.60        3.45181  (20090918)               438147.33
3709037.23        3.34123  (19102017)
        438160.65   3709055.86        3.24021  (19102017)               438173.97
3709074.49        3.40305  (19101917)
        438187.29   3709093.12        3.57573  (19101917)               438200.61
3709111.75        3.71958  (19101917)
        438213.93   3709130.38        3.81191  (19101917)               438227.25
3709149.01        3.85791  (19101917)
        438240.57   3709167.64        3.88042  (19101917)               438253.89
3709186.27        3.87643  (20041418)
        438280.53   3709223.54        4.14217  (20041418)               438400.40
3709391.22       15.38806  (20012618)
        438413.72   3709409.85       15.75037  (20012618)               438427.04
3709428.48       15.71627  (17011318)
        438440.36   3709447.11       15.74010  (17011318)               438453.68
3709465.74       15.48389  (17011318)
        438467.00   3709484.37       15.74145  (21021218)               438480.32
3709503.00       16.07708  (21021218)
        438493.64   3709521.63       16.06336  (21021218)               438506.96
3709540.26       16.16574  (21120818)
        438573.56   3709633.42       15.83127  (20021021)               438600.20
3709670.68       15.79752  (17030619)
        438613.52   3709689.31       15.85435  (21120119)               438626.84
3709707.94       16.35901  (21120119)
        438640.16   3709726.57       16.63209  (21120119)               438653.48
3709745.21       16.66279  (21120119)
        438666.80   3709763.84       16.44699  (21120119)               438676.78
3709805.13       16.15820  (19021619)
        438673.45   3709827.78       15.98410  (21020718)               438670.11
3709850.44       15.11919  (21020718)
        438666.78   3709873.10       15.07567  (21020718)               438663.44
3709895.76       15.41120  (21020718)
        438646.77   3710009.05       17.04470  (18022419)               438643.43
3710031.71       17.01120  (18022419)
        438640.10   3710054.37       16.84257  (17020718)               438636.76
3710077.03       16.11705  (17020718)
        438633.43   3710099.69       15.09825  (21081321)               438616.75
3710212.98       17.37506  (21121420)
        438613.42   3710235.64       17.53919  (21121420)               438610.08
3710258.29       17.55092  (19012024)
        438606.75   3710280.95       17.23081  (19070606)               438603.41
3710303.61       16.85479  (19070606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	16.83365	(20051819)	438590.07	3710394.25	17.62385	(20122117)
438576.73	3710484.88	15.13521	(18052002)	438573.40	3710507.54	14.66355	(19121418)
438570.06	3710530.20	14.56498	(18122504)	438566.73	3710552.85	14.65296	(21021818)
438027.45	3708869.55	3.92584	(20090918)	438007.81	3708857.05	3.86954	(20090918)
437988.16	3708844.54	3.77726	(20090918)	437968.52	3708832.04	3.65174	(20090918)
437948.87	3708819.54	3.49619	(20090918)	437929.22	3708807.04	3.31478	(20090918)
437106.84	3710028.10	24.09556	(17022717)	437074.68	3710047.98	27.61179	(17022717)
437056.82	3710062.36	29.01062	(17022717)	437038.96	3710076.75	29.75409	(17022717)
437080.24	3709987.33	22.31399	(17022717)	437138.10	3709977.84	17.98784	(17022717)
437043.32	3710009.03	23.15764	(17022717)	437025.46	3710023.42	23.32039	(18122821)
437007.60	3710037.81	43.39716	(17021018)	437046.97	3709949.12	18.99350	(17022717)
437081.27	3709935.94	18.93816	(17022717)	437133.34	3709927.41	16.37383	(17022717)
437168.89	3709936.69	13.59658	(17020317)	437011.96	3709970.09	30.67169	(18012901)
436994.10	3709984.48	43.97570	(19012818)	436976.23	3709998.87	54.06294	(20121619)
437017.52	3709909.44	15.00848	(17022717)	437055.62			

3709894.80 16.36962 (17022717)
  437093.73 3709880.16 15.99833 (17022717) 437132.54
3709878.00 14.59524 (17022717)
  437172.04 3709888.32 12.11943 (17022717) 436980.60
3709931.15 35.59824 (17021023)
  436962.73 3709945.54 48.23151 (20121619) 436944.87
3709959.93 54.79310 (20122924)
  436987.51 3709869.98 17.12553 (18012901) 437028.35
3709854.29 13.42406 (17022717)
  437069.18 3709838.60 14.20348 (17022717) 437131.17
3709828.45 13.09032 (17022717)
  437173.49 3709839.50 11.07342 (17022717) 437215.81
3709850.56 11.20935 (18120916)
  436949.24 3709892.21 31.40689 (18022519) 436931.37
3709906.60 42.25425 (20121619)
  436913.51 3709920.98 49.87300 (18121017) 436954.79
3709831.56 31.84001 (20121619)
  436992.90 3709816.92 37.39320 (19012818) 437031.01
3709802.28 33.09572 (17011719)
  437069.12 3709787.64 15.61194 (18012901) 437126.98
3709778.15 11.83102 (17022717)
  437166.48 3709788.47 10.54027 (17022717) 437205.97
3709798.79 9.12943 (17020317)
  437245.47 3709809.11 10.55711 (18120916) 436917.87
3709853.27 32.74719 (18022519)
  436900.01 3709867.66 35.91836 (20120618) 436882.15
3709882.04 44.20200 (17021222)
  436924.38 3709792.25 42.66368 (20122924) 436964.40
3709776.88 42.92276 (21122222)
  437004.41 3709761.51 41.94206 (21121818) 437044.42
3709746.13 38.88539 (18120701)
  437084.44 3709730.76 35.30255 (17020902) 437125.18
3709728.49 24.46469 (21020222)
  437166.66 3709739.32 9.67074 (17022717) 437208.13
3709750.16 8.27495 (17020317)
  437249.61 3709761.00 9.06300 (18120916) 436886.51
3709814.33 42.21627 (18121017)
  436868.65 3709828.72 42.90853 (21122120) 436850.78
3709843.10 44.37602 (17020808)
  436893.80 3709753.01 41.35775 (17012108) 436935.37
3709737.04 38.75364 (19120518)
  436976.95 3709721.07 38.89089 (17072906) 437018.52
3709705.10 38.05171 (21020221)
  437060.09 3709689.12 36.62892 (20010218) 437123.21
3709678.78 36.90662 (21011318)
  437166.30 3709690.04 19.83073 (18121918) 437209.39
3709701.29 7.61380 (20021019)
  437252.48 3709712.55 7.77927 (18120916) 437295.57
3709723.81 8.90309 (18120916)
  436855.15 3709775.39 38.47143 (19012821) 436837.29

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436819.42	3709804.16	39.10050	(17020808)	436861.44	3709714.46	36.32334	(17012108)
436901.01	3709699.25	35.80702	(17012108)	436940.59	3709684.05	34.67177	(17072906)
436980.16	3709668.84	34.75333	(17072906)	437019.74	3709653.64	33.44905	(21020221)
437059.31	3709638.43	32.56272	(20021519)	437119.39	3709628.58	34.68503	(20012318)
437160.41	3709639.30	32.29879	(18020819)	437201.43	3709650.02	9.58948	(18020318)
437242.45	3709660.73	6.93002	(18021922)	437283.47	3709671.45	7.47032	(18120916)
437324.49	3709682.17	8.22983	(18120916)	436823.79	3709736.45	36.26152	(17020808)
436805.92	3709750.83	36.04257	(17020808)	436788.06	3709765.22	34.74425	(17020808)
436830.70	3709675.27	32.26996	(19012821)	436871.53	3709659.59	33.18382	(17012108)
436912.37	3709643.90	31.41612	(19120518)	436953.20	3709628.21	31.97706	(21122222)

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        436994.03   3709612.52       31.98495  (21121818)               437034.86
3709596.84       30.13514  (20123006)
        437075.69   3709581.15       30.73754  (20021519)               437117.26
3709578.83       32.48254  (20012318)
        437159.59   3709589.89       33.51886  (20122118)               437201.91
3709600.95       21.92629  (18121918)
        437244.23   3709612.00        6.63685  (20021019)               437286.55
3709623.06        6.50587  (18120916)
        437328.87   3709634.11        7.31889  (18120916)               436792.42
3709697.51       34.40091  (17020808)
        436774.56   3709711.89       33.01425  (17020808)               436756.70
3709726.28       31.21752  (21020103)
        436767.74   3709597.48       28.84949  (20121322)               436808.09
3709581.98       29.18318  (17021420)
        436848.44   3709566.48       30.10130  (18121017)               436888.79
3709550.97       30.47283  (20122924)
        436929.14   3709535.47       30.63756  (21013119)               436969.49
3709519.97       30.06054  (18010218)
        437009.84   3709504.47       28.22561  (18120701)               437050.19
3709488.96       26.97407  (19011101)
        437111.45   3709478.92       29.17555  (20012318)               437153.28
3709489.85       30.48025  (18010608)
        437195.10   3709500.77       26.48492  (18020819)               437236.92
3709511.70        5.96630  (20021019)
        437278.74   3709522.63        5.59314  (17123120)               437320.57
3709533.55        5.54929  (18090307)
        437362.39   3709544.48        6.11194  (18120916)               437404.21
3709555.41        6.38709  (18120916)
        436729.70   3709619.62       28.32395  (18122019)               436711.84
3709634.01       27.88513  (21013020)
        436693.97   3709648.40       27.38732  (18010807)               436705.90
3709519.26       26.25182  (18122019)
        436726.96   3709511.17       26.61620  (20121819)               436748.02
3709503.08       26.70615  (20121322)
        436769.08   3709494.99       26.86747  (18010119)               436790.14
3709486.90       26.84251  (17021420)
        436811.20   3709478.80       27.27908  (17101619)               436832.26
3709470.71       27.69908  (18121017)
        436853.32   3709462.62       27.80175  (18013018)               436874.38
3709454.53       27.78482  (20122924)
        436895.44   3709446.44       27.70271  (20122924)               436916.50
3709438.35       27.86143  (21013119)
        436937.56   3709430.25       27.23465  (21013119)               436958.62
3709422.16       27.45166  (18010218)
        436979.68   3709414.07       26.92266  (21020202)               437000.74
3709405.98       26.19478  (18120701)
        437021.80   3709397.89       25.23218  (19041820)               437042.86
3709389.80       24.45584  (20122403)
        437063.92   3709381.70       24.21839  (20010218)               437106.81
3709379.32       26.08837  (18120819)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	5.12819	(18120916)	437412.41	3709459.16	5.29331	(18120916)
437434.24	3709464.86	5.38595	(18120916)	437456.07	3709470.56	5.61419	(19101817)
437477.89	3709476.26	5.77085	(20090918)	436684.84	3709527.35	25.74258	(21020205)
436666.98	3709541.74	25.43819	(18011620)	436649.11	3709556.13	25.19518	(19122301)
436631.25	3709570.51	25.21736	(21010118)	436642.90	3709441.49	23.66471	(21020205)
436684.47	3709425.51	24.23842	(18122019)	436726.05			

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3709409.54       24.36514  (20121322)
        436767.62   3709393.57       24.34747  (17021420)                436809.19
3709377.59       24.76685  (18121017)
        436850.77   3709361.62       24.75079  (18120703)                436892.34
3709345.65       24.75352  (20121619)
        436933.91   3709329.67       24.45087  (18010218)                436975.49
3709313.70       24.15146  (21020202)
        437017.06   3709297.73       22.47885  (19041820)                437058.63
3709281.75       22.02608  (20010218)
        437100.97   3709279.40       22.03180  (18120819)                437144.06
3709290.65       24.64746  (20012318)
        437187.15   3709301.91       24.38278  (20020719)                437230.24
3709313.17       12.96850  (18121918)
        437273.33   3709324.43        4.67943  (20021019)                437316.42
3709335.68        4.45123  (18021922)
        437359.51   3709346.94        4.50043  (17123120)                437402.60
3709358.20        4.52346  (17022120)
        437445.69   3709369.46        4.55284  (18120916)                437488.78
3709380.71        4.87662  (19101817)
        436604.25   3709463.86       23.48555  (19122301)                436586.39
3709478.24       23.20316  (18121919)
        436568.52   3709492.63       23.30891  (18121919)                436579.97
3709363.68       21.45734  (19122301)
        436621.13   3709347.87       21.86839  (21020205)                436662.28
3709332.06       22.17775  (18122019)
        436703.44   3709316.24       22.22922  (20121322)                436744.60
3709300.43       22.14959  (17021420)
        436785.76   3709284.62       22.25288  (18121017)                436826.91
3709268.80       22.36603  (18013018)
        436868.07   3709252.99       22.50301  (20122924)                436909.23
3709237.18       22.09079  (21013119)
        436950.39   3709221.36       22.32780  (17072906)                436991.54
3709205.55       23.87361  (21020221)
        437032.70   3709189.74       22.62624  (18120701)                437095.19
3709179.50       21.83283  (18120819)
        437137.85   3709190.64       22.66923  (17011223)                437180.51
3709201.79       22.85652  (21011318)
        437223.17   3709212.93       16.27334  (17011222)                437265.83
3709224.08        4.30712  (20021019)
        437308.48   3709235.22        4.17538  (20021019)                437351.14
3709246.36        4.04477  (17123120)
        437393.80   3709257.51        4.05348  (17123120)                437436.46
3709268.65        4.08419  (17022120)
        437479.12   3709279.80        4.09177  (17022120)                437521.78
3709290.94        4.27604  (19101817)
        437564.44   3709302.09        4.46052  (20090918)                436541.53
3709385.98       21.26473  (18121919)
        436523.66   3709400.36       21.11987  (18121919)                436505.80
3709414.75       21.16463  (17122818)
        436517.84   3709285.57       19.49841  (21010118)                436539.01
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436941.27   3709122.88   19.62175 (18010218)   436962.44
3709114.75   20.04389 (17072906)

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        436983.61   3709106.62       21.35437  (21020221)                437004.78
3709098.48       22.17164  (21020221)
        437025.96   3709090.35       21.46144  (19041820)                437047.13
3709082.21       20.40801  (20122403)
        437090.24   3709079.81       17.10663  (19122017)                437112.19
3709085.54       14.89596  (18011719)
        437134.13   3709091.28       12.99679  (18011719)                437156.07
3709097.01       11.15109  (21020222)
        437178.02   3709102.74        9.77928  (18121619)                437199.96
3709108.48        7.45420  (17020424)
        437221.91   3709114.21        4.41853  (19123021)                437243.85
3709119.94        3.92567  (20021019)
        437265.79   3709125.67        3.92707  (20021019)                437287.74
3709131.41        3.90654  (20021019)
        437309.68   3709137.14        3.86452  (20021019)                437331.63
3709142.87        3.79770  (20021019)
        437353.57   3709148.61        3.71716  (18021922)                437375.51
3709154.34        3.62781  (17123120)
        437397.46   3709160.07        3.60822  (17123120)                437419.40
3709165.81        3.61329  (17123120)
        437441.35   3709171.54        3.63474  (17022120)                437463.29
3709177.27        3.68376  (17022120)
        437485.23   3709183.00        3.70904  (17022120)                437507.18
3709188.74        3.71132  (17022120)
        437529.12   3709194.47        3.72882  (17021020)                437551.07
3709200.20        3.75360  (19101817)
        437573.01   3709205.94        3.87109  (19101817)                437594.95
3709211.67        3.93103  (19101817)
        437616.90   3709217.40        4.14430  (20090918)                437638.84
3709223.14        4.57018  (20090918)
        436496.67   3709293.71       19.52347  (18121919)                436478.80
3709308.09       19.31143  (17122818)
        436460.94   3709322.48       19.38884  (17122818)                436443.08
3709336.87       19.27603  (20090520)
        436454.90   3709207.77       17.98041  (18121919)                436496.82
3709191.67       18.05347  (19122301)
        436517.78   3709183.61       18.00904  (18011620)                436559.70
3709167.51       18.14496  (21020205)
        436601.62   3709151.40       18.40762  (18122019)                436622.58
3709143.35       18.50717  (20121819)
        436664.50   3709127.24       18.38987  (18010119)                436706.42
3709111.13       18.34670  (17021420)
        436727.38   3709103.08       18.37301  (21122120)                436769.30
3709086.98       18.56482  (18121017)
        436811.22   3709070.87       18.41514  (18120703)                436853.14
3709054.76       18.25726  (20122924)
        436895.06   3709038.66       18.25758  (21122222)                436916.02
3709030.60       18.73177  (17072906)
        436957.94   3709014.50       19.12556  (17072906)                436999.86
3708998.39       18.45629  (21020221)
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        437020.82   3708990.34       18.15683  (21020221)                437084.46
3708979.91       18.76584  (20021519)
        437127.91   3708991.26       20.04959  (18120819)                437171.36
3709002.61       14.92206  (20012818)
        437214.81   3709013.96        3.55833  (17022717)                437258.26
3709025.31        3.58858  (20021019)
        437301.71   3709036.66        3.57035  (20021019)                437345.16
3709048.02        3.48904  (20021019)
        437388.61   3709059.37        3.41716  (17123120)                437432.05
3709070.72        3.37988  (17123120)
        437475.50   3709082.07        3.27725  (17022120)                437518.95
3709093.42        3.27091  (17022120)
        437562.40   3709104.77        3.29603  (17021020)                437605.85
3709116.12        3.42731  (19101817)
        437649.30   3709127.48        3.51366  (19101817)                436416.08
3709230.21       17.79502  (17122818)
        436398.22   3709244.60       17.77506  (20090520)                436380.35
3709258.98       17.75838  (20090520)
        436392.00   3709129.96       16.35408  (17122818)                436433.58
3709113.98       16.41570  (18121919)
        436475.15   3709098.01       16.69894  (21120608)                436516.72
3709082.04       16.75237  (18011620)
        436558.30   3709066.06       16.84005  (18122019)                436599.87
3709050.09       17.07251  (20121819)
        436641.44   3709034.12       17.21542  (17020808)                436683.02
3709018.14       16.96451  (17021420)
        436724.59   3709002.17       16.92629  (17101619)                436766.16
3708986.20       17.23590  (17012108)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	16.92347	(20122924)	436849.31	3708954.25	16.80449	(19120518)
436890.88	3708938.28	16.88241	(21122222)	436932.46	3708922.31	16.81523	(18010218)
436974.03	3708906.33	16.65926	(21020202)	437015.60	3708890.36	16.28818	(19041820)
437078.72	3708880.02	17.45449	(20010218)	437121.81	3708891.27	18.78929	(18120819)
437164.90	3708902.53	15.94810	(17020902)	437207.99	3708913.79	8.30910	(21020222)
437251.08	3708925.05	3.28518	(20021019)	437294.17	3708936.30	3.28994	(20021019)
437337.26	3708947.56	3.24370	(20021019)	437380.35	3708958.82	3.16192	(18021922)
437423.44	3708970.08	3.09960	(17123120)	437466.53	3708981.33	3.05699	(17123120)
437509.62	3708992.59	3.04877	(17022120)	437552.71	3709003.85	3.04900	(17022120)
437595.80	3709015.11	3.04057	(17021020)	437638.89	3709026.36	3.11978	(17021020)
437681.98	3709037.62	3.16974	(19101817)	437725.07	3709048.88	3.62822	(20090918)
436353.35	3709152.33	16.35657	(20090520)	436335.49	3709166.72	16.37140	(20090520)
436317.63	3709181.10	16.30992	(18011119)	436329.73	3709051.90	15.30587	(21011604)
436350.96	3709043.74	15.47754	(20110517)	436372.19	3709035.59	15.45501	(20110517)
436393.42	3709027.43	15.38922	(17122319)	436414.65	3709019.27	15.75230	(21120608)
436435.89	3709011.11	15.92103	(21120608)	436457.12	3709002.96	15.71196	(21120608)
436478.35	3708994.80	15.59257	(18010807)	436499.58	3708986.64	15.65117	(21013020)
436520.81	3708978.48	15.59958	(20021320)	436542.05	3708970.33	15.81884	(18122019)
436563.28	3708962.17	15.80184	(20121819)	436584.51	3708954.01	16.10020	(17020808)
436605.74	3708945.85	16.30910	(17020808)	436626.97	3708937.70	16.12120	(17020808)
436648.21	3708929.54	15.94091	(17021420)	436669.44	3708921.38	15.78085	(19012821)
436690.67	3708913.22	15.86008	(21122120)	436711.90			

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3708905.06       15.75520  (17101619)
        436733.13   3708896.91       16.06143  (17012108)                436754.37
3708888.75       16.17680  (17012108)
        436775.60   3708880.59       15.88706  (18013018)                436796.83
3708872.43       15.79262  (20122924)
        436818.06   3708864.28       15.88229  (20122924)                436839.29
3708856.12       15.67328  (19120518)
        436860.53   3708847.96       15.85134  (21013119)                436881.76
3708839.80       15.76671  (21013119)
        436902.99   3708831.65       15.50449  (21093020)                436924.22
3708823.49       15.78705  (18010218)
        436945.45   3708815.33       15.87190  (21020202)                436966.69
3708807.17       15.81888  (21020202)
        436987.92   3708799.01       15.66635  (18120701)                437009.15
3708790.86       15.18161  (19041820)
        437030.38   3708782.70       15.09797  (21020221)                437073.62
3708780.29       16.46887  (19011101)
        437095.63   3708786.04       17.34003  (20010218)                437117.64
3708791.79       17.53760  (18120819)
        437139.64   3708797.54       17.10766  (18120819)                437161.65
3708803.29       15.62634  (17011223)
        437183.66   3708809.04       12.95465  (17020902)                437205.66
3708814.79        9.02424  (21020222)
        437227.67   3708820.54        3.06446  (19123021)                437249.68
3708826.29        3.01896  (20021019)
        437271.68   3708832.04        3.03518  (20021019)                437293.69
3708837.78        3.04031  (20021019)
        437315.70   3708843.53        3.03337  (20021019)                437337.70
3708849.28        3.01385  (20021019)
        437359.71   3708855.03        2.98283  (20021019)                437381.72
3708860.78        2.94182  (20021019)
        437403.72   3708866.53        2.90589  (18021922)                437425.73
3708872.28        2.86212  (18021922)
        437447.74   3708878.03        2.83775  (17123120)                437469.74
3708883.78        2.82214  (17123120)
        437491.75   3708889.53        2.80082  (17123120)                437513.75
3708895.28        2.77034  (17123120)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
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, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437535.76   3708901.03        2.78830  (17022120)               437557.77
3708906.78        2.80154  (17022120)
        437579.77   3708912.53        2.80672  (17022120)               437601.78
3708918.28        2.79854  (17022120)
        437623.79   3708924.03        2.79734  (17021020)               437645.79
3708929.78        2.82684  (17021020)
        437667.80   3708935.52        2.87477  (17021020)               437689.81
3708941.27        2.89026  (17021020)
        437711.81   3708947.02        2.87964  (17021020)               437733.82
3708952.77        2.86584  (19101817)
        437755.83   3708958.52        3.10348  (20090918)               437777.83
3708964.27        3.37879  (20090918)
        437799.84   3708970.02        3.63945  (20090918)               436308.49
3709060.06       15.31108  (20090520)
        436290.63   3709074.45       15.30987  (20090520)               436272.77
3709088.83       15.19002  (18011119)
        436254.90   3709103.22       15.10540  (19012719)               436266.83
3708974.09       14.52153  (20090520)
        436287.89   3708965.99       14.50614  (21011604)               436308.95
3708957.90       14.74072  (20110517)
        436330.01   3708949.81       14.75162  (20110517)               436351.07
3708941.72       14.51912  (17122319)
        436372.13   3708933.63       14.78862  (21120608)               436393.19
3708925.54       15.05900  (21120608)
        436414.25   3708917.44       15.01626  (21120608)               436435.31
3708909.35       14.86097  (18010807)
        436456.37   3708901.26       14.83332  (21010507)               436477.43
3708893.17       14.84165  (21020103)
        436498.49   3708885.08       14.93415  (21020103)               436519.55
3708876.99       14.97341  (21022619)
        436540.61   3708868.90       15.11878  (17121318)               436561.67
3708860.80       15.55457  (17020808)
        436582.73   3708852.71       15.64567  (17020808)               436603.79
3708844.62       15.38602  (17020808)
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        436624.85   3708836.53       14.99041  (17021420)                436645.91
3708828.44       14.90248  (19012821)
        436666.97   3708820.35       14.88174  (21122120)                436688.03
3708812.25       14.79047  (17101619)
        436709.09   3708804.16       14.94903  (18121017)                436730.15
3708796.07       15.17487  (17012108)
        436751.21   3708787.98       15.06496  (17012108)                436772.27
3708779.89       14.75241  (18120703)
        436793.33   3708771.80       14.89765  (20122924)                436814.39
3708763.70       14.83406  (20122924)
        436835.45   3708755.61       14.65818  (21013119)                436856.51
3708747.52       14.86262  (21013119)
        436877.57   3708739.43       14.71752  (21013119)                436898.63
3708731.34       14.57227  (21093020)
        436919.69   3708723.25       14.89891  (18010218)                436940.75
3708715.15       14.95670  (21020202)
        436961.81   3708707.06       14.75999  (21020202)                436982.87
3708698.97       14.43646  (18120701)
        437003.93   3708690.88       14.23405  (21020221)                437024.99
3708682.79       14.64675  (21020221)
        437067.88   3708680.40       15.68225  (19011101)                437089.71
3708686.10       16.39428  (20010218)
        437111.54   3708691.80       16.53140  (20010218)                437133.37
3708697.51       16.20186  (18120819)
        437155.20   3708703.21       14.85994  (17011223)                437177.02
3708708.91       12.68439  (17020902)
        437220.68   3708720.32        5.82142  (18121619)                437242.51
3708726.02        2.78744  (19123021)
        437264.34   3708731.72        2.80351  (20021019)                437286.17
3708737.43        2.81808  (20021019)
        437308.00   3708743.13        2.82235  (20021019)                437351.65
3708754.54        2.79722  (20021019)
        437373.48   3708760.24        2.76667  (20021019)                437395.31
3708765.94        2.73031  (20021019)
        437417.14   3708771.64        2.69727  (18021922)                437438.97
3708777.35        2.67837  (18021922)
        437460.79   3708783.05        2.65727  (17123120)                437482.62
3708788.75        2.63420  (17123120)
        437504.45   3708794.46        2.59951  (17123120)                437526.28
3708800.16        2.57348  (17123120)
        437569.94   3708811.56        2.58454  (17022120)                437591.77
3708817.27        2.59676  (17022120)
        437613.59   3708822.97        2.59937  (17022120)                437635.42
3708828.67        2.58808  (17022120)
        437657.25   3708834.38        2.62475  (17021020)                437679.08
3708840.08        2.67022  (17021020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.68925	(17021020)	437722.74	3708851.48	2.68710	(17021020)
437744.56	3708857.19	2.67658	(17021020)	437766.39	3708862.89	2.65792	(17021020)
437810.05	3708874.30	2.92750	(20090918)	437831.88	3708880.00	3.16178	(20090918)
437853.71	3708885.70	3.38135	(20090918)	436245.77	3708982.18	14.45867	(20090520)
436227.91	3708996.56	14.28883	(18011119)	436210.04	3709010.95	14.28897	(19012719)
436192.18	3709025.34	14.35219	(18020219)	436203.96	3708896.26	14.00533	(17070206)
436245.78	3708880.19	14.02074	(17070206)	436287.61	3708864.12	14.40186	(20110517)
436329.44	3708848.05	14.22952	(21120608)	436371.26	3708831.98	14.66848	(21120608)
436413.09	3708815.91	14.14551	(18010807)	436454.92	3708799.84	14.16631	(21020103)
436496.75	3708783.77	14.21032	(17121318)	436538.57	3708767.70	14.86067	(17020808)
436580.40	3708751.63	14.74561	(17020808)	436622.23	3708735.56	14.03919	(19012821)
436664.05	3708719.49	13.92891	(21122120)	436705.88	3708703.41	14.15486	(17012108)
436747.71	3708687.34	13.99423	(18013018)	436789.53			

3708671.27 14.07885 (20122924)
436831.36 3708655.20 13.87980 (21013119) 436873.19
3708639.13 13.79634 (21013119)
436915.01 3708623.06 13.92865 (18010218) 436956.84
3708606.99 13.88630 (21020202)
436998.67 3708590.92 13.30710 (18120701) 437062.17
3708580.51 14.35508 (19011101)
437105.52 3708591.84 15.42838 (20010218) 437148.87
3708603.17 15.31853 (18120819)
437192.23 3708614.49 12.38362 (17020902) 437235.58
3708625.82 5.94766 (18121619)
437278.93 3708637.15 2.61240 (20021019) 437322.29
3708648.47 2.62495 (20021019)
437365.64 3708659.80 2.58351 (20021019) 437408.99
3708671.12 2.51035 (20021019)
437452.34 3708682.45 2.45948 (18021922) 437495.70
3708693.78 2.42496 (17123120)
437539.05 3708705.10 2.39949 (17123120) 437582.40
3708716.43 2.38989 (17022120)
437625.75 3708727.75 2.44846 (17022120) 437669.11
3708739.08 2.47304 (17022120)
437712.46 3708750.41 2.49628 (17021020) 437755.81
3708761.73 2.50176 (17021020)
437799.17 3708773.06 2.47966 (17021020) 437842.52
3708784.39 2.54843 (20090918)
437885.87 3708795.71 2.95883 (20090918) 436165.18
3708918.68 13.68780 (19012719)
436147.32 3708933.07 13.58607 (18020219) 436129.45
3708947.46 13.65556 (18020219)
437017.12 3710105.60 46.41956 (18121317) 436994.30
3710140.34 69.64071 (19012818)
436986.74 3710060.78 56.74407 (19012818) 436963.92
3710095.51 68.56483 (20121619)
436955.38 3710021.84 61.11757 (20122924) 436933.55
3710050.69 62.86172 (17012108)
436910.73 3710085.43 61.78783 (17020808) 436917.07
3709990.56 55.08609 (17012108)
436891.76 3710023.24 52.52672 (17020808) 436868.94
3710057.97 49.86312 (17020808)
436874.41 3709964.06 49.43765 (17020808) 436849.97
3709995.78 45.31680 (17020808)
436827.15 3710030.52 45.30477 (21120608) 436832.10
3709937.18 43.38937 (17020808)
436857.13 3709909.61 48.70484 (17020808) 436808.18
3709968.33 41.33476 (21120608)
436785.36 3710003.06 40.82499 (20110517) 436789.97
3709910.11 38.98891 (21120608)
436814.29 3709883.30 42.67581 (17020808) 436766.39
3709940.87 38.07507 (21120608)
436743.57 3709975.61 37.87261 (20090520) 436749.92

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436734.44   3709824.29   34.26234 (21120608)   436761.25
3709794.76   33.34920 (21020103)
        436682.82   3709885.96   32.71905 (20090520)   436660.00
3709920.70   33.70255 (20012122)
        436665.47   3709826.78   31.18415 (17070206)   436691.54
3709798.07   31.80244 (20110517)
        436717.60   3709769.35   32.18300 (21120608)   436641.03
3709858.51   30.78163 (18020219)
        436618.21   3709893.24   32.84096 (20012122)   436582.77
3709770.92   27.85574 (18020219)
        436610.57   3709740.29   27.54376 (20090520)   436638.37
3709709.66   27.60941 (20110517)
        436666.17   3709679.03   27.86472 (21120608)   436557.46
3709803.60   29.32125 (20012122)
        436534.64   3709838.33   28.63993 (20012122)   436498.56
3709716.70   26.46371 (20012122)

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        436525.10   3709687.46       25.13935  (20012122)                436551.63
3709658.23       24.82764  (18011119)
        436578.17   3709628.99       25.26863  (20090520)                436604.71
3709599.75       25.33397  (17122818)
        436473.88   3709748.69       25.56467  (20012122)                436451.06
3709783.42       25.68866  (21112723)
        436415.61   3709661.10       23.15824  (20012122)                436443.42
3709630.47       24.18525  (20012122)
        436471.22   3709599.84       23.00817  (20012122)                436499.02
3709569.21       22.82449  (18011119)
        436526.82   3709538.58       23.43458  (20090520)                436390.30
3709693.78       23.17566  (21112723)
        436367.48   3709728.51       23.77709  (20121403)                436331.54
3709606.73       21.25145  (21112723)
        436358.35   3709577.20       21.13150  (20012122)                436385.16
3709547.66       22.30785  (20012122)
        436411.97   3709518.13       21.67820  (20012122)                436438.78
3709488.59       21.19927  (18020219)
        436465.59   3709459.05       21.15471  (18011119)                436306.73
3709638.87       21.67806  (20121403)
        436283.91   3709673.60       21.98113  (20121403)                436248.46
3709551.28       19.88559  (21112723)
        436276.26   3709520.65       19.50609  (18101406)                436304.07
3709490.02       19.53207  (20012122)
        436331.87   3709459.39       20.55373  (20012122)                436359.67
3709428.76       19.87326  (20012122)
        436387.47   3709398.13       19.39236  (18020219)                436415.27
3709367.50       19.27325  (18011119)
        436223.15   3709583.96       20.38867  (20121403)                436200.33
3709618.69       19.50520  (20121403)
        436164.48   3709496.82       18.95561  (20121403)                436191.46
3709467.09       18.52505  (18101406)
        436218.45   3709437.36       18.05339  (18101406)                436245.43
3709407.63       17.84365  (20012122)
        436272.41   3709377.90       18.96991  (20012122)                436299.40
3709348.17       18.67298  (20012122)
        436326.38   3709318.44       17.85153  (18020219)                436353.37
3709288.71       17.59285  (21011503)
        436139.58   3709529.05       18.39689  (20121403)                436116.76
3709563.78       17.74341  (19111203)
        436081.31   3709441.46       17.38662  (20121403)                436109.11
3709410.83       17.64620  (20121403)
        436136.92   3709380.20       17.30574  (18101406)                436164.72
3709349.57       16.58011  (18101406)
        436192.52   3709318.94       16.69363  (20012122)                436220.32
3709288.31       17.66971  (20012122)
        436248.12   3709257.68       17.29221  (20012122)                436275.92
3709227.05       16.57868  (18020219)
        436056.00   3709474.14       16.48079  (19111203)                436033.18
3709508.87       16.08487  (19111203)
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3709364.32 14.00549 (21011719)
435866.03 3709399.05 14.49874 (21011208) 435830.28
3709277.06 13.56009 (19111203)
435857.48 3709247.10 13.84058 (19111203) 435884.68
3709217.13 14.16886 (20121403)
435911.87 3709187.17 14.68395 (20121403) 435939.07
3709157.20 14.25992 (20121403)
435966.27 3709127.24 14.24932 (18101406) 435993.47
3709097.28 13.44627 (21011601)
436020.66 3709067.31 13.57867 (21121703) 436047.86
3709037.35 14.35989 (20012122)
436075.06 3709007.38 14.52775 (20012122) 436102.26
3708977.42 13.77265 (20012122)
435805.27 3709309.41 13.41382 (21122223) 435782.45
3709344.14 14.03912 (21011208)
436986.12 3710169.40 80.37384 (20121619) 436986.86
3710192.47 85.33188 (20121619)
436987.61 3710215.54 90.04419 (20121619) 436941.60
3710151.64 73.82427 (17012108)
436936.89 3710194.09 79.09906 (17020808) 436937.63
3710217.16 82.43427 (17020808)
436892.31 3710150.83 57.82862 (17020808) 436898.45
3710129.03 59.66618 (17020808)
436904.59 3710107.23 60.97376 (17020808) 436886.17
3710172.63 58.57598 (21120608)
436886.91 3710195.70 60.09478 (21120608) 436887.66
3710218.77 61.03877 (21120608)
436841.65 3710154.87 51.61018 (20090520) 436852.57
3710116.11 51.58666 (21120608)
436836.94 3710197.32 54.32540 (20012122) 436837.68
3710220.39 55.61171 (20012122)
436792.07 3710155.10 48.47920 (20012122) 436803.76
3710113.57 46.53554 (20090520)
436815.46 3710072.04 45.62688 (20110517) 436786.97
3710198.93 47.39830 (20012122)
436787.71 3710222.00 48.69281 (20121403) 436742.39
3710155.67 42.99806 (20121403)
436748.53 3710133.87 43.53559 (20012122) 436754.66
3710112.07 44.19615 (20012122)
436760.80 3710090.27 43.80034 (20012122) 436766.94
3710068.47 42.00047 (18020219)
436773.08 3710046.66 42.13032 (20090520) 436779.22
3710024.86 41.39518 (17122818)
436736.25 3710177.47 43.14586 (20121403) 436736.99
3710200.54 42.91204 (20121403)
436737.74 3710223.61 42.39045 (20122708) 436692.00
3710158.74 39.08309 (20121403)
436703.46 3710118.04 39.73932 (20121403) 436714.92
3710077.35 40.56397 (20012122)
436726.38 3710036.65 40.18555 (20012122) 436687.02

3710202.16   39.01816 (21011208)
        436687.76   3710225.23   39.42201 (21011208)   436642.25
3710159.56   35.70445 (21011208)
        436654.16   3710117.28   36.59720 (20121403)   436666.07
3710075.00   36.93030 (20121403)
        436677.97   3710032.71   37.62107 (20012122)   436689.88
3709990.43   37.36478 (20012122)
        436637.04   3710203.77   36.03937 (20122108)   436637.79
3710226.84   36.01792 (20122108)
        436592.46   3710160.51   33.64566 (20122108)   436598.60
3710138.71   33.63508 (21011208)
        436604.74   3710116.91   33.43856 (20121403)   436610.88
3710095.11   34.01407 (20121403)
        436617.02   3710073.31   34.56962 (20121403)   436623.16
3710051.51   34.85891 (20121403)
        436629.30   3710029.70   34.51349 (20121403)   436635.44
3710007.90   34.36391 (20012122)
        436641.58   3709986.10   35.02484 (20012122)   436647.72
3709964.30   35.29411 (20012122)
        436653.86   3709942.50   34.91450 (20012122)   436586.32
3710182.31   33.39939 (20122108)
        436587.07   3710205.38   33.63773 (17050206)   436587.81
3710228.45   34.34306 (19120805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

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        436311.35   3709927.84       23.13171  (20122108)                436317.59
3709905.69       23.10177  (20122108)
        436323.82   3709883.54       22.78035  (21011607)                436330.06
3709861.40       22.83257  (21011603)
        436336.30   3709839.25       22.86428  (21011719)                436342.54
3709817.10       22.76432  (20121403)
        436348.77   3709794.95       23.55938  (20121403)                436355.01
3709772.81       24.02014  (20121403)
        436361.25   3709750.66       24.10877  (20121403)                436236.51
3710193.61       26.46248  (21090405)
        436237.25   3710216.68       26.49807  (21090405)                436238.00
3710239.75       26.48960  (18121805)
        436142.70   3710175.04       24.32992  (21090405)                436148.84
3710153.24       24.57752  (21090405)
        436154.98   3710131.43       24.56263  (21090405)                436161.12
3710109.63       24.27945  (21090405)
        436167.26   3710087.83       23.64750  (21090405)                436173.40
3710066.03       22.55962  (21090405)
        436179.54   3710044.23       22.78370  (19120805)                436185.68
3710022.43       22.72806  (19120805)
        436191.81   3710000.62       22.32608  (19120805)                436197.95
3709978.82       21.53469  (19120805)
        436204.09   3709957.02       21.42151  (21011402)                436210.23
3709935.22       21.09695  (17121003)
        436216.37   3709913.42       21.07581  (20100124)                436222.51
3709891.62       21.15349  (18020421)
        436228.65   3709869.82       20.98432  (20122106)                436234.79
3709848.01       21.09787  (20122108)
        436240.93   3709826.21       20.97373  (20122108)                436247.07
3709804.41       20.86250  (21122223)
        436253.21   3709782.61       20.80195  (21011603)                436259.35
3709760.81       20.83168  (21011719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	20.92394	(19111203)	436271.63	3709717.20	21.11770	(20121403)
436277.77	3709695.40	21.70590	(20121403)	436136.56	3710196.84	24.24472	(18121805)
436137.30	3710219.91	24.66058	(18121805)	436138.05	3710242.98	24.84269	(18121805)
436042.67	3710178.53	22.83124	(18121805)	436054.80	3710135.47	22.50424	(21090405)
436066.93	3710092.40	22.92699	(21090405)	436072.99	3710070.87	22.71620	(21090405)
436085.12	3710027.81	21.28409	(21090405)	436097.25	3709984.74	21.10837	(19120805)
436109.38	3709941.68	20.52825	(19120805)	436121.50	3709898.61	19.74030	(21011402)
436133.63	3709855.55	19.37137	(20100124)	436145.76	3709812.48	19.38017	(18020421)
436157.89	3709769.42	19.30069	(20122108)	436170.01	3709726.35	19.32476	(21122223)
436182.14	3709683.29	18.90766	(21011719)	436037.36	3710223.14	22.72500	(18121805)
436038.10	3710246.21	22.74734	(20101104)	435942.87	3710181.24	21.14971	(20101104)
435949.08	3710159.19	21.36971	(18121805)	435955.29	3710137.14	21.29472	(18121805)
435961.50	3710115.09	20.89514	(18121805)	435967.71	3710093.03	20.91062	(21090405)
435973.92	3710070.98	21.34482	(21090405)	435980.13	3710048.93	21.45687	(21090405)
435986.34	3710026.88	21.24838	(21090405)	435992.55	3710004.82	20.71163	(21090405)
435998.76	3709982.77	19.81329	(21090405)	436004.97	3709960.72	19.22494	(19120805)
436011.18	3709938.67	19.56113	(19120805)	436017.39	3709916.62	19.57470	(19120805)
436023.60	3709894.56	19.25908	(19120805)	436029.81	3709872.51	18.60636	(19120805)
436036.02	3709850.46	18.26019	(21011402)	436042.23	3709828.41	18.19547	(21011402)
436048.44	3709806.36	17.97582	(20022102)	436054.66			

3709784.30   17.94292 (20022806)
        436060.87   3709762.25   17.95789 (18020421)   436067.08
3709740.20   17.91581 (18020421)
        436073.29   3709718.15   17.69582 (20122106)   436079.50
3709696.10   17.76303 (20122108)
        436085.71   3709674.04   17.62078 (20122108)   436091.92
3709651.99   17.83605 (21122223)
        436098.13   3709629.94   17.78536 (21122223)   436104.34
3709607.89   17.43604 (21122223)
        436110.55   3709585.83   17.62747 (19111203)   435936.66
3710203.29   21.17453 (20101104)
        435937.41   3710226.36   21.03778 (20101104)   435938.15
3710249.43   21.02968 (20112424)
        435842.85   3710184.72   19.75032 (20101104)   435848.99
3710162.92   19.95606 (20101104)
        435855.13   3710141.12   19.86747 (20101104)   435861.27
3710119.32   20.05212 (18121805)
        435867.41   3710097.51   19.95498 (18121805)   435873.55
3710075.71   19.53711 (18121805)
        435879.69   3710053.91   19.39121 (21090405)   435885.83
3710032.11   19.92034 (21090405)
        435891.97   3710010.31   20.13345 (21090405)   435898.11
3709988.51   20.03199 (21090405)
        435904.25   3709966.70   19.61405 (21090405)   435910.39
3709944.90   18.86147 (21090405)
        435916.53   3709923.10   17.76875 (21090405)   435922.67
3709901.30   17.98621 (19120805)
        435928.81   3709879.50   18.25353 (19120805)   435934.95
3709857.70   18.21849 (19120805)
        435941.09   3709835.90   17.87878 (19120805)   435947.23
3709814.09   17.23542 (19120805)
        435953.37   3709792.29   16.95919 (21011406)   435959.51
3709770.49   16.92656 (21011402)
        435965.65   3709748.69   16.76476 (20022804)   435971.78
3709726.89   16.67422 (20022102)
        435977.92   3709705.09   16.57721 (20022806)   435984.06
3709683.28   16.54051 (18020421)
        435990.20   3709661.48   16.36000 (18020421)   435996.34
3709639.68   16.50105 (20122108)
        436002.48   3709617.88   16.62346 (20122108)   436008.62
3709596.08   16.61303 (21011208)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436014.76   3709574.28   16.51090 (21011208)   436020.90
3709552.48   16.38840 (21122223)
        436027.04   3709530.67   16.07498 (21122223)   435836.72
3710206.52   19.22191 (20101104)
        435837.46   3710229.59   19.83369 (20112424)   435838.21
3710252.66   20.29345 (20112424)
        435742.85   3710188.16   18.24901 (20112424)   435748.93
3710166.56   18.27360 (20101104)
        435761.09   3710123.37   18.84044 (20101104)   435773.25
3710080.19   18.89553 (18121805)
        435779.33   3710058.59   18.78540 (18121805)   435791.50
3710015.40   17.98845 (21090405)
        435797.58   3709993.81   18.60349 (21090405)   435809.74
3709950.62   18.92554 (21090405)
        435821.90   3709907.43   18.03108 (21090405)   435827.98
3709885.84   17.11708 (21090405)
        435840.15   3709842.65   16.86457 (19120805)   435846.23
3709821.06   17.07408 (19120805)
        435858.39   3709777.87   16.66615 (19120805)   435870.55
3709734.68   15.71278 (21011406)
        435876.63   3709713.09   15.71004 (21011402)   435888.79
3709669.90   15.57993 (18011208)
        435894.87   3709648.31   15.32369 (18120808)   435907.04
3709605.12   15.33926 (18020421)
        435919.20   3709561.93   15.57514 (20122108)   435925.28
3709540.34   15.62323 (20122108)
        435937.44   3709497.15   15.54978 (21011208)   435737.51
3710232.82   19.10865 (20112424)
        435738.26   3710255.89   19.29240 (19121506)   435643.01
3710190.98   17.85277 (20112424)

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        435649.21   3710168.98       17.41907  (20112424)              435655.40
3710146.98       16.76691  (20101104)
        435661.60   3710124.98       17.41837  (20101104)              435667.79
3710102.99       17.73919  (20101104)
        435673.99   3710080.99       17.76424  (20101104)              435680.18
3710058.99       17.78575  (18121805)
        435686.38   3710036.99       17.91836  (18121805)              435692.57
3710015.00       17.73765  (18121805)
        435698.77   3709993.00       17.24995  (18121805)              435704.96
3709971.00       16.95736  (21090405)
        435711.16   3709949.00       17.57282  (21090405)              435717.35
3709927.00       17.88993  (21090405)
        435723.55   3709905.01       17.90601  (21090405)              435729.74
3709883.01       17.61597  (21090405)
        435735.94   3709861.01       17.02458  (21090405)              435742.13
3709839.01       16.13212  (21090405)
        435748.33   3709817.01       15.25060  (19120805)              435754.52
3709795.02       15.74967  (19120805)
        435760.72   3709773.02       16.02499  (19120805)              435766.91
3709751.02       16.05507  (19120805)
        435773.11   3709729.02       15.82124  (19120805)              435779.30
3709707.02       15.35426  (19120805)
        435785.50   3709685.03       14.78165  (21040903)              435791.69
3709663.03       14.79574  (19121508)
        435797.89   3709641.03       14.82757  (18011208)              435804.08
3709619.03       14.86925  (18011208)
        435810.28   3709597.03       14.77777  (18120808)              435816.47
3709575.04       14.75560  (18120808)
        435822.66   3709553.04       14.56233  (18020108)              435828.86
3709531.04       14.37622  (18020421)
        435835.05   3709509.04       14.52544  (20122108)              435841.25
3709487.04       14.76552  (20122108)
        435847.44   3709465.05       14.79493  (20122108)              435853.64
3709443.05       14.85880  (21011208)
        435859.83   3709421.05       14.77775  (21011208)              435636.82
3710212.98       17.97635  (20112424)
        435637.56   3710236.05       18.13780  (19121506)              435638.31
3710259.12       18.07115  (19121506)
        435543.01   3710194.40       17.00249  (19121506)              435549.15
3710172.60       16.95540  (20112424)
        435555.29   3710150.80       16.65579  (20112424)              435561.43
3710129.00       16.07851  (20112424)
        435567.57   3710107.20       16.01777  (20101104)              435573.71
3710085.40       16.55691  (20101104)
        435579.85   3710063.59       16.81379  (20101104)              435585.99
3710041.79       16.78552  (20101104)
        435592.13   3710019.99       16.97389  (18121805)              435598.27
3709998.19       17.10680  (18121805)
        435604.41   3709976.39       16.93129  (18121805)              435610.55
3709954.59       16.46883  (18121805)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	15.88744	(21090405)	435622.83	3709910.98	16.60143	(21090405)
435628.96	3709889.18	17.02475	(21090405)	435635.10	3709867.38	17.15235	(21090405)
435641.24	3709845.58	16.98590	(21090405)	435647.38	3709823.78	16.52968	(21090405)
435653.52	3709801.98	15.79226	(21090405)	435659.66	3709780.17	14.77460	(21090405)
435665.80	3709758.37	14.58177	(19120805)	435671.94	3709736.57	14.97424	(19120805)
435678.08	3709714.77	15.18849	(19120805)	435684.22	3709692.97	15.19988	(19120805)
435690.36	3709671.17	14.96674	(19120805)	435696.50	3709649.36	14.51525	(19120805)
435702.64	3709627.56	13.99515	(20010708)	435708.78	3709605.76	14.03180	(19121508)
435714.92	3709583.96	14.20938	(18121508)	435721.06	3709562.16	14.36018	(18011208)
435727.20	3709540.36	14.35789	(18120808)	435733.34	3709518.56	14.41146	(18120808)
435739.48	3709496.75	14.22344	(18120808)	435745.62			

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3709474.95       13.95676  (18020108)
        435751.76   3709453.15       13.57066  (18020108)                435757.89
3709431.35       13.88841  (20122108)
        435764.03   3709409.55       14.05172  (20122108)                435770.17
3709387.75       14.07592  (21011208)
        435776.31   3709365.94       14.15574  (21011208)                435536.87
3710216.20       17.06088  (19121506)
        435537.62   3710239.27       16.90077  (19121506)                435538.36
3710262.34       16.45240  (19121506)
        436998.29   3710253.17       91.86438  (17020905)                437006.23
3710275.99       94.14301  (17022121)
        437014.16   3710298.81      103.53445  (17021018)                436943.13
3710246.78       88.20005  (17020808)
        436951.07   3710269.60       93.91586  (17020808)                436959.00
3710292.42      102.57039  (20121819)
        436966.94   3710315.24      111.40753  (20121819)                436891.78
3710240.99       62.76309  (20110517)
        436895.90   3710263.20       64.50787  (20110517)                436903.84
3710286.02       68.16360  (20110517)
        436911.78   3710308.84       73.47775  (20110517)                436919.71
3710331.66       80.72650  (20012122)
        436845.01   3710259.88       56.66209  (20012122)                436856.62
3710302.45       59.30174  (20121403)
        436864.55   3710325.27       60.91235  (20121403)                436872.49
3710348.09       62.05365  (20121403)
        436798.02   3710277.54       49.04483  (20121403)                436809.39
3710318.87       51.68426  (21011208)
        436817.33   3710341.69       52.56542  (21011208)                436825.26
3710364.51       54.24874  (19120805)
        436750.11   3710290.26       44.61422  (20122108)                436745.98
3710268.05       44.24167  (21011208)
        436741.86   3710245.83       43.46876  (21011208)                436754.23
3710312.48       44.95737  (19120805)
        436762.16   3710335.30       47.30242  (19120805)                436770.10
3710358.12       48.72655  (21090405)
        436778.04   3710380.94       51.00863  (21090405)                436703.15
3710308.17       42.24225  (19120805)
        436695.46   3710266.70       39.90790  (17050206)                436714.94
3710351.72       45.19677  (21090405)
        436722.88   3710374.54       46.24529  (21090405)                436730.81
3710397.36       47.13650  (18121805)
        436655.38   3710321.63       40.76413  (21090405)                436650.98
3710297.93       38.91062  (21090405)
        436646.58   3710274.24       38.14016  (19120805)                436642.19
3710250.54       36.73627  (19120805)
        436659.78   3710345.33       41.54934  (21090405)                436667.71
3710368.15       42.01304  (18121805)
        436675.65   3710390.97       43.04890  (18121805)                436683.59
3710413.79       43.73214  (18121805)
        436608.43   3710339.54       38.50872  (21090405)                436604.31
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3710317.32   38.23551 (21090405)
        436600.18   3710295.10   37.47284 (21090405)   436591.94
3710250.67   35.23581 (19120805)
        436612.55   3710361.75   39.01273 (18121805)   436620.49
3710384.57   39.73020 (18121805)
        436628.43   3710407.39   40.33250 (18121805)   436636.36
3710430.21   41.07563 (18121805)
        436561.40   3710357.02   36.66699 (18121805)   436553.55
3710314.70   35.87399 (21090405)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436545.69   3710272.38   34.91968 (21090405)   436573.26
3710401.00   37.71008 (18121805)
        436581.20   3710423.82   38.50708 (18121805)   436589.14
3710446.64   39.50486 (21090405)
        436466.75   3710388.81   33.86501 (18121805)   436462.63
3710366.59   33.38235 (18121805)
        436454.38   3710322.16   32.48568 (18121805)   436450.26
3710299.94   32.14719 (21090405)
        436446.14   3710277.73   31.88793 (21090405)   436442.02
3710255.51   31.58420 (21090405)
        436470.88   3710411.03   34.35320 (18121805)   436478.81
3710433.85   34.87235 (18121805)

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        436486.75   3710456.67       35.17401  (19121506)                436494.69
3710479.49       36.12545  (19121506)
        436372.15   3710420.84       31.20946  (19121506)                436367.87
3710397.80       30.52996  (19121506)
        436363.60   3710374.76       30.55563  (18121805)                436359.32
3710351.72       30.37847  (18121805)
        436355.05   3710328.68       30.06815  (18121805)                436350.77
3710305.64       29.69076  (18121805)
        436346.50   3710282.60       29.27621  (21090405)                436342.22
3710259.56       29.08392  (21090405)
        436376.43   3710443.88       31.81162  (19121506)                436384.36
3710466.70       32.36460  (19121506)
        436392.30   3710489.52       32.65658  (19121506)                436400.24
3710512.34       32.50913  (19121506)
        436277.58   3710453.03       29.11415  (19121506)                436273.18
3710429.33       29.04512  (19121506)
        436268.78   3710405.63       28.68716  (19121506)                436264.38
3710381.94       28.14632  (19121506)
        436259.99   3710358.24       27.43328  (19121506)                436255.59
3710334.54       27.33055  (18121805)
        436251.19   3710310.84       27.42208  (18121805)                436246.79
3710287.15       27.28318  (18121805)
        436242.39   3710263.45       26.97166  (18121805)                436281.98
3710476.73       28.72257  (19121506)
        436289.91   3710499.55       28.05287  (21110503)                436297.85
3710522.37       28.49601  (20020723)
        436305.79   3710545.19       29.88930  (20020723)                436183.40
3710487.36       25.82851  (21110503)
        436175.16   3710442.93       26.08454  (19121506)                436171.03
3710420.71       26.47926  (19121506)
        436166.91   3710398.49       26.50809  (19121506)                436162.79
3710376.28       26.27489  (19121506)
        436158.66   3710354.06       25.83765  (19121506)                436154.54
3710331.84       25.26264  (20112424)
        436146.29   3710287.41       24.66256  (18121805)                436142.17
3710265.19       24.86047  (18121805)
        436187.52   3710509.57       25.94007  (21110503)                436195.46
3710532.39       26.90397  (20020723)
        436203.40   3710555.21       28.05850  (20020723)                436211.33
3710578.03       28.94537  (20020723)
        436088.85   3710519.64       24.38419  (20020723)                436084.62
3710496.85       23.92274  (21110503)
        436080.39   3710474.07       23.95775  (21110503)                436076.16
3710451.28       23.67456  (21110503)
        436071.93   3710428.49       23.25728  (19121506)                436067.70
3710405.71       24.01119  (19121506)
        436063.47   3710382.92       24.34105  (19121506)                436059.24
3710360.14       24.33562  (19121506)
        436055.02   3710337.35       24.05997  (19121506)                436050.79
3710314.56       23.60327  (20112424)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	21.67114	(20112424)	435998.62	3710575.27	24.56150	(20020723)
436006.56	3710598.09	24.70699	(20020723)	436014.50			

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3710620.91       24.34119  (20020723)
        436022.43   3710643.73       23.37690  (20020723)                435899.77
3710584.43       22.82994  (20020723)
        435895.38   3710560.73       22.64193  (20020723)                435890.98
3710537.03       22.04241  (20020723)
        435886.58   3710513.33       21.08065  (20020723)                435882.18
3710489.64       20.02718  (21110503)
        435877.79   3710465.94       20.64706  (21110503)                435873.39
3710442.24       20.84359  (21110503)
        435868.99   3710418.54       20.68729  (21110503)                435864.59
3710394.85       20.22890  (21110503)
        435860.19   3710371.15       19.52399  (19121506)                435855.80
3710347.45       20.32598  (19121506)
        435851.40   3710323.75       20.74416  (19121506)                435847.00
3710300.06       20.81737  (19121506)
        435842.60   3710276.36       20.58185  (19121506)                435904.17
3710608.12       22.53432  (20020723)
        435912.11   3710630.94       21.79649  (20020723)                435920.05
3710653.76       20.50157  (20020723)
        435927.98   3710676.58       20.41834  (18012918)                435805.52
3710618.32       20.55001  (20020723)
        435801.31   3710595.67       21.14284  (20020723)                435797.11
3710573.02       21.28636  (20020723)
        435792.91   3710550.36       21.03623  (20020723)                435788.70
3710527.71       20.43015  (20020723)
        435784.50   3710505.06       19.49018  (20020723)                435780.30
3710482.41       18.62152  (21120204)
        435776.09   3710459.76       19.00010  (21110503)                435771.89
3710437.10       19.38377  (21110503)
        435767.68   3710414.45       19.44359  (21110503)                435763.48
3710391.80       19.21442  (21110503)
        435759.28   3710369.15       18.72183  (21110503)                435755.07
3710346.50       17.97064  (21110503)
        435750.87   3710323.84       18.72880  (19121506)                435746.66
3710301.19       19.20733  (19121506)
        435742.46   3710278.54       19.38765  (19121506)                435809.72
3710640.97       19.48869  (20020723)
        435817.66   3710663.79       18.68268  (17021608)                435825.60
3710686.61       18.78552  (17031607)
        435833.53   3710709.43       18.84400  (17031607)                435711.00
3710650.78       19.08429  (17021608)
        435706.72   3710627.74       19.04207  (20020723)                435702.44
3710604.70       19.63823  (20020723)
        435698.17   3710581.66       19.91609  (20020723)                435693.89
3710558.63       19.89182  (20020723)
        435689.62   3710535.59       19.51112  (20020723)                435685.34
3710512.55       18.80964  (20020723)
        435681.07   3710489.51       17.85033  (20020723)                435676.79
3710466.47       17.30951  (21120204)
        435672.51   3710443.43       17.67137  (21110503)                435668.24
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3710420.39       18.09705  (21110503)
        435663.96   3710397.35       18.19571  (21110503)                435659.69
3710374.31       18.00871  (21110503)
        435655.41   3710351.27       17.55472  (21110503)                435651.14
3710328.23       16.82257  (21110503)
        435646.86   3710305.19       17.16617  (19121506)                435642.59
3710282.16       17.76248  (19121506)
        435715.27   3710673.82       18.58898  (17021608)                435723.21
3710696.64       18.68770  (17031607)
        435731.14   3710719.46       18.66297  (17031607)                435739.08
3710742.28       18.93315  (19010608)
        435616.48   3710683.29       17.69427  (17031607)                435612.14
3710659.90       18.23355  (17021608)
        435607.80   3710636.51       18.43064  (17021608)                435603.46
3710613.13       19.04081  (20020723)
        435599.12   3710589.74       19.82432  (20020723)                435594.78
3710566.36       20.12907  (20020723)
        435590.44   3710542.97       19.97625  (20020723)                435586.10
3710519.59       19.38494  (20020723)
        435581.76   3710496.20       18.45286  (20020723)                435577.42
3710472.81       17.02423  (20020723)
        435573.08   3710449.43       16.26288  (21123108)                435568.74
3710426.04       16.67788  (21110503)
        435564.40   3710402.66       17.06059  (21110503)                435560.06
3710379.27       17.13562  (21110503)
        435555.72   3710355.89       16.96163  (21110503)                435551.38
3710332.50       16.50458  (21110503)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435547.04	3710309.12	15.76826	(21110503)	435542.70	3710285.73	15.77439	(19121506)
435620.82	3710706.67	17.94833	(17031607)	435628.76	3710729.49	17.98098	(19010608)
435636.69	3710752.31	18.44886	(19010608)	435644.63	3710775.13	19.22108	(18012708)
437027.39	3710326.68	112.05601	(17022717)	437038.31	3710349.01	156.92992	(17022717)
437049.22	3710371.33	218.71971	(17022717)	436982.47	3710348.64	128.80630	(21013120)
436993.39	3710370.97	145.26523	(21013120)	437004.30	3710393.30	166.68337	(21013120)
436937.55	3710370.61	101.31443	(20012122)	436948.47	3710392.93	115.61852	(20012122)
436959.39	3710415.26	127.95300	(20012122)	436881.72	3710370.24	63.44135	(21011208)
436892.63	3710392.57	67.10079	(21011208)	436903.55	3710414.89	76.23085	(20110517)
436914.47	3710437.22	96.92202	(21090405)	436836.80	3710392.20	57.12724	(19120805)
436847.72	3710414.53	59.92527	(21090405)	436858.63	3710436.86	62.96316	(21090405)
436869.55	3710459.18	76.82149	(20012122)	436791.88	3710414.17	53.07793	(18121805)
436802.80	3710436.49	54.80383	(18121805)	436813.71	3710458.82	56.84164	(18121805)
436824.63	3710481.15	66.72764	(20121403)	436746.96	3710436.13	48.84457	(18121805)
436757.88	3710458.46	49.83624	(18121805)	436768.80	3710480.78	52.46626	(18121805)
436779.71	3710503.11	57.03648	(19120805)	436692.82	3710435.94	44.48116	(18121805)
436702.05	3710458.09	45.43546	(18121805)	436712.96	3710480.42	47.06700	(18121805)
436723.88	3710502.75	49.15710	(18121805)	436734.80	3710525.07	51.33303	(18121805)
436650.21	3710463.44	42.79861	(18121805)	436668.04	3710502.38	45.58970	(18121805)
436678.96	3710524.71	47.16905	(18121805)	436689.88	3710547.04	48.59962	(18121805)
436604.52	3710483.56	41.36922	(18121805)	436623.13	3710524.34	43.10753	(19121506)
436634.04	3710546.67	44.44017	(19121506)	436644.96	3710569.00	45.33797	(19121506)

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        436513.14   3710523.79       37.60883  (19121506)                436503.92
3710501.64       36.99718  (19121506)
        436522.37   3710545.94       37.80307  (19121506)                436533.29
3710568.27       38.23672  (20020723)
        436544.21   3710590.60       40.47011  (20020723)                436555.12
3710612.92       42.19808  (20020723)
        436424.46   3710570.49       34.47328  (20020723)                436443.45
3710612.20       36.81003  (20020723)
        436454.37   3710634.52       37.10643  (20020723)                436465.29
3710656.85       36.49332  (20020723)
        436333.47   3710611.64       32.77794  (20020723)                436324.24
3710589.49       32.16984  (20020723)
        436315.01   3710567.34       31.13964  (20020723)                436342.70
3710633.79       32.73077  (20020723)
        436353.62   3710656.12       31.92290  (20020723)                436364.53
3710678.45       31.21839  (18020722)
        436375.45   3710700.77       31.90902  (21012123)                436244.56
3710657.78       28.10513  (20020723)
        436227.95   3710617.91       29.55685  (20020723)                436263.78
3710700.05       28.00771  (18121221)
        436274.70   3710722.37       28.65941  (21012123)                436285.61
3710744.70       29.19925  (19122020)
        436153.80   3710699.49       25.04604  (17120201)                436144.57
3710677.34       24.78748  (18012918)
        436135.34   3710655.19       25.24927  (20020723)                436126.11
3710633.04       26.40774  (20020723)
        436163.03   3710721.65       25.38148  (18121221)                436173.94
3710743.97       25.90611  (20022703)
        436184.86   3710766.30       26.32360  (19122020)                436195.78
3710788.63       26.95942  (21011706)
        436064.73   3710745.27       23.14496  (20022703)                436047.81
3710704.65       22.73074  (17120201)
        436084.11   3710787.90       23.86432  (18011820)                436095.03
3710810.22       24.32796  (18011820)
        436105.94   3710832.55       24.47357  (18121422)                435974.13
3710787.34       21.29703  (18120419)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
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L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	21.08924	(20022703)	435955.67	3710743.04	20.88644	(17121219)
435946.44	3710720.89	20.54070	(17120201)	435937.21	3710698.74	20.36118	(17120201)
435983.36	3710809.50	21.58010	(18011820)	435994.27	3710831.82	21.83186	(18011820)
436005.19	3710854.15	22.00576	(19011808)	436016.11	3710876.48	22.36618	(21012201)
435884.95	3710832.85	20.45571	(18012708)	435867.81	3710791.71	21.06720	(18012708)
435850.67	3710750.57	19.59542	(18012708)	435904.44	3710875.75	21.93012	(19011808)
435915.35	3710898.08	21.85610	(19011808)	435926.27	3710920.40	21.21654	(21011420)
435794.45	3710875.20	20.93202	(19011808)	435785.23	3710853.04	20.30591	(19011808)
435776.00	3710830.89	21.13254	(18012708)	435766.77	3710808.74	21.34468	(18012708)
435757.54	3710786.59	20.81059	(18012708)	435748.31	3710764.43	19.68481	(18012708)
435803.68	3710897.35	21.11127	(19011808)	435814.60	3710919.67	20.81278	(19011808)
435825.52	3710942.00	20.11705	(19011808)	435836.43	3710964.33	19.75712	(21011420)
435705.19	3710920.51	20.21364	(19011808)	435687.89	3710878.97	19.78794	(19011808)
435670.59	3710837.43	20.61642	(18012708)	435724.76	3710963.60	19.53196	(19011808)
435735.68	3710985.93	18.77948	(21011420)	435746.60	3711008.25	18.38346	(21012124)
437052.65	3710321.47	126.83132	(17022717)	437017.82	3710373.27	151.77744	(18010318)
436964.72	3710362.63	119.33360	(18011620)	436881.73	3710306.83	64.77539	(20012122)
436863.46	3710244.40	60.07609	(20012122)	436828.63			

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3710296.20       54.15047  (20121403)
        436810.36   3710233.77       51.06330  (20121403)                436662.66
3710184.60       37.29467  (21011208)
        436538.19   3710100.90       30.95966  (20122108)                436383.83
3709972.03       25.16236  (20122108)
        436289.23   3709933.50       22.58581  (18020421)                436123.27
3709821.90       19.07007  (18020421)
        435920.75   3709585.43       15.44463  (20122108)                436987.78
3710422.82      154.63626  (20013119)
        436981.82   3710445.14      154.51579  (21121703)                436975.87
3710467.47      153.73903  (21121703)
        436969.92   3710489.80      165.00569  (21090405)                436921.61
3710476.92      122.36982  (21090405)
        436904.79   3710367.02       72.09173  (20121403)                436851.94
3710364.15       58.27380  (21011208)
        436776.67   3710438.27       51.81237  (18121805)                436746.22
3710358.41       47.46753  (21090405)
        436726.55   3710282.45       42.34203  (20122108)                436691.95
3710367.85       43.79160  (21090405)
        436618.82   3710281.14       36.85093  (21090405)                436589.38
3710364.41       37.98269  (18121805)
        436570.02   3710269.33       35.29831  (21090405)                436612.64
3710175.47       34.66382  (20122108)
        436535.11   3710373.86       35.83669  (18121805)                436465.44
3710261.09       32.31441  (21090405)
        436483.63   3710221.04       31.11032  (21090405)                436501.81
3710180.99       30.74977  (19120805)
        436520.00   3710140.95       30.48943  (20122108)                436438.49
3710348.09       32.43077  (18121805)
        436369.27   3710234.32       29.54323  (21090405)                436378.82
3710213.30       29.44594  (21090405)
        436388.37   3710192.27       28.91712  (21090405)                436397.91
3710171.25       28.30192  (19120805)
        436407.46   3710150.22       28.23429  (19120805)                436417.01
3710129.20       27.74311  (19120805)
        436426.56   3710108.17       27.36915  (17050206)                436436.11
3710087.15       27.19295  (17050206)
        436445.65   3710066.12       27.47253  (20122108)                436272.19
3710209.56       27.28597  (21090405)
        436290.38   3710169.51       27.08413  (21090405)                436308.56
3710129.47       25.87051  (19120805)
        436326.75   3710089.42       25.63216  (19120805)                436344.94
3710049.37       24.69847  (21011402)
        436363.12   3710009.32       24.66426  (18020421)                436175.92
3710183.03       25.10582  (21090405)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436185.36	3710162.23	25.30402	(21090405)	436194.80	3710141.44	25.25877	(21090405)
436204.25	3710120.64	24.92115	(21090405)	436213.69	3710099.85	24.15612	(21090405)
436223.13	3710079.06	23.78039	(19120805)	436232.58	3710058.26	23.86201	(19120805)
436242.02	3710037.47	23.57826	(19120805)	436251.46	3710016.67	22.86283	(19120805)
436260.90	3709995.88	22.69149	(21011402)	436270.35	3709975.09	22.47166	(17101622)
436279.79	3709954.29	22.53808	(18020421)	436166.47	3710203.82	24.73316	(18121805)
436160.52	3710226.15	25.10280	(18121805)	436078.94	3710158.03	22.78245	(21090405)
436097.13	3710117.98	23.55098	(21090405)	436115.32	3710077.94	23.17193	(21090405)
436133.50	3710037.89	21.70726	(19120805)	436151.69	3709997.84	21.98135	(19120805)
436169.88	3709957.79	20.84054	(19120805)	436188.06	3709917.75	20.61849	(17121003)
436063.90	3710200.38	23.32637	(18121805)	435982.60	3710131.64	21.42441	(18121805)
435991.98	3710110.99	21.20875	(21090405)	436001.36	3710090.34	21.76263	(21090405)
436010.74	3710069.69	21.98414	(21090405)	436020.11	3710049.04	21.88451	(21090405)

436029.49 3710028.39 21.45612 (21090405) 436038.87 3710007.74 20.66043 (21090405)
436048.25 3709987.09 20.01177 (19120805) 436057.62 3709966.45 20.38126 (19120805)
436067.00 3709945.80 20.40312 (19120805) 436076.38 3709925.15 20.06588 (19120805)
436085.76 3709904.50 19.35226 (19120805) 436095.13 3709883.85 19.27522 (21011402)
436104.51 3709863.20 19.13242 (20022804) 436113.89 3709842.55 19.02995 (20022102)
435973.23 3710152.29 21.67060 (18121805) 435967.27 3710174.62 21.65167 (18121805)
435961.32 3710196.94 21.49245 (20101104) 435894.79 3710086.48 19.88341 (18121805)
435912.98 3710046.43 20.32278 (21090405) 435931.16 3710006.38 20.52520 (21090405)
435949.35 3709966.34 19.46325 (21090405) 435967.54 3709926.29 18.73361 (19120805)
435985.72 3709886.24 18.94295 (19120805) 436003.91 3709846.19 17.87678 (21011406)
436022.10 3709806.15 17.78585 (20022804) 435807.98 3710039.11 18.43274 (18121805)
435817.31 3710018.56 18.58623 (21090405) 435826.64 3709998.01 19.12680 (21090405)
435835.97 3709977.46 19.34598 (21090405) 435845.31 3709956.91 19.24223 (21090405)
435854.64 3709936.36 18.81418 (21090405) 435863.97 3709915.81 18.04596 (21090405)
435873.30 3709895.25 16.93658 (21090405) 435882.64 3709874.70 17.40488 (19120805)
435891.97 3709854.15 17.71323 (19120805) 435901.30 3709833.60 17.70706 (19120805)
435910.63 3709813.05 17.38360 (19120805) 435919.97 3709792.50 16.74375 (19120805)
435929.30 3709771.95 16.58715 (21011406) 435938.63 3709751.40 16.59138 (21011402)
435947.97 3709730.85 16.45074 (20022804) 435768.07 3710145.42 18.89812 (20101104)
435721.55 3709990.90 17.10189 (18121805) 435731.09 3709969.87 17.60347 (21090405)
435740.64 3709948.85 18.09258 (21090405) 435750.19 3709927.82 18.25909 (21090405)
435759.74 3709906.80 18.09714 (21090405) 435769.29 3709885.77 17.60410 (21090405)
435778.83 3709864.75 16.77759 (21090405) 435788.38 3709843.72 15.66630 (19120805)
435797.93 3709822.70 16.25664 (19120805) 435807.48 3709801.67 16.58259 (19120805)
435817.03 3709780.65 16.61586 (19120805) 435826.57 3709759.62 16.34460 (19120805)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	16.66460	(21090405)	435661.13	3709885.40	17.40134	(21090405)
435670.43	3709864.92	17.31106	(21090405)	435679.73	3709844.44	16.92085	(21090405)
435689.03	3709823.97	16.22363	(21090405)	435698.33	3709803.49	15.21287	(21090405)
435707.63	3709783.01	15.01773	(19120805)	435716.93	3709762.53	15.43777	(19120805)
435726.23	3709742.05	15.66214	(19120805)	435735.53	3709721.57	15.64504	(19120805)
435744.83	3709701.09	15.37865	(19120805)	435754.13	3709680.61	14.86811	(19120805)
435772.73	3709639.66	14.57460	(19121508)	436969.01	3710524.96	175.36324	(21090405)
436970.50	3710565.89	209.05127	(19121506)	436918.30	3710506.32	119.37471	(18121805)
436919.79	3710547.25	120.20752	(20012122)	436921.28			

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3710588.18      135.74231  (20012122)
        436869.98   3710493.44       89.26312  (18121805)                436869.07
3710528.60       88.56297  (20121403)
        436870.56   3710569.53       79.25881  (20121403)                436818.36
3710509.96       67.84090  (18121805)
        436819.85   3710550.89       61.42284  (18121805)                436821.34
3710591.82       65.05829  (18121805)
        436769.14   3710532.24       54.82830  (18121805)                436770.63
3710573.17       57.21577  (18121805)
        436724.39   3710460.67       47.03137  (18121805)                436719.92
3710554.52       51.41070  (18121805)
        436721.41   3710595.45       52.60952  (20020723)                436674.25
3710463.96       44.03719  (18121805)
        436670.70   3710576.81       47.29884  (19121506)                436625.11
3710458.43       41.49800  (21090405)
        436620.73   3710578.63       43.35057  (19121506)                436570.66
3710500.15       39.65038  (19121506)
        436569.27   3710539.52       40.50528  (19121506)                436570.76
3710580.45       40.91866  (20020723)
        436522.70   3710484.12       37.23706  (19121506)                436526.84
3710447.36       37.00727  (18121805)
        436530.97   3710410.61       36.33550  (18121805)                436521.54
3710602.73       40.06512  (20020723)
        436423.04   3710485.30       33.78144  (19121506)                436427.45
3710446.10       33.19868  (19121506)
        436431.87   3710406.90       32.94014  (18121805)                436419.37
3710544.97       32.82840  (20020723)
        436421.61   3710606.37       35.84694  (20020723)                436320.80
3710509.44       28.88626  (21110503)
        436325.01   3710472.01       30.42361  (19121506)                436329.22
3710434.59       30.47059  (19121506)
        436333.44   3710397.17       29.80818  (19121506)                436337.65
3710359.75       29.75807  (18121805)
        436220.97   3710512.18       26.66760  (21110503)                436225.38
3710472.98       26.62834  (19121506)
        436229.79   3710433.78       27.91515  (19121506)                436234.21
3710394.57       27.83099  (19121506)
        436120.95   3710516.52       24.74366  (20020723)                436125.21
3710478.72       24.73243  (21110503)
        436129.46   3710440.91       24.62197  (19121506)                436133.72
3710403.11       25.74445  (19121506)
        436137.98   3710365.31       25.71648  (19121506)                436021.10
3710519.46       23.29153  (20020723)
        436025.51   3710480.25       22.99930  (21110503)                436029.92
3710441.05       22.90316  (21110503)
        436034.34   3710401.85       23.19376  (19121506)                436019.64
3710559.52       24.68795  (20020723)
        435921.23   3710522.48       21.93752  (20020723)                435925.78
3710482.05       21.15701  (21110503)
        435930.34   3710441.63       21.63523  (21110503)                435934.89
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435621.36   3710534.01   19.35745 (20020723)   435625.78
3710494.81   18.09359 (20020723)
        435630.19   3710455.60   16.81762 (21123108)   435634.60
3710416.40   17.71754 (21110503)
        435619.90   3710574.08   19.93787 (20020723)   435521.48
3710537.20   20.10708 (20020723)
        435525.99   3710497.11   19.03525 (20020723)   435530.51
3710457.01   16.21795 (20020723)

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        435535.02   3710416.92       16.48748  (21110503)               435519.97
3710577.71       19.88517  (20020723)
        435521.46   3710618.64       18.08796  (20020723)               436953.73
3710589.22      181.67733  (20120708)
        436939.59   3710607.08      168.65330  (18121805)               436925.45
3710624.94      155.73682  (20020723)
        436942.81   3710522.47      137.06457  (18121805)               436900.39
3710576.05      107.16446  (20012122)
        436886.25   3710593.91       91.59336  (20121403)               436889.47
3710509.29      100.97933  (18121805)
        436847.05   3710562.87       67.81259  (21011208)               436850.26
3710478.25       75.37447  (20012122)
        436807.84   3710531.83       59.07546  (18121805)               436825.20
3710429.36       57.37648  (18121805)
        436651.04   3710407.69       41.59897  (18121805)               436522.51
3710247.82       33.22178  (21090405)
        436508.37   3710265.68       33.65687  (21090405)               436494.23
3710283.54       33.44854  (21090405)
        436472.39   3710150.03       29.21712  (17050206)               436415.83
3710221.47       30.34098  (21090405)
        436393.99   3710087.96       26.26352  (17050206)               436379.85
3710105.82       26.55867  (19120805)
        436315.58   3710025.89       23.88382  (21011402)               436237.18
3709963.81       21.87802  (21011402)
        436223.04   3709981.67       21.94592  (21011402)               436158.78
3709901.74       20.12841  (20022804)
        436144.64   3709919.60       20.23229  (21011402)               436080.38
3709839.67       18.63675  (20022804)
        436066.24   3709857.53       18.71962  (21011402)               436001.97
3709777.60       17.32760  (20022804)
        435987.83   3709795.46       17.39185  (21011402)               435973.69
3709813.32       17.32654  (21011406)
        435923.57   3709715.52       16.11952  (20022804)               435909.43
3709733.38       16.17928  (21011402)
        435895.29   3709751.24       16.12690  (21011406)               435881.15
3709769.10       16.31130  (19120805)
        435845.17   3709653.45       15.27563  (18011208)               435831.03
3709671.31       15.14547  (18011208)
        435816.89   3709689.17       15.07281  (19121508)               435802.75
3709707.03       15.17215  (19120805)
        436914.85   3710651.52      153.43260  (20030803)               436911.28
3710691.41      229.20779  (20030803)
        436907.71   3710731.30      252.09431  (21090701)               436872.11
3710629.34       86.56339  (18012708)
        436863.26   3710667.01       91.09784  (19011808)               436859.69
3710706.90      103.90147  (20050504)
        436856.12   3710746.79      128.44408  (20030803)               436821.61
3710626.66       70.27972  (20020723)
        436813.46   3710662.55       73.59122  (19011808)               436809.89
3710702.44       78.79104  (18011908)
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        436806.32   3710742.33       86.58245  (20050504)                436772.51
3710620.42       61.75461  (20020723)
        436793.71   3710567.27       59.62079  (18121805)                436763.66
3710658.09       62.09724  (18012708)
        436760.09   3710697.98       66.17575  (19011808)                436756.52
3710737.87       69.97791  (18010108)
        436742.14   3710567.24       53.93794  (18121805)                436715.65
3710633.68       54.91108  (20020723)
        436712.07   3710673.58       55.07893  (18012708)                436708.50
3710713.47       57.88951  (19011808)
        436672.91   3710611.51       50.25885  (20020723)                436708.24
3710522.92       49.20287  (18121805)
        436664.06   3710649.17       48.99475  (20020723)                436660.49
3710689.06       49.75812  (19011808)
        436656.92   3710728.95       51.82370  (21011420)                436622.79
3710607.85       46.16718  (20020723)
        436656.51   3710523.29       45.54991  (18121805)                436614.26
3710644.71       45.52272  (20020723)
        436610.69   3710684.60       44.43663  (21012123)                436607.11
3710724.50       46.88203  (19011808)
        436594.51   3710549.43       41.97742  (19121506)                436564.46
3710640.25       42.55392  (20020723)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3710384.94       19.72369  (21110503)
        435871.19   3710293.82       21.13259  (19121506)                435885.72
3710257.37       20.83490  (20112424)
        435900.26   3710220.92       20.33706  (20101104)                435914.79
3710184.47       20.84844  (20101104)
        435929.33   3710148.02       21.05645  (18121805)                435769.43
3710548.96       20.70929  (20020723)
        435765.86   3710588.85       20.73158  (20020723)                435762.29
3710628.74       19.47827  (20020723)
        435706.09   3710449.12       18.05372  (21110503)                435735.10
3710376.38       18.69925  (21110503)
        435771.36   3710285.46       19.76450  (19121506)                435785.87
3710249.09       19.72558  (20112424)
        435800.37   3710212.72       19.18959  (20112424)                435814.87
3710176.35       19.35940  (20101104)
        435829.38   3710139.99       19.62795  (20101104)                435843.88
3710103.62       19.78426  (18121805)
        435668.04   3710559.99       19.63821  (20020723)                435664.47
3710599.88       19.45294  (20020723)
        435660.90   3710639.77       18.79287  (17021608)                435599.18
3710458.52       16.49823  (21120204)
        435628.14   3710385.92       17.81762  (21110503)                435671.57
3710277.02       18.34430  (19121506)
        435686.05   3710240.72       18.65262  (19121506)                435700.52
3710204.42       18.45939  (20112424)
        435715.00   3710168.12       17.50298  (20101104)                435729.48
3710131.82       18.43191  (20101104)
        435743.95   3710095.52       18.43572  (20101104)                435794.62
3709968.47       18.79411  (21090405)
        435568.44   3710551.07       20.20034  (20020723)                435564.87
3710590.96       19.59262  (20020723)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435561.30	3710630.85	18.02681	(17021608)	435478.02	3710503.66	19.53781	(20020723)
435492.81	3710466.58	17.48780	(20020723)	435507.60	3710429.49	15.84548	(21110503)
435522.39	3710392.41	16.71333	(21110503)	435566.76	3710281.16	16.40311	(19121506)
435581.55	3710244.07	17.44183	(19121506)	435596.34	3710206.99	17.53695	(19121506)
435611.13	3710169.90	17.29399	(20112424)	435625.92	3710132.82	16.53297	(20101104)
435640.71	3710095.73	17.41640	(20101104)	435655.50	3710058.65	17.40822	(18121805)
435468.84	3710542.15	20.08594	(20020723)	435465.27	3710582.04	19.59485	(20020723)
435461.70	3710621.93	17.42194	(20020723)	436915.73	3710783.44	287.08204	(20051605)
436907.55	3710762.62	257.54879	(19120804)	436937.15	3710806.27	343.66393	(19021217)
436880.10	3710817.46	171.88811	(21111806)	436860.47	3710777.12	141.94814	(21090701)
436903.71	3710843.43	197.51925	(20101803)	436845.57	3710853.05	138.21832	(19120804)
436825.93	3710824.73	122.09747	(21090701)	436813.66	3710793.51	109.77007	(20091403)
436870.26	3710880.60	163.31793	(20070405)	436811.47	3710889.27	119.46446	(19120804)
436790.52	3710859.06	107.51723	(21090701)	436766.96	3710810.65	90.51495	(20030803)
436761.74	3710774.26	77.43127	(20050504)	436836.82	3710917.77	144.13025	(20051605)
436777.58	3710925.81	114.69513	(19120804)	436755.76	3710894.34	94.39531	(21090701)
436733.95	3710862.87	85.95366	(20091403)	436720.32	3710828.18	73.51919	(20030803)
436714.88	3710790.27	65.80829	(20050504)	436709.44	3710752.37	60.72860	(20122808)
436803.37	3710954.94	124.12405	(21111806)	436743.83	3710962.53	106.34691	(19120804)
436721.38	3710930.16	87.38919	(21090701)	436698.94	3710897.79	78.39210	(20091403)

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        436673.70   3710845.92       64.59112  (20050504)                436668.11
3710806.93       58.56210  (18010108)
        436662.51   3710767.94       54.54352  (20122808)                436769.93
3710992.10      106.71433  (21111806)
        436711.42   3711001.19       87.89559  (19120804)                436691.06
3710971.82       86.13840  (21090701)
        436670.69   3710942.45       76.36675  (21031805)                436650.33
3710913.08       68.18133  (20030803)
        436627.42   3710866.01       58.92012  (20050504)                436622.35
3710830.63       52.22712  (18010108)
        436617.27   3710795.25       50.21665  (20122808)                436612.19
3710759.87       48.22783  (21012124)
        436736.48   3711029.27       84.29893  (21111806)                436677.68
3711037.94       75.52221  (19120804)
        436656.74   3711007.73       73.17906  (21090701)                436635.79
3710977.52       73.33355  (21031805)
        436614.84   3710947.30       63.26408  (20030803)                436593.90
3710917.09       54.63088  (20050502)
        436580.81   3710883.79       53.14593  (20050504)                436575.59
3710847.40       48.14500  (18010108)
        436570.37   3710811.01       46.28437  (20122808)                436565.15
3710774.62       44.48914  (21012124)
        436703.04   3711066.44       76.35239  (20092402)                436644.00
3711074.77       67.31469  (19120804)
        436622.58   3711043.87       64.12276  (21090701)                436601.16
3711012.97       61.65746  (21031805)
        436579.73   3710982.07       59.64553  (20030803)                436558.31
3710951.17       51.19514  (20030803)
        436534.22   3710901.66       48.07923  (20050504)                436528.88
3710864.45       44.15130  (18010108)
        436523.54   3710827.23       42.87493  (21012022)                436518.20
3710790.01       41.27819  (21012124)
        436512.85   3710752.79       40.17873  (19011808)                436669.59
3711103.60       68.37864  (20092402)
        436610.36   3711111.65       62.31335  (19120804)                436588.54
3711080.18       59.98604  (21090701)
        436566.72   3711048.70       58.54126  (21090424)                436544.90
3711017.23       55.77337  (20091403)
        436523.08   3710985.76       49.30344  (20030803)                436501.26
3710954.29       47.91546  (20050504)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
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INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	43.88456	(20091405)	436482.19	3710881.70	40.23887	(18010108)
436476.75	3710843.79	39.74572	(21012022)	436471.31	3710805.88	38.57185	(17021319)
436465.87	3710767.98	37.62721	(21011704)	436460.43	3710730.07	36.45183	(21011706)
436636.15	3711140.77	62.68746	(20092402)	436543.15	3711185.53	52.24859	(19120804)
436520.71	3711153.16	51.51071	(21090701)	436498.27	3711120.79	51.53701	(21090424)
436475.83	3711088.42	49.42535	(20091403)	436453.38	3711056.05	45.57144	(20030803)
436430.94	3711023.68	42.54222	(20050502)	436408.50	3710991.31	41.40928	(20050504)
436394.48	3710955.63	37.00409	(21090404)	436388.89	3710916.64	35.02414	(18120719)
436383.29	3710877.65	34.58719	(21012022)	436377.69	3710838.66	33.93254	(17021319)
436372.10	3710799.67	33.24973	(21012201)	436366.50	3710760.68	32.64816	(21011706)
436360.91	3710721.69	31.73538	(21012123)	436569.25	3711215.11	53.27582	(20070301)
436476.70	3711260.50	44.52713	(18070905)	436455.14	3711229.40	43.72850	(19050206)
436433.58	3711198.30	45.43820	(21090424)	436412.02	3711167.20	42.90651	(21041803)
436390.45	3711136.10	42.52267	(20091403)	436368.89	3711105.00	38.15402	(21101622)
436347.33	3711073.90	38.06925	(20050502)	436325.77	3711042.79	37.08492	(20050504)
436301.52	3710992.96	32.45651	(21090404)	436296.14			

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3710955.50       30.66739  (18020901)
        436290.76   3710918.04       30.26056  (21012022)                436285.39
3710880.58       30.25468  (18010320)
        436280.01   3710843.12       29.80948  (21010123)                436274.64
3710805.66       29.42328  (21011704)
        436269.26   3710768.20       29.07801  (21011706)                436502.36
3711289.44       46.91034  (20070301)
        436409.57   3711334.48       39.18069  (18070905)                436387.52
3711302.68       38.64679  (19050206)
        436365.47   3711270.88       40.20913  (21090424)                436343.42
3711239.08       38.10789  (21031805)
        436321.37   3711207.27       38.65528  (20091403)                436299.33
3711175.47       35.96177  (20030803)
        436277.28   3711143.67       33.39604  (20050502)                436255.23
3711111.87       34.38698  (20050504)
        436233.18   3711080.07       32.45506  (20091405)                436208.38
3711029.11       28.27877  (21090404)
        436202.89   3710990.81       27.57074  (18020901)                436197.39
3710952.50       27.05267  (21012022)
        436191.89   3710914.19       27.03826  (18010320)                436186.39
3710875.89       26.73006  (21010123)
        436180.90   3710837.58       26.75039  (21012201)                436175.40
3710799.28       26.38874  (21011706)
        436435.47   3711363.78       40.46688  (19120804)                436342.48
3711408.53       34.60103  (19120804)
        436320.04   3711376.16       34.45274  (21090701)                436297.60
3711343.79       36.22150  (21090701)
        436275.15   3711311.42       35.14280  (21031805)                436252.71
3711279.05       35.30562  (20091403)
        436230.27   3711246.68       34.47664  (20030803)                436207.83
3711214.31       30.89948  (21101622)
        436185.38   3711181.94       31.15105  (20050502)                436162.94
3711149.57       30.88460  (20050504)
        436140.50   3711117.20       28.70278  (21090404)                436115.26
3711065.34       25.00742  (20122721)
        436109.66   3711026.35       24.97198  (18123108)                436104.07
3710987.36       24.41727  (17121105)
        436098.47   3710948.37       24.40779  (18010320)                436092.88
3710909.38       24.13638  (21010123)
        436087.28   3710870.39       24.22540  (21012201)                436081.69
3710831.40       23.84017  (18020405)
        436368.58   3711438.11       37.42370  (19120804)                436275.43
3711482.63       30.97585  (19120804)
        436252.66   3711449.79       31.33145  (21090701)                436229.89
3711416.96       33.70357  (21090701)
        436207.12   3711384.12       33.24294  (21031805)                436184.36
3711351.28       33.32662  (20091403)
        436161.59   3711318.44       33.59119  (20030803)                436138.82
3711285.60       28.64579  (20030803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436116.05	3711252.76	27.70534	(20050502)	436093.29	3711219.92	28.67963	(20050504)
436070.52	3711187.08	27.84379	(20091405)	436047.75	3711154.24	26.00156	(21090404)
436022.15	3711101.62	22.59454	(20122721)	436016.47	3711062.07	22.58159	(18123108)
436010.79	3711022.52	22.26989	(17121105)	436005.12	3710982.96	22.26520	(18010320)
435999.44	3710943.41	22.00507	(21010123)	435993.76	3710903.85	21.97696	(21011420)
435965.38	3710706.08	20.97334	(17120201)	436301.69	3711512.44	34.01173	(19120804)
436208.84	3711557.41	28.02210	(19120804)	436186.69	3711525.46	28.22758	(21090701)
436164.53	3711493.50	30.56978	(21090701)	436142.38	3711461.55	30.31105	(21031805)
436120.22	3711429.59	31.21931	(21031805)	436098.07	3711397.63	32.44015	(20091403)
436075.91	3711365.68	30.88854	(20030803)	436053.76	3711333.72	25.79952	(21101622)
436031.61	3711301.77	25.72180	(20050502)	436009.45	3711269.81	26.34379	(20050504)

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        435987.30   3711237.86       25.54581  (20091405)              435965.14
3711205.90       24.02228  (21090404)
        435942.99   3711173.95       21.75401  (21090404)              435929.15
3711138.73       21.03618  (18010108)
        435923.62   3711100.24       20.67310  (20122808)              435918.10
3711061.75       20.52260  (21120808)
        435912.58   3711023.26       20.49696  (18010320)              435907.05
3710984.77       20.36582  (17021319)
        435901.53   3710946.28       20.77388  (21012124)              435873.91
3710753.83       19.72843  (18012708)
        435868.39   3710715.34       19.17289  (17120201)              435862.87
3710676.85       19.20210  (18012918)
        436234.80   3711586.78       31.24784  (19120804)              436141.81
3711631.54       25.90752  (19120804)
        436119.37   3711599.17       26.20410  (21090701)              436096.92
3711566.80       28.46097  (21090701)
        436074.48   3711534.43       28.15667  (21031805)              436052.04
3711502.06       30.55935  (21031805)
        436029.60   3711469.69       31.72363  (20091403)              436007.15
3711437.32       31.60643  (20030803)
        435984.71   3711404.95       28.52333  (20030803)              435962.27
3711372.58       23.74653  (21101622)
        435939.83   3711340.21       24.47224  (20050502)              435917.38
3711307.84       24.51035  (20050504)
        435894.94   3711275.47       22.81840  (20091405)              435872.50
3711243.10       21.59029  (21090404)
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3711175.05       20.28347  (20120408)
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3711097.07       20.11287  (21120808)
        435819.25   3711058.08       19.32046  (18011908)              435813.66
3711019.09       18.92277  (17021319)
        435808.06   3710980.10       19.19991  (21012124)              435802.47
3710941.11       20.27455  (19011808)
        435780.09   3710785.15       20.85080  (18012708)              435774.49
3710746.16       18.96739  (19010608)
        435768.89   3710707.17       18.70230  (17031607)              435763.30
3710668.18       18.36542  (17021608)
        436167.91   3711661.11       29.69412  (19120804)              436074.79
3711705.69       28.80757  (19120804)
        436052.10   3711672.96       29.75093  (21090701)              436029.41
3711640.23       31.73681  (21090701)
        436006.72   3711607.50       31.15081  (21031805)              435984.03
3711574.77       30.92945  (21031805)
        435961.33   3711542.04       31.22233  (20091403)              435938.64
3711509.31       31.92697  (20030803)
        435915.95   3711476.58       29.85018  (20030803)              435893.26
3711443.85       24.82079  (21101622)
        435870.57   3711411.12       23.74777  (20050502)              435847.88
3711378.39       23.93349  (20050504)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3711620.15 30.14381 (20091403)
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3711556.07 30.06040 (20030803)
435830.41 3711524.02 27.69147 (20030803) 435808.20
3711491.98 26.27906 (21101622)
435785.98 3711459.94 26.90382 (20050502) 435763.77
3711427.89 26.66599 (20050504)
435741.55 3711395.85 24.20687 (20050504) 435719.34
3711363.81 21.23002 (20091405)
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3711209.79 19.90942 (20122808)
435638.84 3711171.19 19.71220 (21120808) 435633.30
3711132.59 18.39421 (18011908)
435627.76 3711094.00 17.42834 (17060406) 435622.23
3711055.40 17.42150 (21012124)
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3710978.21 19.66976 (19011808)
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3710669.45 17.66087 (17021608)
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3711660.32 28.80634 (20091403)
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435739.15 3711563.21 25.40605 (21101622) 435716.71
3711530.84 25.30787 (20050502)
435694.27 3711498.47 26.02212 (20050504) 435671.83
3711466.10 25.88128 (20050504)
435649.39 3711433.73 24.16168 (20091405) 435626.94
3711401.36 22.63789 (21090404)
435604.50 3711368.99 22.13832 (21090404) 435582.06
3711336.62 19.87174 (21090404)
435556.82 3711284.75 18.31994 (18020901) 435551.22
3711245.76 18.66589 (21010201)
435545.63 3711206.77 18.75206 (21012022) 435540.03
3711167.78 18.70704 (18011908)
435534.44 3711128.80 17.77491 (18011908) 435528.84

3711089.81   17.93882 (21012124)
        435523.25   3711050.82   18.35649 (21011420)   435517.65
3711011.83   19.03617 (19011808)
        435512.06   3710972.84   19.38906 (19011808)   435506.46
3710933.85   18.79467 (21011706)
        435500.86   3710894.86   18.54020 (18021524)   435495.27
3710855.87   18.60601 (18012708)
        435489.67   3710816.88   18.54709 (18012708)   435484.08
3710777.89   17.18465 (19010608)
        435478.48   3710738.90   16.71016 (19010608)   435472.89
3710699.91   16.59013 (17031607)
        435467.29   3710660.92   17.08874 (17021608)   435967.24
3711884.12   26.09552 (19120804)
        436207.69   3711246.88   32.54253 (20030803)   436113.01
3711283.43   27.71353 (21101622)
        436027.25   3711334.86   24.99671 (21101622)   435941.49
3711386.29   23.71352 (20050502)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        436963.10   3710877.99      179.48698  (19021217)              436925.91
3710862.92      250.45102  (19071305)
        436980.21   3710926.56      150.49828  (21090703)              436942.21
3710924.20      187.85752  (19120806)
        436908.75   3710910.64      199.59251  (19071305)              436967.77
3710973.29      160.76508  (19021501)
        436925.55   3710970.67      169.85361  (20120702)              436888.37
3710955.61      163.93237  (19071305)
        436976.14   3711021.32      140.27411  (19021501)              436953.53
3711019.92      138.20472  (18061301)
        436908.29   3711017.11      148.40242  (20120702)              436868.45
3711000.97      138.58888  (19071305)
        436851.23   3710986.24      134.89234  (20101803)              436834.01
3710971.50      128.82824  (20070405)
        436930.23   3711065.98      121.64019  (19120806)              436850.83
3711048.29      109.52310  (18101320)
        436818.68   3711020.79      104.26772  (20101803)              436892.46
3711111.14      105.12210  (20120702)
        436831.25   3711093.95       91.85245  (19071305)              436797.50
3711065.07       93.93750  (20101803)
        436763.75   3711036.20       91.21164  (20051605)              436990.56
3711164.74      100.79765  (20121401)
        436811.82   3711139.73       82.94859  (19071305)              436794.29
3711124.73       86.59294  (20101803)
        436776.75   3711109.73       86.09028  (20101803)              436759.22
3711094.73       85.74516  (20070405)
        436741.69   3711079.72       86.23731  (20051605)              436985.96
3711211.96       91.20062  (20121401)
        436876.35   3711205.15       76.12709  (19120806)              436832.50
3711202.43       73.68423  (18101320)
        436793.89   3711186.79       75.04290  (19071305)              436760.51
3711158.23       79.82625  (20101803)
        436727.13   3711129.67       79.51102  (20070405)              436693.75
3711101.11       72.68410  (20092402)
        436972.76   3711258.65       84.71790  (19021501)              436950.14
3711257.25       85.32290  (19021501)
        436927.52   3711255.84       76.10849  (18061301)              436904.90
3711254.44       67.06824  (18061301)
        436882.28   3711253.03       69.57126  (19120806)              436859.66
3711251.63       70.59749  (20120702)
        436837.05   3711250.22       70.30908  (20120702)              436740.15
3711203.21       73.06731  (20101803)
        436722.93   3711188.48       68.20392  (19082401)              436705.71
3711173.75       72.71813  (20070405)
        436688.49   3711159.02       71.51666  (20051605)              436671.27
3711144.28       66.82856  (20092402)
        436636.83   3711114.82       65.17285  (19120804)              436955.44
3711352.59       73.32990  (19021501)
        436910.73   3711349.81       58.86662  (18061301)              436866.03
3711347.04       58.86289  (19120806)
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        436821.32   3711344.26       61.86577  (20120702)                436686.20
3711281.86       60.12844  (19082401)
        436652.16   3711252.74       61.81924  (20070405)                436618.13
3711223.62       57.43617  (20092402)
        436584.09   3711194.50       55.20626  (20070301)                437049.21
3711453.43       47.16897  (17010717)
        436916.22   3711445.17       49.94971  (19021501)                436871.88
3711442.42       48.58032  (21121219)
        436827.55   3711439.66       52.54556  (19120806)                436783.22
3711436.91       51.77891  (20120702)
        436615.47   3711346.15       53.10520  (20070405)                436581.72
3711317.28       51.78305  (21120223)
        436547.97   3711288.40       50.64052  (19041722)                436514.22
3711259.52       48.67865  (19120804)
        436480.47   3711230.65       45.13339  (18070905)                437093.71
3711551.21       47.50854  (19120802)
        437070.68   3711549.78       49.28348  (19082902)                437047.65
3711548.35       52.97845  (20081206)
        437024.62   3711546.92       56.48362  (21091105)                436886.44
3711538.34       43.81628  (18061301)
        436863.41   3711536.91       41.46110  (21121219)                436840.38
3711535.48       43.15190  (21121219)
        436817.35   3711534.05       46.44126  (19120806)                436794.32
3711532.62       46.44498  (20120702)
        436771.30   3711531.19       47.54289  (20120702)                436626.58
3711480.46       47.14614  (20101803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	46.23465	(20070405)	436538.91	3711405.46	45.68086	(20051605)
436521.38	3711390.46	43.94409	(21120223)	436503.85	3711375.46	44.79451	(19041722)
436486.32	3711360.46	43.39412	(19041722)	436468.78	3711345.46	42.85754	(20070301)
436451.25	3711330.46	42.36469	(19120804)	436433.72	3711315.46	40.52641	(18070905)
436416.18	3711300.46	39.69120	(18070905)	437208.16	3711550.97	21.30549	(20052322)
437166.02	3711650.72	45.64168	(19011723)	437143.22	3711649.30	47.43408	(18120724)
437120.42	3711647.89	48.14109	(18052306)	437097.62	3711646.47	48.88803	(18052306)
437074.82	3711645.05	46.91399	(20081206)	437052.02	3711643.64	46.96619	(20081206)
437029.22	3711642.22	46.96869	(21091105)	437006.42	3711640.81	45.54175	(21091105)
436846.83	3711630.89	38.11046	(20091402)	436824.03	3711629.48	39.90580	(21121219)
436801.23	3711628.06	42.22901	(19120806)	436778.43	3711626.65	42.09923	(19120806)
436755.63	3711625.23	43.01512	(20120702)	436732.83	3711623.81	40.78961	(20120702)
436572.20	3711558.75	40.87465	(19082401)	436537.49	3711529.05	38.19975	(20070405)
436502.77	3711499.35	40.93538	(20051605)	436485.41	3711484.49	40.38670	(21120223)
436468.06	3711469.64	38.35343	(21120223)	436450.70	3711454.79	39.51770	(19041722)
436433.34	3711439.94	38.45216	(19041722)	436415.98	3711425.09	37.34556	(20070301)
436398.63	3711410.24	38.35809	(19120804)	436381.27	3711395.39	38.10927	(19120804)
436363.91	3711380.54	35.44663	(19120804)	436346.55	3711365.69	33.79158	(19050206)
436329.20	3711350.84	36.24140	(21090701)	437211.62	3711653.55	31.42112	(17022801)
437233.95	3711647.59	21.21575	(17022801)	437214.79	3711748.76	26.12042	(19091403)
437192.17	3711747.36	36.01042	(19011723)	437169.55	3711745.95	39.75546	(21020924)
437146.93	3711744.55	41.94293	(18120724)	437124.32	3711743.14	43.78176	(18052306)
437101.70	3711741.74	44.05857	(18052306)	437079.08			

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3711740.33       43.30131  (20081206)
        437056.46   3711738.93       44.80211  (20081206)                437033.84
3711737.53       45.11485  (21091105)
        437011.22   3711736.12       43.50925  (21091105)                436988.60
3711734.72       40.12775  (20121401)
        436965.98   3711733.31       37.38248  (21082303)                436852.89
3711726.29       34.97546  (18061301)
        436830.27   3711724.88       35.31467  (20091402)                436807.65
3711723.48       36.14092  (21121219)
        436785.04   3711722.07       37.31706  (19120806)                436762.42
3711720.67       37.37526  (19120806)
        436739.80   3711719.26       37.53910  (20120702)                436717.18
3711717.86       36.85912  (20120702)
        436500.77   3711622.44       33.51869  (19082401)                436483.55
3711607.71       35.46845  (20070405)
        436466.33   3711592.97       36.55410  (20070405)                436449.11
3711578.24       36.42593  (20051605)
        436431.89   3711563.51       35.80522  (21120223)                436414.67
3711548.77       33.73235  (21120223)
        436397.45   3711534.04       35.03211  (19041722)                436380.23
3711519.31       34.21845  (19041722)
        436363.01   3711504.58       32.88237  (19120804)                436345.79
3711489.84       35.14948  (19120804)
        436328.57   3711475.11       35.50878  (19120804)                436311.35
3711460.38       33.95152  (19120804)
        436294.13   3711445.64       31.37247  (18070905)                436276.91
3711430.91       31.69460  (21090701)
        436259.69   3711416.18       33.86800  (21090701)                436139.16
3711313.05       31.63401  (20030803)
        437237.41   3711750.17       17.53486  (17022801)                437259.74
3711744.21       16.47786  (20052322)
        437240.72   3711845.39       18.75679  (17022801)                437218.25
3711843.99       28.47887  (19011723)
        437195.78   3711842.60       30.64647  (21020924)                437173.31
3711841.20       31.11356  (21020924)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                 INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
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, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437150.83   3711839.81   32.16490 (19120802)   437128.36
3711838.41   33.80606 (19120802)
        437105.89   3711837.02   35.09070 (19082902)   437083.41
3711835.62   36.48885 (19072204)
        437060.94   3711834.22   39.65579 (20081206)   437038.47
3711832.83   41.62678 (21091105)
        437016.00   3711831.43   42.54232 (20121401)   436993.52
3711830.04   41.72670 (20121401)
        436971.05   3711828.64   38.04116 (20121401)   436948.58
3711827.25   37.66264 (19021501)
        436813.74   3711818.87   31.78002 (20091402)   436791.27
3711817.48   32.33236 (21121219)
        436768.80   3711816.08   33.14109 (19120806)   436746.32
3711814.69   33.55778 (19120806)
        436723.85   3711813.29   33.27813 (20120702)   436701.38
3711811.89   33.46613 (20120702)
        436678.91   3711810.50   31.49143 (17102803)   436446.78
3711701.06   30.23425 (20070405)
        436412.57   3711671.78   32.55637 (20070405)   436378.35
3711642.50   31.96296 (21120223)
        436361.24   3711627.87   31.42304 (21111806)   436327.02
3711598.59   31.10402 (19041722)
        436292.81   3711569.32   31.85662 (19120804)   436258.59
3711540.04   31.91503 (19120804)
        436224.37   3711510.76   27.98133 (18070905)   436190.15
3711481.49   31.05003 (21090701)
        436173.04   3711466.85   31.07197 (21090701)   436053.28
3711364.39   29.04513 (20030803)
        437263.20   3711846.79   15.17710 (17022801)   437285.53
3711840.83   14.71459 (20052322)
        437265.95   3711941.97   25.21456 (17091523)   437242.92
3711940.54   28.76100 (19011723)
        437219.89   3711939.11   29.02361 (19011723)   437196.86
3711937.68   29.29077 (21020924)
        437173.83   3711936.25   29.77574 (21020924)   437150.80
3711934.82   31.92225 (19120802)

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        437127.77   3711933.39       34.25849  (19082902)                437104.74
3711931.96       35.30392  (19082902)
        437081.72   3711930.53       36.89438  (20081206)                437058.69
3711929.10       37.90023  (20081206)
        437035.66   3711927.67       38.34886  (21091105)                437012.63
3711926.24       39.31382  (20121401)
        436989.60   3711924.81       38.56662  (20121401)                436966.57
3711923.38       36.16437  (21082303)
        436943.54   3711921.95       36.74723  (19021501)                436920.51
3711920.52       36.39875  (19021501)
        436782.33   3711911.94       29.24670  (21121219)                436759.30
3711910.51       29.32729  (19052823)
        436736.27   3711909.08       30.46412  (19120806)                436713.24
3711907.65       29.67060  (19120806)
        436690.21   3711906.22       30.43849  (20120702)                436667.18
3711904.79       29.70041  (20120702)
        436406.27   3711791.20       27.86853  (20070405)                436388.74
3711776.20       29.95537  (20070405)
        436371.20   3711761.20       30.22526  (20070405)                436353.67
3711746.20       30.12944  (20051605)
        436336.14   3711731.20       29.49788  (20051605)                436318.61
3711716.20       29.66509  (21111806)
        436301.07   3711701.20       30.33887  (21111806)                436283.54
3711686.19       29.42685  (21111806)
        436266.01   3711671.19       27.95799  (19041722)                436248.47
3711656.19       28.17139  (19120804)
        436230.94   3711641.19       30.03152  (19120804)                436213.41
3711626.19       30.51005  (19120804)
        436195.88   3711611.19       29.51630  (19120804)                436178.34
3711596.19       27.25391  (19120804)
        436160.81   3711581.19       25.56334  (18070905)                436143.28
3711566.19       27.38233  (21090701)
        436125.74   3711551.19       28.81566  (21090701)                436108.21
3711536.19       28.95758  (21090701)
        435985.48   3711431.18       30.60417  (20030803)                437288.98
3711943.40       20.24171  (17022801)
        437311.31   3711937.44       14.89769  (17022801)                437291.90
3712038.60       25.29752  (21051801)
        437269.03   3712037.18       30.31365  (20091506)                437246.16
3712035.76       31.34159  (19011723)
        437223.29   3712034.34       31.45518  (19011723)                437200.42
3712032.92       31.44864  (18120724)
        437177.55   3712031.50       32.16824  (18120724)                437154.68
3712030.08       33.78805  (18052306)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	34.61035	(18052306)	437108.94	3712027.24	32.91691	(18052306)
437086.07	3712025.82	34.31301	(20081206)	437063.20	3712024.40	35.34071	(20081206)
437040.33	3712022.98	35.65193	(21091105)	437017.46	3712021.56	34.52317	(21091105)
436994.59	3712020.14	32.42471	(20121401)	436971.72	3712018.72	29.16821	(20121401)
436948.85	3712017.30	27.73302	(21082303)	436925.98	3712015.88	28.10052	(19021501)
436903.11	3712014.45	27.81736	(19021501)	436743.02	3712004.51	26.71215	(19052823)
436720.15	3712003.09	27.75781	(19120806)	436697.28	3712001.67	27.35850	(19120806)
436674.41	3712000.25	27.76740	(20120702)	436651.54	3711998.83	27.68570	(20120702)
436628.67	3711997.41	26.15676	(20120702)	436352.17	3711869.72	30.81944	(20070405)
436334.76	3711854.82	31.73667	(20070405)	436317.34	3711839.92	31.53343	(20070405)
436299.93	3711825.03	31.42188	(20051605)	436282.52	3711810.13	30.30898	(20051605)
436265.11	3711795.23	32.13812	(21111806)	436247.70	3711780.34	32.88646	(21111806)
436230.29	3711765.44	32.30183	(21111806)	436212.88	3711750.54	30.59318	(21111806)
436195.47	3711735.65	30.82147	(19120804)	436178.06			

3711720.75 33.02014 (19120804)
436160.64 3711705.86 33.33840 (19120804) 436143.23
3711690.96 32.76607 (19120804)
436125.82 3711676.06 30.36304 (19120804) 436108.41
3711661.17 27.17289 (19120804)
436091.00 3711646.27 26.32739 (21090701) 436073.59
3711631.37 27.68494 (21090701)
436056.18 3711616.48 28.73921 (21090701) 436038.77
3711601.58 29.81175 (21090701)
436021.36 3711586.68 30.59909 (21031805) 435882.07
3711467.51 27.32818 (20030803)
437337.10 3712034.06 13.50919 (17022801) 437295.09
3712133.81 26.97733 (20091506)
437272.36 3712132.40 28.29243 (20091506) 437249.62
3712130.99 29.05825 (19011723)
437226.89 3712129.58 29.24773 (21020924) 437204.15
3712128.17 30.90841 (18120724)
437181.42 3712126.76 32.14082 (18052306) 437158.68
3712125.34 32.81615 (18052306)
437135.95 3712123.93 32.07248 (18052306) 437113.21
3712122.52 30.23771 (18052306)
437090.48 3712121.11 31.82645 (20081206) 437067.74
3712119.70 32.52434 (20081206)
437045.01 3712118.28 32.62174 (21091105) 436999.54
3712115.46 29.14477 (20121401)
436976.81 3712114.05 26.24172 (20121401) 436954.07
3712112.64 25.10410 (21082303)
436931.34 3712111.22 24.75496 (19021501) 436908.60
3712109.81 25.52332 (19021501)
436885.87 3712108.40 25.19054 (19021501) 436863.13
3712106.99 24.63242 (20050503)
436840.40 3712105.58 24.73562 (18061301) 436726.73
3712098.52 24.57244 (19052823)
436703.99 3712097.10 25.51936 (19120806) 436681.26
3712095.69 25.42128 (19120806)
436658.52 3712094.28 25.46818 (20120702) 436635.79
3712092.87 25.77698 (20120702)
436613.05 3712091.46 24.83853 (20120702) 436590.32
3712090.05 23.72775 (17102803)
436476.64 3712082.99 23.79900 (19071305) 436436.60
3712066.77 23.72362 (17100222)
436298.14 3711948.30 28.48895 (20070405) 436280.83
3711933.49 29.72269 (20070405)
436263.52 3711918.68 29.84679 (20051605) 436246.21
3711903.87 29.98196 (20051605)
436228.91 3711889.06 28.99855 (21111806) 436211.60
3711874.26 30.69789 (21111806)
436194.29 3711859.45 31.06723 (21111806) 436176.98
3711844.64 30.47451 (21111806)
436159.67 3711829.83 28.85400 (21111806) 436142.37

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436090.44   3711770.60   31.97876 (19120804)   436073.13
3711755.79   30.91294 (19120804)
        436055.83   3711740.98   28.93192 (19120804)   436038.52
3711726.17   26.27924 (19120804)
        436021.21   3711711.36   28.79250 (21090701)   436003.90
3711696.56   30.62973 (21090701)
        435986.59   3711681.75   31.54026 (21090701)   435969.29
3711666.94   31.36535 (21090701)
        435951.98   3711652.13   31.21185 (21090424)   435830.82
3711548.47   28.84517 (20030803)
        435796.21   3711518.86   26.34155 (21101622)   437340.56
3712136.64   22.74730 (21051801)
        437343.73   3712231.85   23.77924 (21051801)   437298.49
3712229.04   26.15948 (20091506)
        437275.87   3712227.64   26.77011 (19011723)   437253.25
3712226.23   27.12215 (19011723)
        437230.64   3712224.83   27.60754 (18120724)   437208.02
3712223.42   28.79149 (18120724)

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        437185.40   3712222.02       29.48136  (18052306)                437162.78
3712220.61       29.87858  (18052306)
        437140.16   3712219.21       29.38131  (18052306)                437117.54
3712217.80       28.24340  (20081206)
        437094.92   3712216.40       29.89407  (20081206)                437072.31
3712214.99       30.68260  (20081206)
        437049.69   3712213.59       30.92831  (21091105)                437004.45
3712210.78       28.40358  (20121401)
        436959.21   3712207.97       23.34271  (21082303)                436936.59
3712206.57       22.92913  (21082303)
        436913.98   3712205.16       23.57676  (19021501)                436891.36
3712203.76       23.83659  (19021501)
        436868.74   3712202.35       23.07870  (19021501)                436846.12
3712200.95       22.81748  (20050503)
        436823.50   3712199.54       23.01152  (18061301)                436710.41
3712192.52       22.64317  (19052823)
        436687.79   3712191.11       23.62197  (19120806)                436665.17
3712189.71       23.69467  (19120806)
        436642.55   3712188.31       23.30140  (20120702)                436619.93
3712186.90       23.83636  (20120702)
        436597.31   3712185.50       23.33103  (20120702)                436574.70
3712184.09       22.09275  (17102803)
        436552.08   3712182.69       22.24837  (17102803)                436529.46
3712181.28       22.49836  (19070105)
        436506.84   3712179.88       22.13994  (18101320)                436484.22
3712178.47       22.71081  (19071305)
        436461.60   3712177.07       22.71843  (19071305)                436438.98
3712175.66       22.03887  (21060824)
        436399.15   3712159.53       22.00708  (17100222)                436381.93
3712144.79       22.25876  (17100222)
        436364.71   3712130.06       22.33651  (20092306)                436347.49
3712115.33       22.96947  (20101803)
        436330.27   3712100.59       22.91928  (20101803)                436313.05
3712085.86       22.64633  (19082401)
        436295.83   3712071.13       21.98899  (19082401)                436278.61
3712056.40       20.73731  (20070405)
        436261.39   3712041.66       22.88711  (20070405)                436244.17
3712026.93       23.92933  (20070405)
        436226.95   3712012.20       23.93170  (20070405)                436209.73
3711997.46       23.70414  (20051605)
        436192.51   3711982.73       23.18930  (20051605)                436175.29
3711968.00       22.69832  (21120223)
        436158.07   3711953.27       23.36261  (21111806)                436140.85
3711938.53       24.18574  (21111806)
        436123.63   3711923.80       24.76331  (21111806)                436106.41
3711909.07       24.73396  (21111806)
        436089.19   3711894.33       24.40895  (19120804)                436071.97
3711879.60       26.59570  (19120804)
        436054.75   3711864.87       27.89793  (19120804)                436037.53
3711850.14       28.28493  (19120804)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436970.60	3710769.10	878.49657	(19021217)	436955.72	3710755.71	744.93927	(19021217)
436964.65	3710655.98	557.68215	(19020217)	437021.21	3710584.54	707.67196	(19021217)
437018.23	3710502.68	486.78288	(17091907)	437036.09	3710435.70	410.59684	(17022717)
437094.14	3710349.37	145.85278	(20090918)	437061.39	3710282.39	90.90702	(17022717)
437037.58	3710213.93	56.84050	(17022717)	437036.09			

3710167.79   44.42321 (17022717)
        437070.32   3710115.69   36.15201 (17022717)   437123.91
3710072.53   25.04233 (17022717)
        437222.14   3710135.04   40.88400 (20090918)   437186.42
3710196.07   53.21430 (20090918)
        437176.00   3710245.18   72.11081 (20090918)   437195.35
3710271.98   80.26077 (20090918)
        437262.33   3710316.63   64.99457 (20041418)   437296.56
3710364.26   50.70609 (20041418)
        437295.07   3710425.28   47.88433 (21021017)   437305.49
3710466.96   48.66569 (21021017)
        437274.24   3710557.75   79.61044 (21101617)   437244.47
3710642.59   88.66944 (21101617)
        437260.84   3710791.43   61.30515 (17070719)   437210.23
3710813.76   67.52899 (17070719)
        437162.60   3710772.08   87.61397 (17070719)   437001.86
3710778.03   377.43617 (17070719)
        436979.53   3710783.99   610.49937 (19021217)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437003.71   3710828.00   98.23500 (21121819)   437026.67
3710827.15   101.51265 (17091907)

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        437049.64   3710826.30      116.62242  (21121316)              437072.60
3710825.45      144.86328  (19021217)
        437095.56   3710824.60      191.76375  (19021217)              437118.52
3710823.75      233.28530  (19021217)
        437141.49   3710822.90      238.37734  (19021217)              437164.45
3710822.05      197.55148  (19121219)
        437005.56   3710877.96      111.03373  (20053122)              437028.52
3710877.11       89.33049  (21121316)
        437051.48   3710876.26      101.64403  (19021217)              437074.45
3710875.41      124.44359  (19021217)
        437097.41   3710874.56      141.68860  (19021217)              437120.37
3710873.71      145.88500  (19021217)
        437143.34   3710872.86      130.50619  (19021217)              437166.30
3710872.01      139.29155  (19121219)
        437007.41   3710927.93      112.41378  (20101803)              437030.37
3710927.08      114.68985  (21020622)
        437053.33   3710926.23       87.89676  (19021217)              437076.30
3710925.38       97.50526  (19021217)
        437099.26   3710924.53      100.54932  (19021217)              437122.22
3710923.68       96.88576  (21112218)
        437145.19   3710922.83       99.73175  (19121219)              437168.15
3710921.98      106.71498  (19121219)
        437009.26   3710977.89      111.89946  (17100222)              437032.22
3710977.04      108.10479  (21020622)
        437055.18   3710976.19       87.30922  (19090606)              437078.15
3710975.34       74.72877  (18121120)
        437101.11   3710974.49       76.33562  (20092523)              437124.07
3710973.64       78.54262  (21112218)
        437147.04   3710972.79       81.62080  (19121219)              437170.00
3710971.94       85.88335  (19121219)
        437011.11   3711027.86      104.45167  (19071305)              437034.07
3711027.01       99.70419  (17102803)
        437057.03   3711026.16       77.62459  (18121120)              437080.00
3711025.31       62.84153  (18121120)
        437102.96   3711024.46       64.62216  (21112218)              437125.92
3711023.61       64.87559  (21112218)
        437148.88   3711022.76       68.46721  (19121219)              437171.85
3711021.91       71.32787  (19121219)
        437012.96   3711077.82       97.60621  (20120702)              437035.92
3711076.97      104.73489  (20120702)
        437058.88   3711076.12      101.25697  (19120806)              437081.85
3711075.27       92.70128  (21121219)
        437104.81   3711074.42       67.61753  (20092523)              437127.77
3711073.57       55.58898  (21090723)
        437150.73   3711072.72       58.58727  (19121219)              437173.70
3711071.87       60.63295  (19121219)
        437014.81   3711127.79       94.12949  (20120702)              437037.77
3711126.94       97.77414  (20120702)
        437060.73   3711126.09       98.53509  (19120806)              437083.70
3711125.24       92.45959  (21121219)
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        437106.66   3711124.39       83.09643  (20050503)               437129.62
3711123.54       63.10193  (21090723)
        437152.58   3711122.69       51.13340  (19121219)               437175.55
3711121.84       52.64296  (19121219)
        437016.66   3711177.76       88.50396  (20120702)               437039.62
3711176.91       89.55219  (19120806)
        437062.58   3711176.06       86.79047  (21121219)               437085.54
3711175.21       86.49394  (18061301)
        437108.51   3711174.36       77.73520  (20050503)               437131.47
3711173.51       69.37829  (19092301)
        437154.43   3711172.66       46.61535  (19121219)               437177.40
3711171.81       46.25974  (19121219)
        437018.51   3711227.72       81.32672  (19120806)               437041.47
3711226.87       81.16231  (19120806)
        437064.43   3711226.02       79.89687  (18061301)               437087.39
3711225.17       81.90561  (18061301)
        437110.36   3711224.32       77.58701  (19021501)               437133.32
3711223.47       67.80012  (19092301)
        437156.28   3711222.62       43.17287  (19121219)               437179.25
3711221.77       41.19233  (19121219)
        437020.36   3711277.69       72.58290  (19120806)               437043.32
3711276.84       71.53364  (21121219)
        437066.28   3711275.99       73.63337  (18061301)               437089.24
3711275.14       75.63389  (19021501)
        437112.21   3711274.29       72.95317  (19021501)               437135.17
3711273.44       64.90263  (19092301)
        437158.13   3711272.59       46.02117  (17010717)               437181.10
3711271.74       37.00692  (19121219)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	59.57328	(21121219)	437047.02	3711376.77	57.47692	(20091402)
437069.98	3711375.92	59.25149	(20050503)	437092.94	3711375.07	59.42634	(19021501)
437115.91	3711374.22	59.33410	(19092301)	437138.87	3711373.37	58.91797	(20121401)
437161.83	3711372.52	49.79219	(17010717)	437184.79	3711371.67	30.54586	(19121219)
437027.75	3711477.55	53.05247	(18061301)	437050.72	3711476.70	50.20875	(20050503)
437073.68	3711475.85	46.82876	(20050503)	437096.64	3711475.00	44.23905	(19092301)
437119.61	3711474.15	44.59026	(19092301)	437142.57	3711473.30	43.10467	(17010717)
437165.53	3711472.45	41.84782	(17010717)	437188.49	3711471.60	26.44457	(19121219)
437031.45	3711577.48	46.19589	(18061301)	437054.42	3711576.63	50.01313	(19021501)
437077.38	3711575.78	54.12348	(19021501)	437100.34	3711574.93	52.88241	(19021501)
437123.30	3711574.08	47.09928	(20121401)	437146.27	3711573.23	41.68778	(20091303)
437169.23	3711572.38	39.09650	(17010717)	437192.19	3711571.53	37.53154	(17010717)
437035.15	3711677.41	38.57734	(18061301)	437058.11	3711676.56	43.67838	(19021501)
437081.08	3711675.71	47.51988	(19021501)	437104.04	3711674.86	47.59249	(19021501)
437127.00	3711674.01	47.72353	(20121401)	437149.97	3711673.16	50.25662	(20121401)
437172.93	3711672.31	49.58741	(20121401)	437195.89	3711671.46	43.09832	(19082904)
437038.85	3711777.35	40.34443	(19021501)	437061.81	3711776.50	43.22560	(19021501)
437084.78	3711775.65	43.94972	(19021501)	437107.74	3711774.80	42.25218	(19021501)
437130.70	3711773.95	43.33294	(20121401)	437153.67	3711773.10	43.71840	(20121401)
437176.63	3711772.25	42.07817	(20121401)	437199.59	3711771.40	37.44407	(19082904)
437042.55	3711877.28	39.05316	(19021501)	437065.51	3711876.43	39.56830	(19021501)
437088.48	3711875.58	38.45043	(19021501)	437111.44			

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3711874.73       36.89404  (21082303)
        437134.40   3711873.88       36.42041  (20121401)                437157.36
3711873.03       34.96594  (20121401)
        437180.33   3711872.18       33.64426  (20121401)                437203.29
3711871.33       32.70248  (19082904)
        437046.25   3711977.21       36.24811  (19021501)                437069.21
3711976.36       36.62356  (19021501)
        437092.17   3711975.51       35.41888  (19021501)                437115.14
3711974.66       35.25573  (21082303)
        437138.10   3711973.81       36.52764  (20121401)                437161.06
3711972.96       34.75046  (20121401)
        437184.03   3711972.11       33.08854  (20121401)                437206.99
3711971.26       31.98695  (19082904)
        437049.95   3712077.14       32.42364  (19021501)                437072.91
3712076.29       32.68417  (19021501)
        437095.87   3712075.44       31.23580  (21082303)                437118.84
3712074.59       31.93132  (20121401)
        437141.80   3712073.74       34.11350  (20121401)                437164.76
3712072.89       34.99406  (20121401)
        437187.73   3712072.04       33.68387  (20121401)                437210.69
3712071.19       33.23468  (20081206)
        437053.65   3712177.07       30.52071  (19021501)                437076.61
3712176.22       30.03736  (19021501)
        437099.57   3712175.37       29.69521  (21082303)                437122.54
3712174.52       30.96974  (20121401)
        437145.50   3712173.67       32.28664  (20121401)                437168.46
3712172.82       32.37391  (20121401)
        437191.42   3712171.97       32.13740  (21091105)                437214.39
3712171.12       31.45891  (20081206)
        437057.35   3712277.00       28.47101  (19021501)                437080.31
3712276.15       27.50938  (19021501)
        437103.27   3712275.30       27.67397  (21082303)                437126.24
3712274.45       29.09889  (20121401)
        437149.20   3712273.60       30.13933  (20121401)                437172.16
3712272.75       30.07216  (20121401)
        437195.12   3712271.90       29.78716  (21091105)                437218.09
3712271.05       29.69940  (20081206)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
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, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437177.30   3710851.39      160.00223  (20122620)               437096.75
3710847.33      169.56308  (19021217)
        437079.70   3710898.86      113.85836  (19021217)               437062.65
3710950.38       82.63296  (19021217)
        437045.60   3711001.90       99.51085  (19090606)               436965.04
3710997.84       96.74487  (20101803)
        436932.11   3711035.47       85.97382  (20070405)               436963.86
3711063.26       89.99668  (20101803)
        436899.18   3711073.10       75.69015  (20070405)               436930.94
3711100.89       79.83886  (20101803)
        436866.26   3711110.73       57.28653  (20070405)               436898.01
3711138.51       61.39221  (20101803)
        436833.33   3711148.35       50.50159  (20051605)               436865.08
3711176.14       50.44500  (20070405)
        436767.48   3711223.61       43.52045  (20051605)               436799.23
3711251.40       45.56800  (20070405)
        436701.62   3711298.86       38.04810  (20092402)               436733.38
3711326.65       40.75789  (20051605)
        436635.77   3711374.12       34.73074  (20092402)               436667.52
3711401.90       35.83732  (20051605)
        436569.92   3711449.37       31.25986  (20092402)               436601.67
3711477.16       31.42593  (21120223)
        436504.06   3711524.63       28.24851  (20092402)               436535.82
3711552.41       28.00031  (20092402)
        436438.21   3711599.88       25.14824  (20092402)               436469.96
3711627.67       25.99682  (20092402)
        436372.35   3711675.14       22.69218  (19112623)               436404.11
3711702.92       23.93430  (19041722)
        436306.50   3711750.39       23.78809  (19120804)               436338.25
3711778.18       24.76152  (21111806)
        436240.65   3711825.65       25.16720  (19120804)               436272.40
3711853.43       24.85642  (21111806)
        436174.79   3711900.90       22.07194  (19120804)               436206.55
3711928.69       19.74860  (21111806)
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        437216.54   3710861.35      127.97236  (20101722)                437247.28
3710852.06      124.28393  (20022307)
        437281.02   3710837.18      145.49016  (19040621)                437236.73
3710907.09      100.52215  (20101722)
        437208.99   3710910.77      108.93989  (20122620)                437157.06
3710894.91      120.46134  (19121219)
        437267.47   3710897.81       98.15087  (20022307)                437301.21
3710882.92      129.02403  (19040621)
        437254.14   3710953.20       81.53876  (20101722)                437220.85
3710957.62       87.37608  (20122620)
        437157.12   3710947.88       93.46597  (19121219)                437287.65
3710943.55      117.30844  (21021002)
        437321.39   3710928.67      110.38051  (19040621)                437275.11
3710998.84       67.66416  (20101722)
        437243.41   3711003.05       69.05963  (20010918)                437211.71
3711007.26       75.97593  (20122620)
        437151.01   3710997.98       75.31180  (19121219)                437307.83
3710989.30      102.06266  (21021002)
        437341.57   3710974.41       91.25918  (20050801)                437293.81
3711044.79       58.04049  (20022307)
        437259.14   3711049.39       58.62039  (20052322)                437224.47
3711053.99       64.44104  (20122620)
        437140.74   3711046.14       61.48823  (19121219)                437328.02
3711035.04       76.30277  (21021002)
        437361.76   3711020.16       65.53267  (20092322)                437314.69
3711090.44       50.99835  (20022307)
        437281.40   3711094.86       51.28432  (20101722)                437248.12
3711099.27       54.15106  (20122620)
        437214.83   3711103.69       56.48334  (20122620)                437134.46
3711096.16       52.61543  (21090723)
        437043.12   3711053.68       99.99328  (20120702)                437348.20
3711080.79       54.89165  (20022307)
        437381.94   3711065.90       49.61159  (21021920)                437333.86
3711136.32       45.48272  (20022307)
        437298.56   3711141.00       45.32424  (20101722)                437263.26
3711145.69       46.80820  (20122620)
        437227.95   3711150.37       49.77043  (20122620)                437192.65
3711155.06       47.71274  (19121219)
        437141.20   3711152.23       54.91568  (21090723)                437028.18
3711099.68      102.18920  (20120702)
        437368.38   3711126.53       45.66240  (20022307)                437402.12
3711111.65       44.31850  (21021920)
        437354.63   3711181.99       42.95194  (20102819)                437320.49
3711186.52       40.45569  (20101722)
        437286.35   3711191.05       40.38749  (20010918)                437252.21
3711195.58       43.67837  (20122620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	44.08546	(20122620)	437118.57	3711194.65	74.21075	(19092301)
437024.88	3711151.08	93.01686	(20120702)	436993.66	3711136.56	86.02869	(18101320)
436962.43	3711122.04	82.73126	(19071305)	437388.57	3711172.28	40.82846	(20022307)
437422.31	3711157.39	42.22563	(20022307)	437374.05	3711227.83	43.90798	(20102819)
437338.39	3711232.57	39.55830	(20101722)	437302.72	3711237.30	36.15420	(20052322)
437267.06	3711242.03	38.78148	(20122620)	437231.40	3711246.76	39.87949	(20122620)
437195.73	3711251.50	38.30427	(19121219)	437125.93	3711251.01	70.76432	(19092301)
437028.06	3711205.50	84.79036	(19120806)	436995.44	3711190.33	83.10380	(20120702)
436962.82	3711175.16	79.51310	(18101320)	436930.20	3711159.99	67.32967	(18101320)
437408.75	3711218.02	36.78093	(20022307)	437442.49	3711203.14	46.85079	(20100624)
437394.73	3711273.51	42.09478	(20102819)	437360.06	3711278.11	43.03408	(17102724)
437325.38	3711282.71	32.69407	(20101722)	437290.71	3711287.32	33.85509	(20122620)
437256.04	3711291.92	36.02499	(20122620)	437221.37			

3711296.52 35.66382 (20122620)
437186.69 3711301.12 34.86054 (19121219) 437152.02
3711305.72 55.14543 (17010717)
437118.83 3711300.65 65.93114 (19092301) 437007.82
3711249.03 77.64106 (20120702)
436976.11 3711234.28 74.75642 (20120702) 436944.39
3711219.53 72.61392 (18101320)
436912.68 3711204.78 58.14054 (18101320) 437428.94
3711263.77 43.07976 (20022307)
437462.68 3711248.88 51.44428 (20100624) 437434.91
3711365.03 46.29190 (21021002)
437399.88 3711369.68 44.17469 (20092222) 437364.84
3711374.33 39.51845 (17022801)
437329.80 3711378.98 27.55138 (20052322) 437294.76
3711383.62 29.20615 (20122620)
437259.73 3711388.27 30.30786 (20122620) 437224.69
3711392.92 29.60142 (20122620)
437189.65 3711397.57 29.19127 (19121219) 437154.61
3711402.22 50.41227 (17010717)
437103.55 3711399.42 57.33185 (19021501) 437007.40
3711354.71 64.60230 (19120806)
436975.35 3711339.81 67.96916 (20120702) 436943.30
3711324.90 62.35274 (18101320)
436911.25 3711310.00 57.47701 (18101320) 436879.21
3711295.10 46.80146 (17100222)
436847.16 3711280.19 47.59719 (20101803) 437469.30
3711355.26 49.17209 (20012324)
437503.04 3711340.37 53.00191 (17093002) 437475.15
3711456.54 44.78036 (21021002)
437439.85 3711461.22 39.92268 (20092405) 437404.54
3711465.90 40.00441 (19100804)
437369.24 3711470.59 37.28520 (17022801) 437333.94
3711475.27 23.95343 (20010918)
437298.63 3711479.96 25.40636 (20122620) 437263.33
3711484.64 25.92466 (20122620)
437228.03 3711489.33 25.06701 (20122620) 437192.72
3711494.01 31.22190 (17010717)
437157.42 3711498.70 40.23778 (17010717) 437122.12
3711503.38 42.37094 (19092301)
437088.32 3711498.22 42.81247 (20050503) 437007.59
3711460.67 55.29801 (21121219)
436975.30 3711445.66 58.06327 (19120806) 436943.00
3711430.64 50.94413 (20120702)
436910.71 3711415.63 46.78379 (18101320) 436878.42
3711400.61 44.88973 (18101320)
436846.13 3711385.59 42.12885 (17100222) 436813.84
3711370.58 43.07611 (20101803)
436781.55 3711355.56 40.74881 (19082401) 437509.67
3711446.75 49.66444 (20012324)
437543.41 3711431.86 51.11253 (17093002) 437515.41

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437337.89   3711571.60   21.16825 (20122620)   437302.38
3711576.31   28.55962 (20122620)
        437266.88   3711581.02   35.91955 (19120802)   437231.38
3711585.73   35.38329 (19120802)
        437160.37   3711595.15   41.71450 (20091303)   437124.86
3711599.86   48.28005 (20121401)
        437008.16   3711566.82   42.37333 (18061301)   436975.69
3711551.72   42.58846 (19120806)
        436943.21   3711536.62   43.99138 (20120702)   436910.73
3711521.51   43.37446 (20120702)
        436878.26   3711506.41   42.10240 (18101320)   436845.78
3711491.31   39.91105 (19071305)
        436813.31   3711476.21   37.77217 (17100222)   436780.83
3711461.10   38.84740 (20101803)
        436748.35   3711446.00   37.89095 (19082401)   436715.88
3711430.90   36.50292 (20070405)

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        437550.04   3711538.24       45.42889  (20012324)              437583.78
3711523.35       45.87926  (17093002)
        437555.70   3711639.54       40.24779  (20012324)              437520.04
3711644.27       34.06511  (21021002)
        437484.38   3711649.00       33.45258  (20092222)              437448.71
3711653.74       33.75536  (19102119)
        437413.05   3711658.47       31.11384  (17022801)              437377.39
3711663.20       25.45507  (17022801)
        437341.72   3711667.93       19.06709  (20122620)              437306.06
3711672.67       28.05195  (19120802)
        437270.39   3711677.40       32.36525  (19120802)              437234.73
3711682.13       33.44618  (19120802)
        437109.91   3711698.70       45.63366  (19021501)              437009.00
3711673.09       37.36893  (18061301)
        436976.38   3711657.92       34.95111  (21121219)              436943.76
3711642.75       37.18421  (19120806)
        436911.14   3711627.58       37.36631  (20120702)              436878.52
3711612.41       36.23583  (20120702)
        436845.90   3711597.24       35.34298  (19070105)              436813.27
3711582.07       36.51350  (19071305)
        436780.65   3711566.90       34.83169  (17100222)              436748.03
3711551.73       35.28913  (20101803)
        436715.41   3711536.56       34.88481  (20101803)              436682.79
3711521.39       31.76061  (19082401)
        436650.17   3711506.22       33.56853  (20070405)              437590.40
3711629.73       43.78544  (18122022)
        437624.14   3711614.84       39.17922  (17093002)              437596.01
3711731.04       41.55313  (18122022)
        437560.21   3711735.79       33.40435  (21021002)              437524.42
3711740.54       31.11069  (20092222)
        437488.63   3711745.29       31.03504  (20092222)              437452.84
3711750.04       31.52204  (19102119)
        437417.05   3711754.79       27.89959  (17022801)              437381.26
3711759.54       22.85009  (17022801)
        437345.47   3711764.28       17.23159  (20122620)              437309.68
3711769.03       27.42153  (19120802)
        437273.88   3711773.78       28.42450  (19120802)              437238.09
3711778.53       28.76454  (20092002)
        437094.93   3711797.53       42.26985  (19021501)              437010.03
3711779.44       37.19799  (18061301)
        436977.29   3711764.22       31.61724  (18061301)              436944.55
3711749.00       31.76181  (19120806)
        436911.81   3711733.77       33.73915  (19120806)              436879.08
3711718.55       33.95020  (20120702)
        436846.34   3711703.32       31.89247  (20120702)              436813.60
3711688.10       32.63192  (19070105)
        436780.86   3711672.88       33.58107  (19071305)              436748.12
3711657.65       31.83146  (21060824)
        436715.38   3711642.43       31.95820  (20092306)              436682.65
3711627.20       32.15460  (20101803)
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436649.91 3711611.98 30.12158 (19082401) 436617.17
3711596.76 30.28118 (20070405)
436584.43 3711581.53 30.26162 (20051605) 437630.77
3711721.22 38.78728 (18122022)
437664.51 3711706.33 36.12338 (17093002) 437636.32
3711822.54 37.90293 (18122022)
437600.42 3711827.30 31.88975 (20012324) 437564.53
3711832.06 30.57173 (20092405)
437528.63 3711836.83 30.08166 (20092222) 437492.73
3711841.59 30.20737 (19102119)
437456.84 3711846.35 27.95823 (19102119) 437420.94
3711851.12 25.33370 (17022801)
437385.04 3711855.88 23.55059 (20091401) 437349.15
3711860.64 21.54802 (20122620)
*** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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3711840.06       30.17999  (19120806)
        436879.85   3711824.79       30.42356  (19120806)                436847.02
3711809.52       31.12230  (20120702)
        436814.18   3711794.25       29.55503  (17102803)                436781.35
3711778.98       29.44525  (19070105)
        436748.52   3711763.71       30.13699  (19071305)                436715.68
3711748.44       28.66095  (21060824)
        436682.85   3711733.17       29.05941  (17100222)                436650.01
3711717.91       29.60815  (20101803)
        436617.18   3711702.64       28.31112  (19082401)                436584.34
3711687.37       26.85697  (20070405)
        436551.51   3711672.10       27.97958  (20070405)                436518.67
3711656.83       27.29088  (20051605)
        437671.14   3711812.71       35.76446  (18122022)                437704.88
3711797.82       33.72351  (17093002)
        437676.64   3711914.03       30.24538  (20012324)                437640.66
3711918.81       29.01782  (20012324)
        437604.67   3711923.58       28.21934  (20092405)                437568.69
3711928.36       27.74851  (20092222)
        437532.70   3711933.13       27.54739  (19102119)                437496.72
3711937.91       28.24311  (19102119)
        437460.73   3711942.68       25.29860  (19092304)                437424.75
3711947.46       23.65515  (17022801)
        437388.77   3711952.23       21.95694  (19091403)                437352.78
3711957.01       23.27647  (21020924)
        437316.80   3711961.78       25.51749  (19120802)                437280.81
3711966.56       29.99907  (19120802)
        437244.83   3711971.33       32.58483  (19072204)                437012.46
3711992.33       31.73954  (19021501)
        436979.54   3711977.02       30.40323  (18061301)                436946.63
3711961.72       27.27449  (18061301)
        436913.71   3711946.41       26.59836  (21121219)                436880.80
3711931.11       28.96927  (19120806)
        436847.88   3711915.80       27.81164  (20120702)                436814.97
3711900.49       28.00672  (20120702)
        436782.05   3711885.19       26.71825  (17102803)                436749.14
3711869.88       26.70046  (19070105)
        436716.22   3711854.57       27.49788  (19071305)                436683.31
3711839.27       26.26704  (21060824)
        436650.39   3711823.96       26.59615  (17100222)                436617.48
3711808.65       26.91446  (20101803)
        436584.56   3711793.35       26.12107  (19082401)                436551.65
3711778.04       23.75339  (19082401)
        436518.73   3711762.74       25.53223  (20070405)                436485.81
3711747.43       25.39183  (20051605)
        436452.90   3711732.12       24.40267  (21120223)                437711.51
3711904.20       32.40936  (17093002)
        437745.25   3711889.31       31.64338  (17093002)                437716.97
3712005.53       27.02462  (20012324)
        437680.91   3712010.31       26.45296  (20012324)                437644.85
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3712015.10   25.54003 (20092405)
        437608.79   3712019.88   25.64903 (20092222)   437572.73
3712024.67   24.19877 (20092222)
        437536.67   3712029.45   26.28395 (19102119)   437500.61
3712034.24   26.14050 (19102119)
        437464.55   3712039.02   22.99850 (17022801)   437428.50
3712043.81   21.72104 (17091523)
        437392.44   3712048.59   21.13084 (19011723)   437356.38
3712053.38   21.31043 (21020924)
        437320.32   3712058.16   25.67249 (19120802)   437284.26
3712062.95   30.93379 (19082902)
        437248.20   3712067.73   31.71352 (20081206)   437031.84
3712096.44   30.48229 (19021501)
        436997.32   3712091.17   25.17539 (19021501)   436964.33
3712075.83   24.84965 (18061301)
        436931.35   3712060.49   24.07783 (20091402)   436898.36
3712045.15   25.00305 (21121219)
        436865.38   3712029.81   25.64712 (19120806)   436832.40
3712014.48   25.45062 (19120806)
        436799.41   3711999.14   26.00901 (20120702)   436766.43
3711983.80   24.37690 (17102803)
        436733.45   3711968.46   24.76466 (19070105)   436700.46
3711953.12   25.06423 (19071305)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

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        436321.32   3711882.69       26.57895  (21111806)                437792.24
3712087.18       25.57570  (17093002)
        437825.98   3712072.30       27.07902  (17093002)                437797.65
3712188.52       23.62594  (20012324)
        437761.47   3712193.32       22.67402  (20012324)                437725.29
3712198.12       21.20647  (21021002)
        437689.11   3712202.92       20.73382  (20092405)                437652.93
3712207.72       20.57855  (20092222)
        437616.75   3712212.52       20.30296  (19100804)                437580.57
3712217.32       21.22877  (19102119)
        437544.38   3712222.12       23.55677  (19102119)                437508.20
3712226.92       21.99983  (21051801)
        437472.02   3712231.73       20.07768  (19011723)                437435.84
3712236.53       21.18483  (19011723)
        437399.66   3712241.33       19.55900  (21020924)                437363.48
3712246.13       23.71392  (21020924)
        437327.30   3712250.93       28.49010  (18052306)                437291.12
3712255.73       28.19972  (18052306)
        437254.94   3712260.53       28.49546  (20081206)                437037.86
3712289.34       28.07631  (19021501)
        437001.68   3712294.14       25.61966  (19021501)                436967.04
3712288.84       22.48036  (18061301)
        436933.95   3712273.46       21.73319  (18061301)                436900.85
3712258.07       20.30796  (20091402)
        436867.76   3712242.68       20.99810  (21121219)                436834.67
3712227.29       21.52644  (19120806)
        436801.57   3712211.90       22.16303  (19120806)                436768.48
3712196.51       22.36734  (20120702)
        436735.38   3712181.12       22.14250  (20120702)                436702.29
3712165.73       20.84983  (17102803)
        436669.19   3712150.34       22.04757  (18101320)                436636.10
3712134.95       22.10525  (18101320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	21.35299	(19071305)	436569.91	3712104.17	20.45560	(17100222)
436536.82	3712088.78	20.85457	(17100222)	436503.72	3712073.39	21.38988	(20101803)
436470.63	3712058.00	20.82583	(19082401)	436437.54	3712042.61	19.84260	(19082401)
436404.44	3712027.22	19.87471	(20070405)	436371.35	3712011.83	21.34630	(20070405)
436338.25	3711996.44	21.68748	(20051605)	436305.16	3711981.05	21.80097	(21111806)
436272.06	3711965.67	23.36732	(21111806)	436238.97	3711950.28	22.13683	(21111806)
437832.61	3712178.67	23.88235	(17093002)	437866.35	3712163.79	25.17932	(17093002)
437307.35	3710801.18	123.96726	(17072004)	437307.81	3710761.16	113.55702	(17072004)
437305.08	3710736.35	114.67426	(17070719)	437302.36	3710711.54	115.18695	(17070719)
437299.63	3710686.74	119.10800	(21101617)	437296.90	3710661.93	123.77441	(21101617)
437294.17	3710637.12	125.99920	(21101617)	437355.99	3710800.79	85.79824	(17070719)
437332.06	3710855.22	112.60077	(19040621)	437357.51	3710755.69	85.21350	(17070719)
437354.78	3710730.88	85.10959	(17070719)	437352.06	3710706.08	84.71391	(17070719)
437349.33	3710681.27	90.64052	(21101617)	437346.60	3710656.46	93.01031	(21101617)
437343.87	3710631.66	93.33734	(21101617)	437405.16	3710797.86	65.50908	(17070719)
437400.37	3710820.68	66.87466	(17070719)	437395.58	3710843.51	66.77276	(18020618)
437373.45	3710881.92	88.88782	(19040621)	437356.09	3710897.50	98.77555	(19040621)
437338.74	3710913.08	106.59919	(19040621)	437409.94	3710775.03	63.30892	(18122117)
437407.21	3710750.22	61.88487	(20022318)	437404.48	3710725.42	62.30372	(20011417)
437401.76	3710700.61	63.38141	(20011417)	437399.03			

3710675.80   64.10931 (20022318)
        437396.30   3710651.00   67.06492 (21101617)   437393.57
3710626.19   69.55850 (21101617)
        437454.54   3710793.91   55.65422 (20021618)   437449.43
3710818.26   58.02659 (20021618)
        437444.33   3710842.61   59.01903 (19122917)   437439.22
3710866.96   59.12208 (19122917)
        437415.61   3710907.92   67.45326 (17072004)   437397.10
3710924.55   82.67073 (17072004)
        437378.59   3710941.17   91.79786 (19040621)   437360.08
3710957.79   89.71767 (20050801)
        437459.64   3710769.57   53.81026 (20011417)   437456.91
3710744.76   54.09471 (20011417)
        437454.18   3710719.95   53.93613 (20011417)   437451.46
3710695.15   53.68649 (20011417)
        437448.73   3710670.34   53.81626 (20012117)   437446.00
3710645.53   54.53564 (20012117)
        437443.27   3710620.73   56.08444 (20012117)   437504.78
3710785.84   50.56854 (18070106)
        437495.67   3710829.32   50.06753 (20021618)   437486.55
3710872.79   53.36437 (19122917)
        437460.91   3710931.11   53.59579 (18020618)   437427.86
3710960.79   71.65267 (17072004)
        437394.81   3710990.47   85.83729 (19040621)   437506.61
3710739.29   51.77907 (20011417)
        437503.88   3710714.49   52.09652 (20012117)   437501.16
3710689.68   52.44534 (20012117)
        437498.43   3710664.87   52.47425 (20012117)   437495.70
3710640.07   52.78899 (20012117)
        437492.97   3710615.26   52.79356 (21010117)   437554.26
3710781.46   50.66145 (18121117)
        437549.47   3710804.28   49.93594 (18022222)   437544.69
3710827.11   48.73716 (18022222)
        437539.90   3710849.94   47.77624 (18122117)   437535.11
3710872.76   48.22738 (20021618)
        437530.33   3710895.59   48.78218 (19122917)   437525.54
3710918.41   49.69255 (19122917)
        437503.41   3710956.82   51.01815 (18021605)   437486.05
3710972.40   52.51477 (18021605)
        437468.70   3710987.99   52.97223 (17072004)   437451.35
3711003.57   64.02640 (17072004)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437434.00   3711019.15   77.24462 (17072004)   437416.65
3711034.74   79.50166 (19040621)
        437399.29   3711050.32   71.93876 (20050801)   437559.04
3710758.63   50.71103 (18121117)
        437556.31   3710733.83   50.55508 (17120317)   437553.59
3710709.02   50.78399 (17120317)
        437550.86   3710684.21   50.78929 (21010117)   437548.13
3710659.41   51.17712 (21010117)
        437545.40   3710634.60   51.21134 (21010117)   437542.67
3710609.79   50.94618 (21010117)
        437603.78   3710776.84   48.22879 (17122019)   437598.82
3710800.51   48.23802 (18121117)
        437593.85   3710824.18   48.39005 (18022222)   437588.89
3710847.85   47.93053 (18022222)
        437583.93   3710871.52   46.05131 (18022222)   437578.97
3710895.19   46.02936 (18122117)
        437574.00   3710918.86   45.63424 (20021618)   437569.04
3710942.54   46.08227 (19122917)
        437546.08   3710982.37   46.06503 (21123118)   437528.09
3710998.53   47.94631 (18021605)
        437510.09   3711014.69   49.74638 (18021605)   437492.10
3711030.85   50.95786 (21021319)
        437474.10   3711047.01   57.95125 (17072004)   437456.11
3711063.17   72.01631 (17072004)
        437438.11   3711079.33   74.82201 (19040621)   437420.12
3711095.49   65.54537 (20050801)
        437608.74   3710753.17   47.45852 (18021903)   437606.01
3710728.36   47.57838 (19122417)
        437603.29   3710703.55   47.62410 (19122417)   437600.56
3710678.75   47.78282 (21010117)

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        437597.83   3710653.94       47.88612  (20020818)               437595.10
3710629.13       48.18594  (18020519)
        437592.37   3710604.33       47.83819  (18020519)               437653.34
3710772.05       43.03260  (18021903)
        437648.23   3710796.40       41.49442  (18011920)               437643.13
3710820.74       42.46369  (18021904)
        437638.02   3710845.09       45.17298  (18021904)               437632.92
3710869.44       45.36042  (18021904)
        437627.82   3710893.79       43.79222  (18022222)               437622.71
3710918.13       43.06843  (18122117)
        437617.61   3710942.48       42.84503  (18122117)               437612.50
3710966.83       42.51392  (19122917)
        437588.89   3711007.80       43.20358  (19122917)               437570.38
3711024.42       43.83483  (21123118)
        437551.87   3711041.04       44.90682  (17021106)               437533.36
3711057.66       45.71980  (21021319)
        437514.85   3711074.28       47.22504  (21021319)               437496.34
3711090.91       50.49895  (17072004)
        437477.84   3711107.53       64.88321  (17072004)               437459.33
3711124.15       71.76998  (19040621)
        437440.82   3711140.77       61.03552  (20050801)               437658.44
3710747.70       43.92973  (18021903)
        437655.71   3710722.89       44.16990  (19122417)               437652.99
3710698.09       44.65567  (20020818)
        437650.26   3710673.28       45.19146  (20020818)               437647.53
3710648.47       45.03806  (20020818)
        437644.80   3710623.67       44.18794  (18020519)               437642.07
3710598.86       42.48076  (18122507)
        437703.36   3710765.06       30.75072  (19021718)               437698.57
3710787.89       30.92013  (19021718)
        437693.79   3710810.71       30.74795  (19022102)               437689.00
3710833.54       32.89261  (19022102)
        437684.22   3710856.36       36.28050  (19022102)               437679.43
3710879.19       41.19942  (18021904)
        437674.64   3710902.01       42.16020  (18021904)               437669.86
3710924.84       40.41299  (18021904)
        437665.07   3710947.67       40.27673  (18122117)               437660.29
3710970.49       40.22844  (18122117)
        437655.50   3710993.32       39.60148  (20021618)               437633.36
3711031.73       40.71542  (19122917)
        437616.01   3711047.31       40.08202  (19122917)               437598.66
3711062.89       41.30263  (21123118)
        437581.31   3711078.47       42.13668  (17021106)               437563.96
3711094.06       42.30175  (18012907)
        437546.60   3711109.64       43.83200  (21021319)               437529.25
3711125.22       44.70373  (19012018)
        437511.90   3711140.81       57.54196  (17072004)               437494.55
3711156.39       65.60654  (17072004)
        437477.20   3711171.97       66.13397  (19040621)               437459.84
3711187.55       57.99274  (19040621)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	29.87807	(19021718)	437705.41	3710717.43	29.81016	(19021718)
437702.69	3710692.62	30.07567	(19021718)	437699.96	3710667.81	31.34816	(17012018)
437697.23	3710643.01	32.23101	(17012018)	437694.50	3710618.20	30.79639	(17012018)
437691.77	3710593.39	29.49426	(21101617)	437752.93	3710760.18	26.48446	(19021718)
437748.03	3710783.59	27.84610	(19021718)	437743.12	3710807.00	28.04048	(19021718)
437738.21	3710830.41	28.08848	(19022102)	437733.30	3710853.82	28.89840	(19022102)
437728.39	3710877.23	29.19097	(19022102)	437723.49	3710900.65	30.15774	(19022102)
437718.58	3710924.06	32.32125	(18021904)	437713.67	3710947.47	35.57906	(18021904)
437708.76	3710970.88	36.86483	(18122117)	437703.85	3710994.29	37.80702	(18122117)
437698.94	3711017.70	37.00540	(20021618)	437676.24	3711057.09	38.20756	(19122917)
437658.44	3711073.08	38.09950	(19122917)	437640.65			

3711089.06 38.31387 (21123118)
437622.85 3711105.04 39.22844 (17021106) 437605.05
3711121.02 39.74842 (17021106)
437587.25 3711137.01 41.07183 (21021319) 437569.46
3711152.99 41.40837 (21021319)
437551.66 3711168.97 50.65360 (17072004) 437533.86
3711184.95 57.70749 (17072004)
437516.07 3711200.93 61.49574 (17072004) 437498.27
3711216.92 62.12610 (19040621)
437480.47 3711232.90 56.31040 (19040621) 437757.84
3710736.77 22.71746 (19021718)
437755.11 3710711.96 22.80438 (21101617) 437752.39
3710687.15 24.25718 (21101617)
437749.66 3710662.35 25.29722 (21101617) 437746.93
3710637.54 25.88752 (21101617)
437744.20 3710612.73 26.00751 (21101617) 437741.47
3710587.93 25.65134 (21101617)
437852.14 3710750.18 18.48743 (19021718) 437847.03
3710774.53 18.85409 (19021718)
437841.93 3710798.88 20.03524 (19021718) 437836.83
3710823.23 22.35426 (19021718)
437831.72 3710847.57 22.98783 (19021718) 437826.62
3710871.92 23.79254 (19022102)
437821.51 3710896.27 24.90739 (19022102) 437816.41
3710920.62 25.36243 (19022102)
437811.30 3710944.96 25.23811 (19022102) 437806.20
3710969.31 25.04510 (19022102)
437801.09 3710993.66 24.06549 (18021904) 437795.99
3711018.01 23.69353 (18021904)
437790.88 3711042.35 24.80852 (18021904) 437785.78
3711066.70 28.84433 (19021420)
437762.17 3711107.67 33.71627 (19122917) 437743.66
3711124.29 34.01941 (19122917)
437725.15 3711140.91 33.81147 (19122917) 437706.64
3711157.53 34.57676 (21123118)
437688.13 3711174.16 35.52516 (18021605) 437669.62
3711190.78 35.09521 (18021605)
437651.11 3711207.40 34.01532 (18021605) 437632.60
3711224.02 34.11024 (21021319)
437614.10 3711240.64 40.19712 (17072004) 437595.59
3711257.26 47.05416 (17072004)
437577.08 3711273.89 52.42603 (17072004) 437558.57
3711290.51 54.54136 (17072004)
437540.06 3711307.13 53.80500 (19040621) 437521.55
3711323.75 51.54176 (17093002)
437857.24 3710725.84 17.85400 (21101617) 437854.52
3710701.03 18.95205 (21101617)
437851.79 3710676.22 19.76190 (21101617) 437849.06
3710651.42 20.24662 (21101617)
437846.33 3710626.61 20.38455 (21101617) 437843.60

3710601.80   20.17026 (21101617)
        437840.87   3710577.00   19.60677 (21101617)   437951.68
3710738.57   14.57100 (21101617)
        437946.72   3710762.25   15.74303 (19021718)   437941.76
3710785.92   17.25490 (19021718)
        437936.79   3710809.59   17.58620 (19021718)   437931.83
3710833.26   18.05580 (19021718)
        437926.87   3710856.93   20.05051 (19021718)   437921.91
3710880.60   20.52104 (19021718)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437916.94   3710904.27   20.26821 (19022102)   437911.98
3710927.94   21.05095 (19022102)
        437907.02   3710951.61   21.64836 (19022102)   437902.05
3710975.29   21.99520 (19022102)
        437897.09   3710998.96   21.98362 (19022102)   437892.13
3711022.63   21.90661 (18021904)
        437887.17   3711046.30   21.30080 (18021904)   437882.20
3711069.97   20.43361 (18021904)
        437877.24   3711093.64   19.79840 (18021904)   437872.28
3711117.31   19.84844 (17122018)
        437849.32   3711157.14   28.26121 (17021119)   437831.33
3711173.30   30.90145 (19122917)

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        437813.33   3711189.46       31.10329  (19122917)               437795.34
3711205.62       30.65055  (19022819)
        437777.34   3711221.78       30.55350  (21123118)               437759.35
3711237.94       31.76642  (21123118)
        437741.35   3711254.10       32.53064  (18021605)               437723.36
3711270.26       32.58741  (18021605)
        437705.36   3711286.42       32.68990  (21021319)               437687.37
3711302.58       33.25919  (21021319)
        437669.37   3711318.74       33.04061  (19012018)               437651.38
3711334.90       34.41576  (17072004)
        437633.38   3711351.06       39.64015  (17072004)               437615.39
3711367.22       43.91125  (17072004)
        437597.39   3711383.38       46.45416  (17072004)               437579.40
3711399.54       46.51071  (17072004)
        437561.40   3711415.70       47.01417  (17093002)               437956.64
3710714.90       15.17714  (21101617)
        437953.92   3710690.10       15.80648  (21101617)               437951.19
3710665.29       16.20052  (21101617)
        437948.46   3710640.48       16.34258  (21101617)               437945.73
3710615.68       16.22229  (21101617)
        437943.00   3710590.87       15.84352  (21101617)               437940.27
3710566.06       15.22093  (21101617)
        438050.94   3710728.32       15.79513  (17012018)               438045.84
3710752.67       16.12189  (17012018)
        438040.73   3710777.01       15.77274  (19021718)               438035.63
3710801.36       14.95057  (19021718)
        438030.52   3710825.71       16.05829  (19021718)               438025.42
3710850.06       18.38078  (19021718)
        438020.31   3710874.40       18.95837  (19021718)               438015.21
3710898.75       19.21131  (19021718)
        438010.10   3710923.10       18.87739  (19021718)               438005.00
3710947.45       19.25324  (19022102)
        437999.90   3710971.79       19.93207  (19022102)               437994.79
3710996.14       19.73127  (19022102)
        437989.69   3711020.49       19.97705  (19022102)               437984.58
3711044.84       19.86617  (19022102)
        437979.48   3711069.18       19.35906  (18021904)               437974.37
3711093.53       18.80515  (18021904)
        437969.27   3711117.88       18.17457  (18021904)               437964.16
3711142.23       17.04319  (18021904)
        437959.06   3711166.57       15.87416  (18021904)               437935.45
3711207.54       17.34596  (19120917)
        437916.94   3711224.16       22.01302  (19120917)               437898.43
3711240.79       25.75127  (19122917)
        437879.92   3711257.41       28.61070  (19122917)               437861.41
3711274.03       28.05337  (19022819)
        437842.90   3711290.65       27.83494  (20040220)               437824.39
3711307.27       28.71416  (20011318)
        437805.88   3711323.89       29.23626  (17021106)               437787.37
3711340.52       29.28388  (17021106)
```

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438145.46   3710740.67   22.09880 (20020818)   438140.46
3710764.49   18.22412 (20020818)
        438135.47   3710788.31   14.57426 (19021718)   438130.48

3710812.13 14.87979 (19021718)
438125.48 3710835.95 17.09073 (19021718) 438120.49
3710859.77 18.05800 (19021718)
438115.50 3710883.58 18.31387 (19021718) 438110.50
3710907.40 18.14504 (19021718)
438105.51 3710931.22 18.00954 (19021718) 438100.52
3710955.04 17.65922 (19021521)
438095.52 3710978.86 17.26593 (17022218) 438090.53
3711002.67 17.85850 (19022102)
438085.54 3711026.49 18.34807 (19022102) 438080.54
3711050.31 18.21968 (19022102)
438075.55 3711074.13 17.95125 (19022102) 438070.55
3711097.95 17.71560 (19022102)
438065.56 3711121.77 17.68330 (18021904) 438060.57
3711145.58 16.99745 (18021904)
438055.57 3711169.40 16.25668 (18021904) 438050.58
3711193.22 15.54972 (18021904)
438045.59 3711217.04 14.76347 (18021904) 438022.49
3711257.12 14.88171 (17122018)
438004.38 3711273.38 15.39084 (19120917) 437986.27
3711289.64 16.85577 (19120917)
437968.17 3711305.90 19.15274 (21012218) 437950.06
3711322.16 23.25112 (17010218)
437931.95 3711338.42 25.70720 (17010218) 437913.85
3711354.68 25.64644 (20040220)
437895.74 3711370.94 26.25298 (21123118) 437877.64
3711387.20 26.57729 (17021106)
437859.53 3711403.46 26.99206 (17021106) 437841.42
3711419.72 26.77412 (18021605)
437823.32 3711435.98 27.07110 (18012907) 437805.21
3711452.24 27.45265 (21021319)
437787.10 3711468.50 27.07931 (21021319) 437769.00
3711484.76 27.68201 (19012018)
437750.89 3711501.02 29.32930 (17072004) 437732.78
3711517.28 33.43377 (17072004)
437714.68 3711533.54 35.96996 (17072004) 437696.57
3711549.80 36.96653 (17072004)
437678.46 3711566.06 36.09555 (17072004) 437660.36
3711582.32 33.69569 (17072004)
437642.25 3711598.58 36.31047 (17093002) 438155.45
3710693.04 26.62816 (19012101)
438152.72 3710668.23 26.90652 (18020519) 438149.99
3710643.42 26.86768 (18122506)
438147.26 3710618.62 26.81373 (18122506) 438144.53
3710593.81 24.90270 (18122507)
438141.80 3710569.00 22.63374 (18122507) 438139.08
3710544.20 20.78906 (18122507)
438249.74 3710706.45 21.55541 (20042419) 438244.64
3710730.80 23.32811 (17121917)
438239.53 3710755.15 24.45206 (17010518) 438234.43

3710779.50   25.06535 (20020818)
        438229.32   3710803.84   25.01628 (20020818)   438224.22
3710828.19   22.53606 (20020818)
        438219.11   3710852.54   17.47741 (19021718)   438214.01
3710876.89   14.40383 (19021718)
        438208.91   3710901.23   16.39674 (19021718)   438203.80
3710925.58   17.21011 (19021718)
        438198.70   3710949.93   17.50225 (19021521)   438193.59
3710974.28   17.44104 (19021521)
        438188.49   3710998.62   17.09270 (19021521)   438183.38
3711022.97   17.07893 (18011920)
        438178.28   3711047.32   17.14446 (19022102)   438173.17
3711071.67   17.28042 (19022102)
        438168.07   3711096.01   17.24520 (19022102)   438162.96
3711120.36   17.15334 (19022102)
        438157.86   3711144.71   17.43601 (18021904)   438152.76
3711169.06   17.58387 (18021904)
        438147.65   3711193.40   17.32355 (18021904)   438142.55
3711217.75   16.35330 (18021904)
        438137.44   3711242.10   15.24297 (18021904)   438132.34
3711266.45   14.11702 (18021904)
        438108.72   3711307.41   13.86858 (17122018)   438090.22
3711324.04   14.87178 (19120917)
        438071.71   3711340.66   16.73690 (19120917)   438053.20
3711357.28   18.03571 (19120917)
        438034.69   3711373.90   20.36433 (18011921)   438016.18
3711390.52   23.28445 (19122917)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                    INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                   L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                   L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                   L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437997.67	3711407.14	23.77167	(19122917)	437979.16	3711423.77	23.69953	(20040220)
437960.65	3711440.39	24.28609	(21123118)	437942.14	3711457.01	24.52984	(20011318)
437923.64	3711473.63	24.89554	(17021106)	437905.13	3711490.25	24.72316	(18021605)
437886.62	3711506.87	24.78395	(18012907)	437868.11	3711523.50	25.31238	(21021319)
437849.60	3711540.12	25.29189	(21021319)	437831.09	3711556.74	25.16706	(19012018)
437812.58	3711573.36	25.66188	(19012018)	437794.07	3711589.98	28.64006	(17072004)
437775.56	3711606.60	31.69042	(17072004)	437757.06	3711623.23	33.51325	(17072004)
437738.55	3711639.85	33.95560	(17072004)	437720.04	3711656.47	32.88238	(17072004)
437701.53	3711673.09	30.41633	(17072004)	437683.02	3711689.71	33.52786	(17093002)
438254.85	3710682.11	19.98923	(20042419)	438252.12	3710657.30	19.54265	(19080520)
438249.39	3710632.49	19.83266	(19080520)	438246.66	3710607.69	20.69202	(17012318)
438243.93	3710582.88	21.25933	(21090924)	438241.20	3710558.07	21.18280	(21090924)
438238.48	3710533.27	21.47319	(21021818)	438349.23	3710695.09	18.36867	(20042419)
438344.22	3710719.00	18.30753	(20042419)	438339.21	3710742.91	18.56610	(17121917)
438334.19	3710766.82	19.51962	(17010518)	438329.18	3710790.74	21.29856	(17010518)
438324.17	3710814.65	22.84313	(21010117)	438319.15	3710838.56	23.89430	(21010117)
438314.14	3710862.47	23.37507	(18021902)	438309.13	3710886.39	22.44354	(17022318)
438304.11	3710910.30	20.99069	(17022318)	438299.10	3710934.21	18.15708	(19021521)
438294.09	3710958.13	14.81248	(19021718)	438289.07	3710982.04	14.54239	(19021718)
438284.06	3711005.95	15.75441	(19021521)	438279.05	3711029.86	16.19090	(19021521)
438274.03	3711053.78	15.98763	(18011920)	438269.02	3711077.69	16.62608	(18011920)
438264.01	3711101.60	17.02891	(18011920)	438258.99	3711125.51	17.16325	(19020522)

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        438253.98   3711149.43       16.62650  (19022102)               438248.97
3711173.34       16.35267  (18021904)
        438243.95   3711197.25       17.02933  (18021904)               438238.94
3711221.17       17.34504  (18021904)
        438233.93   3711245.08       16.58002  (18021904)               438228.91
3711268.99       14.65645  (18021904)
        438223.90   3711292.90       13.30113  (18021904)               438218.89
3711316.82       12.94239  (18021904)
        438195.69   3711357.05       13.99979  (17122018)               438177.52
3711373.38       16.21804  (19021420)
        438159.34   3711389.70       19.43739  (17021119)               438141.16
3711406.03       20.50301  (17021119)
        438122.98   3711422.35       20.58165  (19122917)               438104.80
3711438.68       21.53701  (19122917)
        438086.62   3711455.00       21.91637  (19122917)               438068.45
3711471.33       21.97019  (17010218)
        438050.27   3711487.65       21.73899  (17010218)               438032.09
3711503.98       22.30698  (21123118)
        438013.91   3711520.30       22.73059  (21123118)               437995.73
3711536.63       22.90782  (18021605)
        437977.55   3711552.95       23.18644  (18021605)               437959.38
3711569.28       22.95108  (18021605)
        437941.20   3711585.60       23.16477  (21021319)               437923.02
3711601.93       23.55355  (21021319)
        437904.84   3711618.25       23.36690  (21021319)               437886.66
3711634.58       23.14357  (19012018)
        437868.48   3711650.90       23.62455  (19012018)               437850.31
3711667.23       25.65116  (17072004)
        437832.13   3711683.55       28.68668  (17072004)               437813.95
3711699.88       30.86229  (17072004)
        437795.77   3711716.20       31.90176  (17072004)               437777.59
3711732.53       31.69447  (17072004)
        437759.41   3711748.85       30.27279  (17072004)               437741.24
3711765.17       28.60555  (20112420)
        437723.06   3711781.50       31.62830  (17093002)               438354.25
3710671.17       19.08645  (19080520)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
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L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	19.81897	(19080520)	438348.79	3710621.56	20.68472	(17012318)
438346.06	3710596.75	21.45622	(21090924)	438343.33	3710571.95	22.00465	(18122503)
438340.61	3710547.14	22.56648	(18122503)	438337.88	3710522.33	22.42608	(18122503)
438448.54	3710684.59	20.14866	(21092420)	438443.44	3710708.94	19.23081	(20042419)
438438.33	3710733.28	18.34015	(17121917)	438433.23	3710757.63	17.60201	(17121917)
438428.12	3710781.98	17.18501	(17010518)	438423.02	3710806.33	17.35603	(17010518)
438417.92	3710830.67	17.90396	(18100919)	438412.81	3710855.02	19.51578	(18020521)
438407.71	3710879.37	21.27492	(20123124)	438402.60	3710903.72	21.70956	(20123124)
438397.50	3710928.06	21.95007	(17022318)	438392.39	3710952.41	21.97169	(17022318)
438387.29	3710976.76	21.91330	(19122417)	438382.18	3711001.11	19.66073	(19021521)
438377.08	3711025.45	13.24171	(19021718)	438371.97	3711049.80	13.78506	(19021521)
438366.87	3711074.15	14.40308	(19021521)	438361.77	3711098.50	14.29547	(18011920)
438356.66	3711122.84	14.44678	(18011920)	438351.56	3711147.19	15.89820	(18011920)
438346.45	3711171.54	16.50302	(19020522)	438341.35	3711195.89	15.84277	(19020522)
438336.24	3711220.23	15.21647	(18021904)	438331.14	3711244.58	15.11012	(18021904)
438326.03	3711268.93	15.12622	(18021904)	438320.93	3711293.28	15.00871	(18021904)
438315.83	3711317.62	14.85061	(18021904)	438310.72	3711341.97	14.37371	(18021904)
438305.62	3711366.32	13.16943	(18021904)	438282.00			

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3711407.29       13.88248  (19021419)
        438263.49   3711423.91       16.62590  (18122117)                438244.98
3711440.53       18.57906  (17021119)
        438226.48   3711457.15       19.08122  (17021119)                438207.97
3711473.77       18.88651  (17021119)
        438189.46   3711490.40       19.21942  (19122917)                438170.95
3711507.02       20.15476  (19122917)
        438152.44   3711523.64       20.36225  (19122917)                438133.93
3711540.26       20.30074  (17010218)
        438115.42   3711556.88       20.05553  (17010218)                438096.91
3711573.50       20.55989  (21123118)
        438078.41   3711590.13       21.03357  (21123118)                438059.90
3711606.75       21.28734  (18021605)
        438041.39   3711623.37       21.60383  (18021605)                438022.88
3711639.99       21.42531  (18021605)
        438004.37   3711656.61       21.36250  (21122720)                437985.86
3711673.23       21.81531  (21021319)
        437967.35   3711689.86       21.79315  (21021319)                437948.84
3711706.48       21.26504  (21021319)
        437930.33   3711723.10       21.74413  (19012018)                437911.83
3711739.72       21.99449  (17072004)
        437893.32   3711756.34       25.14515  (17072004)                437874.81
3711772.96       27.67341  (17072004)
        437856.30   3711789.58       29.31979  (17072004)                437837.79
3711806.21       29.90358  (17072004)
        437819.28   3711822.83       29.39705  (17072004)                437800.77
3711839.45       27.78387  (17072004)
        437782.26   3711856.07       26.71060  (17093002)                437763.75
3711872.69       29.51438  (17093002)
        438453.65   3710660.24       21.06043  (19021618)                438450.92
3710635.43       21.10352  (19021618)
        438448.19   3710610.63       21.40723  (17021619)                438445.46
3710585.82       21.28195  (18122503)
        438442.73   3710561.01       20.65745  (18122503)                438440.01
3710536.21       19.84225  (19121517)
        438437.28   3710511.40       19.38152  (18122504)                438548.02
3710673.29       19.55936  (19021618)
        438542.99   3710697.27       19.33414  (21092420)                438537.97
3710721.24       19.01035  (20042419)
        438532.94   3710745.22       18.24862  (17121917)                438527.91
3710769.20       17.13446  (17121917)
        438522.88   3710793.18       16.31185  (17010518)                438517.86
3710817.16       16.13695  (17010518)
        438512.83   3710841.14       15.97177  (17010518)                438507.80
3710865.12       16.35328  (21010117)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438502.78	3710889.09	16.57371	(21010117)	438497.75	3710913.07	17.05644	(21062106)
438492.72	3710937.05	18.09550	(20012117)	438487.69	3710961.03	20.09789	(20012117)
438482.67	3710985.01	21.39196	(20012117)	438477.64	3711008.99	20.64907	(19122417)
438472.61	3711032.97	18.40590	(19021521)	438467.59	3711056.94	16.06841	(19021521)
438462.56	3711080.92	13.00000	(19021521)	438457.53	3711104.90	13.03321	(19021521)
438452.50	3711128.88	14.46860	(18021903)	438447.48	3711152.86	15.14424	(18011920)
438442.45	3711176.84	15.72851	(18011920)	438437.42	3711200.82	16.21324	(18011920)
438432.40	3711224.79	16.43436	(19020522)	438427.37	3711248.77	16.01084	(18021904)
438422.34	3711272.75	14.83285	(18021904)	438417.31	3711296.73	13.75969	(18021904)
438412.29	3711320.71	12.90086	(18021904)	438407.26	3711344.69	12.63515	(18021904)
438402.23	3711368.67	12.82456	(18021904)	438397.21	3711392.64	12.88992	(18021904)
438392.18	3711416.62	12.37486	(18021904)	438368.92	3711456.97	12.06595	(19021419)
438350.69	3711473.34	12.22624	(19022101)	438332.47	3711489.71	12.94292	(19021420)

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        438314.24   3711506.08       14.57499  (17021119)               438296.01
3711522.45       16.59315  (17021119)
        438277.78   3711538.82       17.02434  (17021119)               438259.55
3711555.19       17.29983  (19122917)
        438241.32   3711571.56       17.83756  (19122917)               438223.09
3711587.93       18.19297  (17010218)
        438204.87   3711604.30       18.64633  (17010218)               438186.64
3711620.67       18.67047  (17010218)
        438168.41   3711637.04       18.88803  (21123118)               438150.18
3711653.41       19.53812  (21123118)
        438131.95   3711669.78       19.71948  (21123118)               438113.72
3711686.15       20.05837  (18021605)
        438095.50   3711702.52       20.14535  (18021605)               438077.27
3711718.89       19.88723  (21122720)
        438059.04   3711735.26       20.03298  (18012907)               438040.81
3711751.63       20.29089  (21021319)
        438022.58   3711768.00       20.21892  (21021319)               438004.35
3711784.37       20.01710  (20031318)
        437986.13   3711800.74       20.16937  (19012018)               437967.90
3711817.11       20.41440  (19012018)
        437949.67   3711833.48       20.49228  (17072004)               437931.44
3711849.85       23.26822  (17072004)
        437913.21   3711866.22       25.50850  (17072004)               437894.98
3711882.59       26.89761  (17072004)
        437876.75   3711898.96       27.32948  (17072004)               437858.53
3711915.33       26.77526  (17072004)
        437840.30   3711931.70       25.32737  (17072004)               437822.07
3711948.07       25.46907  (17093002)
        437803.84   3711964.44       28.00123  (17093002)               438553.05
3710649.31       19.03005  (19021618)
        438550.32   3710624.50       18.03421  (17012318)               438547.59
3710599.69       16.71802  (21090924)
        438544.86   3710574.89       15.84564  (18122503)               438542.13
3710550.08       15.55309  (18122503)
        438539.41   3710525.27       15.31239  (19121517)               438536.68
3710500.47       15.34525  (18122504)
        438647.34   3710662.72       15.99436  (19080520)               438642.24
3710687.07       16.96888  (19080520)
        438637.13   3710711.42       17.66853  (21092420)               438632.03
3710735.77       18.20212  (17121917)
        438626.93   3710760.11       18.46889  (17121917)               438621.82
3710784.46       17.90050  (17121917)
        438616.72   3710808.81       16.48102  (17010518)               438611.61
3710833.16       15.52376  (17010518)
        438606.51   3710857.50       14.96854  (17010518)               438601.40
3710881.85       15.24979  (21010117)
        438596.30   3710906.20       15.69196  (21010117)               438591.19
3710930.55       16.97515  (17070621)
        438586.09   3710954.89       18.82670  (20012117)               438580.99
3710979.24       19.47559  (17022318)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	15.48477	(19021521)	438550.36	3711125.33	14.20274	(18021903)
438545.25	3711149.67	12.71234	(19021521)	438540.15	3711174.02	11.65885	(18011920)
438535.04	3711198.37	11.30250	(18011920)	438529.94	3711222.72	12.66883	(18011920)
438524.84	3711247.06	14.79069	(18011920)	438519.73	3711271.41	15.41555	(19020522)
438514.63	3711295.76	15.39914	(18021904)	438509.52	3711320.11	15.63945	(18021904)
438504.42	3711344.45	15.62749	(18021904)	438499.31	3711368.80	14.96004	(18021904)
438494.21	3711393.15	14.22515	(18021904)	438489.10	3711417.50	13.84324	(18021904)
438484.00	3711441.84	13.23597	(18021904)	438478.89	3711466.19	12.37988	(18021904)
438455.28	3711507.16	11.78140	(19021419)	438436.77			

3711523.78 11.78304 (19021419)
438418.26 3711540.40 11.84912 (19021420) 438399.75
3711557.02 12.21090 (19120917)
438381.25 3711573.65 13.81643 (17021119) 438362.74
3711590.27 15.87210 (17021119)
438344.23 3711606.89 16.87966 (19122917) 438325.72
3711623.51 17.85118 (19122917)
438307.21 3711640.13 17.96111 (19122917) 438288.70
3711656.75 17.83278 (19122917)
438270.19 3711673.38 17.74329 (17010218) 438251.68
3711690.00 17.45782 (17010218)
438233.17 3711706.62 17.61087 (21123118) 438214.67
3711723.24 18.15841 (21123118)
438196.16 3711739.86 18.33949 (21123118) 438177.65
3711756.48 18.76760 (18021605)
438159.14 3711773.11 18.90739 (18021605) 438140.63
3711789.73 18.59669 (18021605)
438122.12 3711806.35 18.69504 (18012907) 438103.61
3711822.97 18.97492 (18012907)
438085.10 3711839.59 19.02060 (21021319) 438066.60
3711856.21 18.77708 (20031318)
438048.09 3711872.84 18.65751 (19012018) 438029.58
3711889.46 19.07683 (19012018)
438011.07 3711906.08 19.10953 (19012018) 437992.56
3711922.70 20.45968 (17072004)
437974.05 3711939.32 22.94732 (17072004) 437955.54
3711955.94 24.77216 (17072004)
437937.03 3711972.57 25.83732 (17072004) 437918.52
3711989.19 25.91678 (17072004)
437900.02 3712005.81 25.14045 (17072004) 437881.51
3712022.43 23.57763 (17072004)
437863.00 3712039.05 24.27396 (17093002) 437844.49
3712055.67 26.42021 (17093002)
438652.45 3710638.38 15.24413 (17012318) 438649.72
3710613.57 14.84784 (21090924)
438646.99 3710588.76 14.73402 (18122503) 438644.26
3710563.96 14.70845 (18122503)
438641.54 3710539.15 14.47421 (18122503) 438638.81
3710514.34 14.46518 (21021818)
438636.08 3710489.54 14.64570 (18122504) 438746.81
3710651.47 13.91665 (17012318)
438741.77 3710675.50 14.33854 (19021618) 438736.74
3710699.52 14.73080 (19080520)
438731.70 3710723.55 15.10484 (21092420) 438726.66
3710747.58 15.92064 (20042419)
438721.62 3710771.61 17.03073 (17121917) 438716.59
3710795.63 17.21773 (17121917)
438711.55 3710819.66 16.42073 (17010518) 438706.51
3710843.69 15.64492 (17010518)
438701.48 3710867.71 14.90211 (17010518) 438696.44

3710891.74   14.54408 (21010117)
        438691.40   3710915.77   15.05631 (18020521)   438686.36
3710939.80   16.05061 (18020521)
        438681.33   3710963.82   16.90237 (17052903)   438676.29
3710987.85   18.10734 (20012117)
        438671.25   3711011.88   18.65963 (20012117)   438666.21
3711035.90   18.70450 (20012117)
        438661.18   3711059.93   18.86964 (20012117)   438656.14
3711083.96   18.51663 (20012117)
        438651.10   3711107.99   18.18747 (17120317)   438646.06
3711132.01   17.48344 (18021903)
        438641.03   3711156.04   16.51080 (18021903)   438635.99
3711180.07   14.95863 (18021903)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        438590.65   3711396.31       13.82391  (18021904)                438585.62
3711420.34       13.85809  (18021904)
        438580.58   3711444.37       13.27061  (18021904)                438575.54
3711468.39       12.35744  (18021904)
        438570.50   3711492.42       11.37152  (18021904)                438565.47
3711516.45       10.23161  (18021904)
        438542.16   3711556.88        9.45719  (18122502)                438523.90
3711573.28       10.06473  (19021419)
        438505.63   3711589.68       10.94316  (19021420)                438487.37
3711606.09       12.23602  (19021420)
        438469.10   3711622.49       14.18035  (17021119)                438450.84
3711638.89       15.82709  (17021119)
        438432.57   3711655.29       15.94924  (17021119)                438414.31
3711671.70       16.40624  (19122917)
        438396.04   3711688.10       17.02679  (19122917)                438377.78
3711704.50       17.42745  (19122917)
        438359.51   3711720.91       17.37811  (19122917)                438341.25
3711737.31       17.06055  (19022819)
        438322.98   3711753.71       16.98378  (19022819)                438304.71
3711770.12       17.00492  (20040220)
        438286.45   3711786.52       17.29617  (21123118)                438268.18
3711802.92       17.49563  (20011318)
        438249.92   3711819.32       17.60636  (17021106)                438231.65
3711835.73       17.76442  (17021106)
        438213.39   3711852.13       17.61357  (18021605)                438195.12
3711868.53       17.47043  (21122720)
        438176.86   3711884.94       17.66041  (18012907)                438158.59
3711901.34       17.87555  (21021319)
        438140.33   3711917.74       17.88435  (21021319)                438122.06
3711934.14       17.63928  (20031318)
        438103.80   3711950.55       17.50705  (20042621)                438085.53
3711966.95       17.90673  (19012018)
        438067.27   3711983.35       17.97175  (19012018)                438049.00
3711999.76       18.58992  (17072004)
        438030.73   3712016.16       21.49456  (17072004)                438012.47
3712032.56       23.22784  (17072004)
        437994.20   3712048.97       24.07462  (17072004)                437975.94
3712065.37       24.17413  (17072004)
        437957.67   3712081.77       23.34946  (17072004)                437939.41
3712098.17       21.84017  (17072004)
        437921.14   3712114.58       21.22768  (20112420)                437902.88
3712130.98       22.76169  (17093002)
        437884.61   3712147.38       24.72714  (17093002)                438751.85
3710627.44       13.72234  (17021619)
        438749.12   3710602.64       13.79784  (17021619)                438746.39
3710577.83       13.86273  (18122503)
        438743.66   3710553.02       13.77038  (18122503)                438740.94
3710528.22       13.53381  (19121517)
        438738.21   3710503.41       13.49664  (18122504)                438735.48
3710478.60       13.52676  (18122504)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437392.23   3710522.20       75.11742  (21101617)                437400.05
3710499.51       70.95967  (21101617)
        437423.89   3710583.87       61.05388  (21010117)                437431.70
3710561.17       61.81078  (21010117)
        437439.51   3710538.48       61.58948  (18020519)                437447.32
3710515.78       59.84817  (18122507)
        437471.16   3710600.14       54.61171  (21010117)                437478.98
3710577.45       56.54675  (18020519)
        437486.79   3710554.75       56.11650  (18122507)                437494.60
3710532.05       50.96405  (21101617)
        437518.44   3710616.42       52.37881  (21010117)                437526.25
3710593.72       52.09210  (18020519)
        437534.07   3710571.02       52.12909  (18122507)                437541.88
3710548.33       44.65013  (18122507)
        437589.16   3710564.60       39.52241  (17012018)                437620.81
3710626.27       46.55668  (18020519)
        437723.18   3710636.11       27.49726  (21101617)                437770.46
3710652.39       24.27076  (21101617)
        437778.27   3710629.69       23.98130  (21101617)                437872.82
3710662.24       19.11432  (21101617)
        438345.60   3710824.97       22.06229  (21010117)                438432.34
3710880.21       20.40130  (20123124)
        438440.16   3710857.51       18.85422  (18020521)                438511.27
3710958.15       19.59824  (20012117)
        438519.09   3710935.45       17.35707  (20012117)                438526.90
3710912.76       16.18001  (21062106)
        438534.71   3710890.06       15.98742  (21010117)                438605.83
3710990.70       19.07166  (17022318)
        438613.64   3710968.00       18.76054  (18090719)                438621.46
3710945.30       17.72130  (20123124)
        438629.27   3710922.61       16.28626  (18020521)                438692.57
3711045.94       17.69194  (20012117)
        438700.39   3711023.24       17.56232  (20012117)                438708.20
3711000.55       17.53025  (20012117)
        438716.01   3710977.85       16.40102  (17070621)                438723.82
3710955.15       15.57055  (18020521)
        437354.00   3710454.83       77.53322  (21101617)                437343.58
3710413.15       74.49656  (17012020)
        437401.68   3710461.64       61.72335  (17012019)                437397.29
3710421.87       63.08039  (19012103)
        437450.09   3710451.88       45.24561  (21101617)                437445.80
3710409.74       44.69877  (19021721)
        437498.70   3710437.39       33.04784  (21021017)                437497.06
3710475.25       41.97117  (21101617)
        437494.31   3710397.61       32.88002  (21021017)                437547.15
3710426.61       27.46115  (21021017)
        437545.39   3710467.18       32.75596  (21101617)                437543.64
3710507.75       39.78669  (21101617)
        437542.82   3710385.49       27.30514  (21021017)                437595.61
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3710415.50   23.10904 (21021017)
        437593.77   3710458.10   25.80797 (21101617)   437591.92
3710500.70   32.44517 (21101617)
        437591.32   3710373.36   23.01810 (21021017)   437644.18
3710401.95   19.64185 (21021017)
        437642.46   3710441.71   21.04213 (18121016)   437640.74
3710481.47   25.15407 (21101617)
        437639.02   3710521.23   29.83991 (21101617)   437637.29
3710560.99   33.08581 (21101617)
        437639.83   3710361.23   19.63156 (21021017)   437692.65
3710390.60   16.88757 (21021017)
        437690.86   3710431.91   18.21038 (18121016)   437689.08
3710473.22   20.69721 (21101617)
        437687.29   3710514.53   25.10132 (21101617)   437685.50
3710555.84   28.40152 (21101617)
        437688.34   3710349.11   16.92630 (21021017)   437741.13
3710379.12   14.63813 (21021017)
        437739.29   3710421.72   15.85842 (18121016)   437737.44
3710464.32   17.27184 (18121016)
        437735.60   3710506.92   21.18451 (21101617)   437733.76
3710549.52   24.41473 (21101617)
        437736.84   3710336.98   14.74844 (21021017)   437789.68
3710365.98   12.81369 (21021017)
        437787.93   3710406.55   13.70860 (18121016)   437786.17
3710447.12   15.10236 (18121016)
        437784.41   3710487.69   17.05047 (21101617)   437782.66
3710528.26   20.12709 (21101617)
        437780.90   3710568.83   22.44781 (21101617)   437785.35
3710324.85   12.94468 (21021017)
        437886.65   3710342.74   9.98439 (21021017)   437884.81
3710385.34   10.70413 (18121016)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                    INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.97	3710427.94	11.97260	(18121016)	437881.12	3710470.54	12.62241	(18121016)
437879.28	3710513.14	14.97776	(21101617)	437877.43	3710555.74	17.16875	(21101617)
437875.59	3710598.34	18.63775	(21101617)	437882.37	3710300.60	10.15563	(21021017)
437983.68	3710318.11	8.07663	(21122408)	437981.87	3710359.96	8.40372	(18121016)
437980.06	3710401.82	9.51779	(18121016)	437978.25	3710443.67	10.20946	(18121016)
437976.44	3710485.52	10.70952	(21101617)	437974.63	3710527.37	12.66975	(21101617)
437972.81	3710569.23	14.26583	(21101617)	437971.00	3710611.08	15.30490	(21101617)
437979.38	3710276.35	21.84962	(17012019)	438080.71	3710293.59	25.86608	(18112217)
438078.92	3710334.89	25.14882	(18012018)	438077.13	3710376.20	16.94648	(19012102)
438075.35	3710417.51	8.33596	(18121016)	438073.56	3710458.82	8.63011	(18121016)
438071.77	3710500.13	9.42972	(21101617)	438069.98	3710541.44	10.87494	(21101617)
438068.19	3710582.75	12.02779	(21101617)	438076.39	3710252.09	25.76868	(17020718)
438177.70	3710269.98	23.23834	(19121317)	438175.85	3710312.58	22.56516	(19070606)
438174.01	3710355.18	23.29376	(19070606)	438172.16	3710397.78	25.31738	(18021618)
438170.32	3710440.38	24.37387	(19022103)	438168.48	3710482.98	23.81673	(19022103)
438166.63	3710525.58	23.64541	(18122507)	438164.79	3710568.18	24.84343	(18122507)
438173.41	3710227.84	24.58775	(18122505)	438274.72	3710245.46	22.36439	(18012018)
438272.90	3710287.54	22.75292	(21121419)	438271.08	3710329.61	23.43110	(19012024)
438269.26	3710371.68	22.99562	(18021618)	438267.44	3710413.76	21.70931	(20062006)
438265.62	3710455.83	20.68669	(20062006)	438263.79	3710497.90	19.94941	(19121418)

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        438261.97   3710539.98       19.91952  (21021818)                438270.42
3710203.58       22.66815  (18122505)
        438371.75   3710221.00       20.88798  (18012018)                438369.94
3710262.65       21.38149  (21121419)
        438368.14   3710304.30       21.72146  (19012024)                438366.34
3710345.96       21.96560  (18021618)
        438364.53   3710387.61       21.94656  (20122117)                438362.73
3710429.26       21.70486  (20122117)
        438360.93   3710470.92       22.07385  (18120117)                438359.12
3710512.57       22.03062  (18122503)
        438367.44   3710179.33       21.38748  (18122505)                438468.74
3710197.22       19.61474  (19040519)
        438466.89   3710239.82       19.94171  (21121419)                438465.05
3710282.42       20.22060  (19012024)
        438463.21   3710325.02       19.93565  (18021618)                438461.36
3710367.62       18.63805  (20062006)
        438459.52   3710410.22       17.74273  (20062006)                438457.67
3710452.82       16.84990  (18031507)
        438455.83   3710495.42       17.50765  (19121418)                438464.45
3710155.08       18.87522  (17020718)
        438565.76   3710172.76       16.82072  (18041601)                438563.94
3710214.95       18.47148  (21121420)
        438562.11   3710257.15       18.50262  (21121420)                438560.28
3710299.34       18.20331  (19070606)
        438558.46   3710341.54       18.41706  (20122117)                438556.63
3710383.73       18.36611  (20122117)
        438554.80   3710425.92       17.21310  (18031507)                438552.98
3710468.12       15.77293  (19121418)
        438536.54   3710847.87       15.59044  (21010117)                438561.47
3710130.82       15.58324  (21081321)
        438662.78   3710148.34       14.42356  (20060219)                438660.97
3710190.19       15.70900  (21072606)
        438659.16   3710232.04       17.12859  (19070606)                438657.35
3710273.89       17.06595  (19070606)
        438655.54   3710315.75       15.54247  (20051819)                438653.73
3710357.60       15.67990  (20062006)
        438651.91   3710399.45       15.95758  (20062006)                438650.10
3710441.30       15.32220  (18031507)
        438631.99   3710859.83       14.95031  (17010518)                438658.48
3710106.57       14.78047  (21081321)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
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                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438759.78   3710124.46       13.43006  (20060219)                438757.94
3710167.06       13.41134  (21072606)
        438756.09   3710209.66       14.44792  (19070606)                438754.25
3710252.26       15.47079  (19070606)
        438752.41   3710294.86       15.20791  (20051819)                438750.56
3710337.46       14.86086  (20062006)
        438748.72   3710380.05       13.97869  (20062006)                438746.87
3710422.65       13.81790  (18031507)
        438728.43   3710848.65       15.32731  (17010518)                438726.59
3710891.25       14.10176  (18100919)
        438755.49   3710082.32       13.66611  (21081321)                437346.05
3710385.82       71.99539  (20041418)
        437396.03   3710387.04       63.07361  (17012020)                437446.52
3710367.92       46.65290  (19012105)
        437496.50   3710369.14       30.91416  (21021017)                437995.36
3710422.03        9.63015  (18121016)
        437996.35   3710381.35        8.80499  (18121016)                438094.83
3710444.81        8.27653  (18121016)
        438095.82   3710404.13       16.05255  (19012102)                438194.80
3710447.25       24.85088  (20122117)
        438195.80   3710406.57       23.73789  (20122117)                438294.77
3710449.69       22.33101  (18031507)
        438295.77   3710409.01       23.20055  (20122117)                438394.74
3710452.13       21.30497  (18031507)
        438395.74   3710411.45       21.25296  (20122117)                438494.71
3710454.57       15.85397  (18031507)
        438495.71   3710413.89       17.12601  (20062006)                438594.68
3710457.01       15.81719  (18031507)
        438595.68   3710416.33       17.08238  (18031507)                438694.65
3710459.46       14.15166  (19121418)
        438695.65   3710418.78       14.84225  (18031507)                438794.62
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3710461.90       12.91136  (19121418)
        438795.62   3710421.22       13.12958  (18031507)                437341.85
3710350.28       75.26394  (20041418)
        437325.75   3710319.20       79.40924  (20041418)                437302.93
3710287.45       85.44514  (20090918)
        437382.46   3710321.10       60.65228  (20041418)                437391.84
3710351.50       61.36073  (17012020)
        437366.35   3710290.02       63.73831  (20041418)                437343.53
3710258.27       65.01852  (20090918)
        437424.00   3710294.96       49.78160  (20041418)                437435.26
3710331.44       49.41869  (18021907)
        437406.96   3710260.84       52.56240  (20041418)                437384.14
3710229.09       50.02252  (20090918)
        437464.33   3710264.91       41.74383  (20041418)                437475.05
3710299.66       37.74418  (20041418)
        437485.78   3710334.40       32.38258  (20041418)                437447.56
3710231.67       44.15969  (20041418)
        437424.74   3710199.91       41.96075  (20041418)                437504.78
3710235.25       35.26368  (20041418)
        437515.21   3710269.03       31.76172  (20041418)                437525.64
3710302.81       27.33191  (20041418)
        437536.06   3710336.58       24.94408  (21021017)                437488.16
3710202.49       37.67729  (20041418)
        437465.34   3710170.73       35.94858  (20041418)                437545.80
3710207.42       29.89740  (20041418)
        437557.06   3710243.90       26.52123  (20041418)                437568.32
3710280.38       22.36155  (20041418)
        437579.58   3710316.86       20.93811  (21021017)                437528.76
3710173.31       32.28968  (20041418)
        437505.94   3710141.55       31.28654  (20041418)                437586.25
3710177.74       25.70276  (20041418)
        437597.20   3710213.20       22.86707  (20041418)                437608.14
3710248.67       19.40973  (20041418)
        437619.09   3710284.14       17.11227  (21021017)                437630.04
3710319.60       18.74635  (21021017)
        437569.37   3710144.13       27.81681  (20041418)                437546.55
3710112.37       27.14326  (20041418)
        437626.74   3710148.20       22.27114  (20041418)                437637.46
3710182.94       19.87995  (20041418)
        437648.19   3710217.68       16.93212  (20041418)                437658.91
3710252.42       14.67053  (21012518)
        437669.63   3710287.17       15.72705  (21021017)                437680.36
3710321.91       16.69106  (21021017)
        437609.97   3710114.95       24.09104  (20041418)                437587.15
3710083.19       23.99615  (20041418)
        437667.61   3710119.88       19.34694  (20041418)                437678.87
3710156.36       17.13576  (20041418)
        437690.13   3710192.84       14.40012  (20041418)                437701.39
3710229.32       13.24280  (21012518)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437712.65	3710265.80	13.71176	(21012518)	437723.91	3710302.28	14.55978	(21021017)
437650.57	3710085.77	21.02327	(20041418)	437627.75	3710054.01	21.35139	(20041418)
437708.10	3710090.35	16.96959	(20041418)	437719.14	3710126.11	15.09338	(20041418)
437730.18	3710161.88	12.75368	(20041418)	437741.22	3710197.64	11.88081	(21012518)
437752.26	3710233.41	12.39878	(21012518)	437763.30	3710269.17	12.54072	(21021017)
437774.33	3710304.94	13.05145	(21021017)	437691.17	3710056.59	18.44144	(20041418)
437668.35	3710024.83	19.03680	(20041418)	437789.42	3710032.35	13.36028	(20041418)
437800.68	3710068.83	11.82463	(20041418)	437811.94	3710105.31	9.92003	(20041418)
437823.20	3710141.79	9.82653	(21012518)	437834.46	3710178.27	10.33295	(21012518)
437845.71	3710214.75	10.56341	(21012518)	437856.97	3710251.23	10.48503	(21012518)
437772.38	3709998.23	14.65947	(20041418)	437749.56	3709966.48	15.47500	(20041418)

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        437870.70   3709974.25       10.86519  (20041418)              437882.13
3710011.26       12.90594  (19021722)
        437893.55   3710048.27       13.59435  (19021722)              437904.97
3710085.28       13.92773  (19021722)
        437916.39   3710122.29       18.01204  (18021907)              437927.82
3710159.30       21.77122  (19012103)
        437939.24   3710196.30       22.05966  (19012103)              437950.66
3710233.31       21.63598  (19021721)
        437853.58   3709939.87       11.93127  (20041418)              437830.76
3709908.12       12.76020  (20041418)
        437951.76   3709915.40       12.48721  (21012520)              437962.88
3709951.43       13.26538  (21020218)
        437974.00   3709987.46       13.90803  (18021907)              437985.12
3710023.49       16.10654  (18021907)
        437996.24   3710059.52       18.16997  (17012020)              438007.36
3710095.55       19.58822  (19012103)
        438018.48   3710131.58       23.57056  (19012103)              438029.60
3710167.61       26.05204  (21020718)
        438040.72   3710203.64       26.80216  (20090920)              438051.84
3710239.67       27.28591  (18022419)
        438062.96   3710275.70       26.53587  (17020718)              437934.79
3709881.51        9.96371  (20041418)
        437911.97   3709849.76       10.73499  (20041418)              438033.03
3709857.27       11.35702  (21012520)
        438044.29   3709893.75       12.98689  (21020218)              438055.55
3709930.23       16.74474  (17012020)
        438066.81   3709966.71       21.48640  (21120217)              438078.07
3710003.19       23.32132  (21120217)
        438089.33   3710039.67       23.61853  (21120217)              438100.59
3710076.15       24.48128  (21120119)
        438111.85   3710112.63       25.56770  (19021619)              438123.11
3710149.11       24.65937  (21020718)
        438134.37   3710185.59       24.70204  (18022419)              438145.63
3710222.07       24.78299  (18022419)
        438156.88   3710258.55       23.74335  (17020718)              438015.99
3709823.15        8.38291  (20041418)
        437993.17   3709791.40        9.16928  (20041418)              438114.29
3709799.09       10.77225  (21121817)
        438125.67   3709835.94       11.96525  (21020218)              438137.04
3709872.79       13.03194  (17012020)
        438148.41   3709909.64       15.00409  (17012020)              438159.79
3709946.49       17.58561  (17012020)
        438171.16   3709983.34       19.37924  (17012020)              438182.53
3710020.19       20.05127  (19012103)
        438193.91   3710057.03       20.65953  (19012103)              438205.28
3710093.88       20.84588  (21020718)
        438216.65   3710130.73       20.97370  (20032523)              438228.02
3710167.58       22.47700  (18122505)
        438239.40   3710204.43       23.14564  (18122505)              438250.77
3710241.28       22.90047  (18122505)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	19.89363	(21120217)	438264.35	3709963.82	20.77758	(21120119)
438275.82	3710000.98	21.27637	(21120119)	438287.29	3710038.13	20.81910	(21020718)
438298.76	3710075.29	21.41127	(21020718)	438310.22	3710112.44	20.83196	(21120817)
438321.69	3710149.60	21.59126	(18122505)	438333.16	3710186.76	21.73858	(18122505)
438344.63	3710223.91	21.28282	(18012018)	438390.50	3710372.53	21.48363	(20122117)
438178.40	3709706.43	9.65510	(21121817)	438155.58	3709674.68	9.10538	(20121517)
438276.65	3709682.19	13.70327	(21120417)	438287.91			

```
3709718.67       18.51323  (21120517)
        438299.17   3709755.15       19.47515  (21120818)                438310.43
3709791.63       19.71612  (19121419)
        438321.68   3709828.11       19.89583  (20021021)                438332.94
3709864.59       19.48739  (17080305)
        438344.20   3709901.07       19.50030  (21092707)                438355.46
3709937.55       18.65680  (21092707)
        438366.72   3709974.03       18.14380  (19071519)                438377.98
3710010.51       19.00580  (19071519)
        438389.24   3710046.99       18.78721  (19071519)                438400.50
3710083.47       18.15570  (19071519)
        438411.76   3710119.95       19.37629  (17020718)                438423.02
3710156.43       20.20657  (17020718)
        438434.28   3710192.91       19.97470  (19040519)                438445.54
3710229.39       20.00321  (21121419)
        438484.94   3710357.07       19.10643  (20122117)                438259.61
3709648.07       10.13413  (21121817)
        438236.79   3709616.32        9.82859  (20121917)                438357.90
3709623.97       13.05240  (21120417)
        438369.24   3709660.74       12.67311  (21120417)                438380.59
3709697.50       14.05004  (20021022)
        438391.94   3709734.26       16.27837  (18120123)                438403.28
3709771.03       17.48944  (21021119)
        438414.63   3709807.79       18.63661  (21021119)                438425.97
3709844.55       18.56720  (21092707)
        438437.32   3709881.31       17.90724  (21092707)                438448.67
3709918.08       16.02861  (20092119)
        438460.01   3709954.84       16.19223  (19071519)                438471.36
3709991.60       16.47510  (19071519)
        438482.71   3710028.37       16.45495  (19071519)                438494.05
3710065.13       16.31373  (18061306)
        438505.40   3710101.89       16.24494  (17020718)                438516.75
3710138.65       16.73243  (17020718)
        438528.09   3710175.42       17.82809  (18042222)                438539.44
3710212.18       18.72266  (21121420)
        438573.48   3710322.47       17.72668  (20051819)                438584.83
3710359.23       17.60721  (20122117)
        438340.81   3709589.72       12.72499  (17011318)                438317.99
3709557.96       12.13292  (21120319)
        438439.14   3709565.74       16.18385  (21021218)                438450.56
3709602.75       16.80471  (21120517)
        438461.98   3709639.76       16.69942  (21120517)                438473.41
3709676.76       15.92783  (18120123)
        438484.83   3709713.77       14.80504  (18120201)                438496.25
3709750.78       15.84867  (21120217)
        438507.67   3709787.79       16.42332  (21120217)                438519.10
3709824.80       17.59039  (21120119)
        438530.52   3709861.81       18.59258  (21120119)                438541.94
3709898.82       18.42300  (19021619)
        438553.36   3709935.83       18.24797  (21020718)                438564.79
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3709972.83   17.94487 (20090920)
        438576.21   3710009.84   17.83361 (18022419)   438587.63
3710046.85   16.94509 (19012106)
        438599.05   3710083.86   15.58584 (17020718)   438610.47
3710120.87   14.82512 (21081321)
        438621.90   3710157.88   15.20149 (20060219)   438633.32
3710194.89   16.58902 (21072606)
        438679.01   3710342.92   15.17620 (20062006)   438690.43
3710379.93   15.06549 (20062006)
        438422.02   3709531.36   16.13724 (17011318)   438399.20
3709499.60   16.29329 (20012618)
        438520.38   3709507.49   15.77727 (17021823)   438531.87
3709544.71   15.58578 (20100919)
        438543.35   3709581.94   16.24000 (21120818)   438554.84
3709619.16   16.49806 (19121419)
        438566.33   3709656.39   16.51389 (20021021)   438577.82
3709693.61   16.49111 (18120217)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        438635.27   3709879.73       16.74272  (21020718)               438646.76
3709916.96       17.11781  (21020718)
        438658.24   3709954.18       16.82239  (17070620)               438669.73
3709991.41       16.75060  (18022419)
        438681.22   3710028.63       16.65611  (17020718)               438692.71
3710065.86       16.28922  (17020718)
        438704.20   3710103.08       14.96973  (21081321)               438715.69
3710140.30       13.98680  (20060219)
        438727.18   3710177.53       13.91920  (21072606)               438773.13
3710326.43       14.84323  (20062006)
        438784.62   3710363.65       14.14086  (20062006)               438503.22
3709473.00       15.88005  (21090721)
        438480.40   3709441.24       16.11717  (17012518)               437273.32
3710263.86       89.45275  (20090918)
        437239.83   3710241.54       69.49887  (18120916)               437317.80
3710233.42       70.04220  (20090918)
        437284.31   3710211.10       64.06757  (20090918)               437250.82
3710188.77       49.78671  (18120916)
        437358.40   3710204.24       56.46943  (20090918)               437328.79
3710180.66       55.65806  (20090918)
        437295.30   3710158.33       45.69891  (20090918)               437386.13
3710162.64       47.24904  (20090918)
        437356.52   3710139.05       46.08994  (20090918)               437323.03
3710116.73       38.67789  (20090918)
        437413.87   3710121.04       39.96346  (20090918)               437439.60
3710145.88       36.41332  (20090918)
        437384.25   3710097.45       39.02592  (20090918)               437350.76
3710075.13       33.35047  (20090918)
        437441.60   3710079.43       33.96901  (20090918)               437467.34
3710104.28       31.42755  (20090918)
        437411.99   3710055.85       33.43010  (20090918)               437378.50
3710033.52       29.15823  (20090918)
        437469.33   3710037.83       29.36914  (20090918)               437495.07
3710062.68       27.41062  (20090918)
        437520.81   3710087.53       25.50583  (19101917)               437439.72
3710014.24       29.05254  (20090918)
        437406.23   3709991.92       25.77184  (20090918)               437497.07
3709996.23       25.82331  (20090918)
        437522.81   3710021.07       24.23008  (20090918)               437548.54
3710045.92       22.41305  (19101917)
        437467.45   3709972.64       25.58377  (20090918)               437433.96
3709950.31       22.98056  (20090918)
        437526.41   3709956.18       22.85608  (20090918)               437555.36
3709984.13       21.17506  (20090918)
        437584.32   3710012.08       20.04064  (19101917)               437495.19
3709931.04       22.72462  (20090918)
        437461.70   3709908.71       20.64492  (20090918)               437553.96
3709914.40       20.43177  (20090918)
        437582.56   3709942.01       19.04505  (20090918)               437611.16
3709969.62       17.84356  (19101917)
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        437639.76   3709997.23       18.69397  (20041418)                437522.92
3709889.43       20.34366  (20090918)
        437489.43   3709867.11       18.65874  (20090918)                437609.17
3709830.94       16.63018  (20090918)
        437637.25   3709858.05       15.62843  (20090918)                437665.33
3709885.16       14.30225  (19101917)
        437693.40   3709912.26       14.80751  (19101917)                437721.48
3709939.37       15.60255  (20041418)
        437578.39   3709806.23       16.62753  (20090918)                437544.90
3709783.90       15.50099  (20090918)
        437664.46   3709747.56       13.81109  (20090918)                437692.18
3709774.32       13.04468  (20090918)
        437719.89   3709801.08       11.64714  (19101917)                437747.61
3709827.84       12.30693  (19101917)
        437775.33   3709854.60       12.78539  (20041418)                437803.05
3709881.36       13.10490  (20041418)
        437633.86   3709723.02       13.86305  (20090918)                437600.37
3709700.69       13.09807  (20090918)
        437719.79   3709664.23       11.65957  (20090918)                437747.25
3709690.73       11.05262  (20090918)
        437774.70   3709717.24        9.94093  (20090918)                437802.15
3709743.74       10.28228  (19101917)
        437829.61   3709770.24       10.52607  (20041418)                437857.06
3709796.75       11.08539  (20041418)
        437884.52   3709823.25       11.11778  (20041418)                437689.32
3709639.81       11.74446  (20090918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 173
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437655.83	3709617.49	11.21911	(20090918)	437776.01	3709581.74	9.96757	(20090918)
437804.97	3709609.70	9.41253	(20090918)	437833.92	3709637.65	8.42791	(20090918)
437862.88	3709665.61	8.82691	(19101917)	437891.83	3709693.56	9.04176	(19101917)
437920.79	3709721.51	9.49846	(20041418)	437949.74	3709749.47	9.75632	(20041418)
437744.79	3709556.61	10.08117	(20090918)	437711.30	3709534.28	9.71857	(20090918)
437831.30	3709498.36	8.62122	(20090918)	437859.90	3709525.97	8.15905	(20090918)
437888.50	3709553.58	7.37321	(20090918)	437917.09	3709581.19	7.54204	(19101917)
437945.69	3709608.80	7.84042	(19101917)	437974.29	3709636.41	8.16859	(20041418)
438002.88	3709664.02	8.58863	(20041418)	438031.48	3709691.63	8.57633	(20041418)
437800.26	3709473.40	8.74256	(20090918)	437766.77	3709451.07	8.49251	(20090918)
437886.62	3709415.02	7.52396	(20090918)	437914.94	3709442.35	7.14921	(20090918)
437943.25	3709469.69	6.52039	(20090918)	437971.56	3709497.02	6.48644	(19101917)
437999.87	3709524.35	6.82381	(19101917)	438028.18	3709551.68	7.07061	(19101917)
438056.49	3709579.02	7.48288	(20041418)	438084.80	3709606.35	7.65059	(20041418)
438113.12	3709633.68	9.21791	(21022318)	437855.72	3709390.19	7.63856	(20090918)
437822.23	3709367.87	7.46260	(20090918)	437941.97	3709331.70	6.64337	(20090918)
437970.05	3709358.81	6.31603	(20090918)	437998.13	3709385.91	5.78760	(20090918)
438026.21	3709413.02	5.61623	(19101917)	438054.28	3709440.13	6.10739	(19101917)
438082.36	3709467.23	6.28103	(19101917)	438110.44	3709494.34	6.48156	(20041418)
438138.52	3709521.45	6.76867	(21022318)	438166.59	3709548.55	8.59404	(21022318)
438194.67	3709575.66	9.27265	(21022318)	437911.19	3709306.98	6.76637	(20090918)
437877.70	3709284.66	6.65421	(20090918)	437997.34	3709248.40	5.89725	(20090918)
438025.23	3709275.32	5.61308	(20090918)	438053.11			

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3709302.24        5.16774  (20090918)
        438080.99   3709329.15        4.95391  (19101917)                438108.87
3709356.07        5.38726  (19101917)
        438136.76   3709382.99        5.56802  (19101917)                438164.64
3709409.91        5.61153  (20041418)
        438192.52   3709436.83        6.10627  (21120318)                438220.40
3709463.75        7.69430  (21022318)
        438248.29   3709490.67        8.66013  (21022318)                438276.17
3709517.58        9.36958  (21120418)
        437966.66   3709223.78        6.01808  (20090918)                437933.17
3709201.45        5.94643  (20090918)
        438053.28   3709165.65        5.26545  (20090918)                438082.11
3709193.48        5.00105  (20090918)
        438110.94   3709221.31        4.61115  (20090918)                438139.76
3709249.14        4.44849  (19101917)
        438168.59   3709276.97        4.78842  (19101917)                438197.41
3709304.80        4.93445  (19101917)
        438226.24   3709332.63        4.96379  (19101917)                438255.07
3709360.46        5.71487  (21120318)
        438283.89   3709388.28        7.30209  (21022318)                438312.72
3709416.11        8.53102  (21022318)
        438341.55   3709443.94       13.18558  (18122217)                438370.37
3709471.77       16.39508  (17020218)
        438022.13   3709140.57        5.38521  (20090918)                437988.64
3709118.25        5.34358  (20090918)
        438108.64   3709082.33        4.73056  (20090918)                438137.23
3709109.94        4.49838  (20090918)
        438165.83   3709137.55        4.20009  (20090918)                438194.43
3709165.16        3.88757  (19101917)
        438223.03   3709192.77        4.16133  (19101917)                438251.62
3709220.37        4.34789  (19101917)
        438280.22   3709247.98        4.43507  (19101917)                438308.82
3709275.59        4.62705  (20041418)
        438337.42   3709303.20        6.54222  (21022318)                438366.01
3709330.81       12.80043  (17012101)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
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, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438394.61   3709358.42       15.82631  (19120517)               438423.21
3709386.03       16.59898  (17020218)
        438451.80   3709413.64       16.42849  (17020218)               438077.59
3709057.36        4.84419  (20090918)
        438044.10   3709035.04        4.82558  (20090918)               437216.54
3710215.91       60.91749  (17022717)
        437560.19   3710008.56       20.54138  (20090918)               437925.03
3709745.14        9.83624  (20041418)
        438006.11   3709686.60        8.78106  (20041418)               437280.77
3710233.20       73.85725  (20090918)
        437322.73   3710276.31       74.77982  (20090918)               437378.59
3710253.95       55.55703  (20041418)
        437430.98   3710247.96       47.62208  (20041418)               437616.20
3710338.58       20.26841  (21021017)
        437665.11   3710348.96       18.03921  (21021017)               437762.93
3710369.71       13.79387  (21021017)
        437860.76   3710390.47       11.35436  (18121016)               437867.70
3710357.73       10.38210  (21021017)
        437958.58   3710411.22       10.07692  (18121016)               437965.53
3710378.48        9.16556  (18121016)
        438056.40   3710431.98        8.75451  (18121016)               437265.29
3710160.30       42.60513  (18120916)
        437512.30   3710332.18       27.13489  (20041418)               437555.45
3710357.43       25.00440  (21021017)
        437567.36   3710337.09       22.98534  (21021017)               437617.94
3710448.63       22.80657  (18121016)
        437704.25   3710499.15       22.44966  (21101617)               437716.15
3710478.80       19.69399  (21101617)
        437814.36   3710508.97       17.29136  (21101617)               437826.27
3710488.63       15.37992  (21101617)
        437888.76   3710579.83       17.58723  (21101617)               437900.67
3710559.49       16.40604  (21101617)
        437912.58   3710539.14       15.12110  (21101617)               437998.88
3710589.66       14.61088  (17012018)
        438073.28   3710660.51       12.79698  (21101617)               438085.18
3710640.17       12.45031  (21101617)
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        437259.86   3710108.07       31.32763  (18120916)                437229.34
3710080.35       33.26978  (17022717)
        437209.69   3710067.85       34.40913  (17022717)                437190.05
3710055.35       33.47626  (17022717)
        437170.40   3710042.85       30.60104  (17022717)                437150.75
3710030.35       26.48622  (17022717)
        437286.71   3710065.89       26.91150  (18120916)                437308.46
3710096.32       31.21857  (18120916)
        437256.18   3710038.17       24.73221  (17022717)                437236.54
3710025.67       26.87478  (17022717)
        437216.89   3710013.17       27.67681  (17022717)                437197.24
3710000.67       27.08017  (17022717)
        437177.60   3709988.16       25.11637  (17022717)                437315.72
3710026.75       23.54571  (18120916)
        437358.13   3710166.40       51.06347  (20090918)                437283.03
3709995.99       18.80128  (18120916)
        437263.38   3709983.49       20.60617  (17022717)                437243.73
3709970.98       22.15695  (17022717)
        437224.09   3709958.48       22.75324  (17022717)                437204.44
3709945.98       22.36423  (17022717)
        437341.95   3709983.70       20.26208  (18120916)                437407.20
3710151.47       42.84063  (20090918)
        437400.97   3710193.77       45.30516  (20090918)                437309.87
3709953.81       17.03711  (18120916)
        437290.22   3709941.30       15.63768  (17022717)                437270.58
3709928.80       17.40226  (17022717)
        437250.93   3709916.30       18.57306  (17022717)                437231.29
3709903.80       19.05545  (17022717)
        437368.45   3709941.03       17.57612  (18120916)                437440.96
3710042.47       31.33336  (20090918)
        437336.71   3709911.62       15.37978  (18120916)                437317.07
3709899.12       13.80114  (18120916)
        437297.42   3709886.62       13.50973  (17022717)                437277.77
3709874.12       14.87335  (17022717)
        437258.13   3709861.61       15.78424  (17022717)                437396.26
3709900.20       15.39423  (18120916)
        437474.58   3710009.75       27.67927  (20090918)                437507.20
3710108.94       27.47476  (20041418)
        437497.39   3710175.55       35.12085  (20041418)                437363.56
3709869.44       13.85524  (18120916)
        437343.91   3709856.94       12.70175  (18120916)                437324.26
3709844.44       11.30713  (18120916)
        437304.62   3709831.93       11.77341  (17022717)                437284.97
3709819.43       12.85065  (17022717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	14.18755	(20090918)	437498.88	3709964.02	24.38211	(20090918)
437559.16	3710074.36	24.00178	(20041418)	437533.74	3710247.07	29.94285	(20041418)
437390.40	3709827.26	12.47364	(18120916)	437370.75	3709814.75	11.63887	(18120916)
437351.11	3709802.25	10.57536	(18120916)	437331.46	3709789.75	9.75128	(17020317)
437311.82	3709777.25	10.35016	(17022717)	437450.28	3709816.30	13.27870	(20090918)
437463.67	3709835.03	15.33966	(20090918)	437530.61	3709928.66	21.79806	(20090918)
437594.17	3710154.89	25.37158	(20041418)	437580.77	3710245.99	23.06257	(20041418)
437436.89	3709797.58	11.57475	(18120916)	437417.24	3709785.07	11.23357	(18120916)
437397.60	3709772.57	10.63915	(18120916)	437377.95	3709760.07	9.83452	(18120916)
437358.31	3709747.57	8.87476	(18120916)	437338.66	3709735.07	8.70558	(20021019)
437476.79	3709773.65	12.29942	(20090918)	437502.89	3709810.17	15.64483	(20090918)
437529.00	3709846.68	18.27336	(20090918)	437555.11	3709883.20	19.52971	(20090918)
437656.26	3710051.47	20.17924	(20041418)	437444.09	3709742.89	10.12992	(18120916)
437424.44	3709730.39	9.71339	(18120916)	437404.80			

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3709717.89        9.11049  (18120916)
        437385.15   3709705.38        8.35773  (18120916)                437365.50
3709692.88        7.88707  (18021922)
        437503.38   3709731.11       11.43459  (20090918)                437528.97
3709766.91       14.25817  (20090918)
        437580.16   3709838.51       17.59932  (20090918)                437605.75
3709874.31       17.33451  (20090918)
        437631.35   3709910.11       15.73016  (20090918)                437656.94
3709945.91       16.32363  (19101917)
        437682.54   3709981.71       17.48260  (20041418)                437692.11
3710126.37       17.17267  (20041418)
        437679.29   3710213.44       14.22341  (20041418)                437470.93
3709700.71        9.14941  (18120916)
        437451.29   3709688.21        8.86631  (18120916)                437431.64
3709675.70        8.41804  (18120916)
        437411.99   3709663.20        7.83360  (18120916)                437392.35
3709650.70        7.24338  (17123120)
        437557.32   3709647.10       10.02297  (20090918)                437583.43
3709683.62       12.17964  (20090918)
        437635.64   3709756.65       14.58710  (20090918)                437661.74
3709793.17       14.30453  (20090918)
        437687.85   3709829.69       13.01118  (20090918)                437713.96
3709866.20       13.47738  (19101917)
        437740.06   3709902.72       14.35210  (20041418)                437766.17
3709939.24       14.70224  (20041418)
        437792.28   3709975.75       13.95278  (20041418)                437788.99
3710105.04       11.24732  (20041418)
        437782.45   3710149.45       10.31158  (21012518)                437775.92
3710193.86       11.34334  (21012518)
        437524.62   3709616.34        7.65687  (20090918)                437504.97
3709603.84        7.39617  (18120916)
        437485.33   3709591.34        7.16701  (18120916)                437465.68
3709578.84        6.82171  (18120916)
        437446.04   3709566.33        6.38112  (18120916)                437611.20
3709563.00        8.84194  (20090918)
        437624.44   3709581.52        9.71654  (20090918)                437637.68
3709600.05       10.51533  (20090918)
        437690.65   3709674.14       12.29319  (20090918)                437703.89
3709692.66       12.26565  (20090918)
        437717.13   3709711.18       12.03200  (20090918)                437730.38
3709729.71       11.59956  (20090918)
        437743.62   3709748.23       10.98684  (20090918)                437756.86
3709766.75       10.81856  (19101917)
        437770.10   3709785.28       11.24447  (19101917)                437783.35
3709803.80       11.47950  (19101917)
        437796.59   3709822.32       11.83142  (20041418)                437809.83
3709840.84       12.26700  (20041418)
        437823.07   3709859.37       12.47906  (20041418)                437836.32
3709877.89       12.46153  (20041418)
        437862.80   3709914.94       11.80351  (20041418)                437876.04
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437882.64   3710105.67   8.73296 (21012518)   437879.32
3710128.20   9.10609 (21012518)
        437876.00   3710150.72   9.46948 (21012518)   437872.69
3710173.25   9.80155 (21012518)
        437869.37   3710195.78   10.05161 (21012518)   437856.11
3710285.89   10.65567 (21021017)
        437852.80   3710308.41   10.90785 (21021017)   437849.48
3710330.94   11.04079 (21021017)
        437842.85   3710375.99   11.12624 (18121016)   437839.53
3710398.52   12.10583 (18121016)
        437836.22   3710421.05   12.93755 (18121016)   437832.90
3710443.58   13.59349 (18121016)
        437829.59   3710466.10   14.04943 (18121016)   437597.95
3709544.48   7.92598 (20090918)
        437578.31   3709531.97   6.96876 (20090918)   437558.66
3709519.47   6.26088 (19101817)
        437539.01   3709506.97   6.08595 (18120916)   437519.37
3709494.47   5.89986 (18120916)

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        437499.72   3709481.97        5.62978  (18120916)              437665.03
3709478.84        7.84732  (20090918)
        437678.42   3709497.56        8.54079  (20090918)              437691.80
3709516.29        9.16578  (20090918)
        437745.36   3709591.20       10.50481  (20090918)              437758.74
3709609.92       10.46609  (20090918)
        437772.13   3709628.65       10.26634  (20090918)              437785.52
3709647.38        9.91238  (20090918)
        437798.91   3709666.10        9.41281  (20090918)              437812.30
3709684.83        9.06908  (19101917)
        437825.68   3709703.56        9.49452  (19101917)              437839.07
3709722.28        9.79639  (19101917)
        437852.46   3709741.01        9.91974  (19101917)              437865.85
3709759.74       10.33092  (20041418)
        437879.24   3709778.46       10.62458  (20041418)              437892.62
3709797.19       10.75029  (20041418)
        437906.01   3709815.92       10.75533  (20041418)              437959.56
3709890.82        9.52286  (18021918)
        437986.34   3709928.27       13.95473  (21020218)              437996.37
3709969.78       14.68510  (17012020)
        437979.62   3710083.65       18.00264  (18021907)              437976.26
3710106.42       18.87142  (19012103)
        437972.91   3710129.20       20.22855  (19012103)              437969.56
3710151.97       21.18491  (19012103)
        437966.21   3710174.75       21.56112  (19012103)              437962.86
3710197.52       21.40423  (19012105)
        437952.80   3710265.85       20.73731  (19021721)              437949.45
3710288.62        8.69963  (21021017)
        437946.10   3710311.40        8.76126  (21021017)              437942.74
3710334.17        8.71382  (21021017)
        437939.39   3710356.94        8.84703  (18121016)              437936.04
3710379.72        9.64421  (18121016)
        437932.69   3710402.49       10.34137  (18121016)              437929.34
3710425.27       10.91139  (18121016)
        437925.98   3710448.04       11.33257  (18121016)              437922.63
3710470.82       11.58875  (18121016)
        437919.28   3710493.59       12.61456  (21101617)              437915.93
3710516.37       13.92076  (21101617)
        437651.64   3709460.11        7.11135  (20090918)              437631.99
3709447.61        6.34513  (20090918)
        437612.35   3709435.11        5.55820  (20090918)              437592.70
3709422.60        5.32993  (19101817)
        437573.06   3709410.10        5.10357  (18120916)              437553.41
3709397.60        4.94815  (18120916)
        437718.83   3709394.63        6.99189  (20090918)              437732.33
3709413.52        7.54908  (20090918)
        437745.84   3709432.41        8.04602  (20090918)              437799.85
3709507.96        9.08084  (20090918)
        437813.35   3709526.85        9.03795  (20090918)              437826.86
3709545.74        8.86616  (20090918)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438083.42	3709904.61	14.78660	(17012020)	438093.54	3709946.47	20.30373	(21120217)
438090.16	3709969.44	21.94086	(21120217)	438076.64	3710061.32	24.19915	(21120119)
438073.26	3710084.29	25.40555	(21120119)	438069.88	3710107.26	26.45020	(21120119)
438066.50	3710130.24	26.56332	(21020718)	438063.12	3710153.21	26.85613	(21020718)
438059.74	3710176.18	26.72519	(21020718)	438042.83			

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3710291.03       27.82323  (18122505)
        438039.45   3710314.00       26.91020  (18012018)                438036.07
3710336.97       21.53232  (18012018)
        438032.69   3710359.95        7.80606  (18121016)                438029.31
3710382.92        8.36356  (18121016)
        438025.93   3710405.89        8.88427  (18121016)                438022.55
3710428.86        9.26774  (18121016)
        438019.17   3710451.83        9.52130  (18121016)                438015.78
3710474.80        9.64080  (18121016)
        438012.40   3710497.77       13.12272  (18122507)                438009.02
3710520.74       14.63564  (18122507)
        438005.64   3710543.71       15.75820  (18122507)                438002.26
3710566.68       15.53955  (17012018)
        437705.33   3709375.74        6.39530  (20090918)                437685.68
3709363.24        5.77764  (20090918)
        437666.04   3709350.74        5.13730  (20090918)                437646.39
3709338.24        4.76669  (19101817)
        437626.74   3709325.74        4.58819  (19101817)                437607.10
3709313.23        4.43451  (17021020)
        437772.20   3709309.82        6.24651  (20090918)                437785.39
3709328.26        6.68601  (20090918)
        437798.57   3709346.71        7.07563  (20090918)                437851.31
3709420.48        7.90078  (20090918)
        437864.50   3709438.92        7.87923  (20090918)                437877.68
3709457.36        7.76196  (20090918)
        437890.87   3709475.81        7.54830  (20090918)                437904.05
3709494.25        7.25037  (20090918)
        437917.24   3709512.69        6.88780  (20090918)                437930.42
3709531.14        6.81122  (19101917)
        437943.61   3709549.58        7.13469  (19101917)                437956.79
3709568.02        7.36883  (19101917)
        437969.98   3709586.46        7.51250  (19101917)                437983.16
3709604.91        7.67492  (20041418)
        437996.35   3709623.35        8.05885  (20041418)                438009.53
3709641.79        8.31504  (20041418)
        438154.57   3709844.66       12.19309  (21012505)                438167.75
3709863.11       12.93766  (17012020)
        438180.94   3709881.55       13.92666  (17012020)                438190.82
3709922.42       16.95302  (17012020)
        438171.02   3710057.00       21.38681  (19012103)                438167.71
3710079.43       21.86417  (19012103)
        438161.11   3710124.29       23.79165  (21020718)                438157.81
3710146.72       24.15848  (21020718)
        438154.51   3710169.15       24.49662  (18022419)                438138.00
3710281.29       23.76082  (19121317)
        438134.70   3710303.72       24.01798  (21072606)                438131.40
3710326.15       25.06576  (21121420)
        438124.80   3710371.01       25.50926  (19012024)                438121.50
3710393.44       22.13193  (21012006)
        438111.59   3710460.73       13.63772  (19021719)                438108.29
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3710483.16   8.17105 (21101617)
        438101.69   3710528.02   9.81374 (21101617)   438098.39
3710550.45   10.53979 (21101617)
        438095.09   3710572.88   11.18567 (21101617)   438088.49
3710617.74   12.15836 (21101617)
        437759.02   3709291.38   5.77271 (20090918)   437739.37
3709278.88   5.26839 (20090918)
        437719.72   3709266.37   4.73665 (20090918)   437700.08
3709253.87   4.24114 (19101817)
        437680.43   3709241.37   4.13900 (19101817)   437660.79
3709228.87   3.97632 (17021020)
        437826.00   3709225.61   5.65504 (20090918)   437839.29
3709244.21   6.01805 (20090918)
        437852.59   3709262.80   6.33670 (20090918)   437905.77
3709337.19   6.98399 (20090918)
        437919.06   3709355.78   6.95850 (20090918)   437932.36
3709374.38   6.85328 (20090918)
        437945.65   3709392.98   6.67071 (20090918)   437958.95
3709411.57   6.41614 (20090918)
        437972.24   3709430.17   6.09754 (20090918)   437985.54
3709448.77   5.88501 (19101917)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        437998.83   3709467.36        6.18666  (19101917)              438012.13
3709485.96        6.42138  (19101917)
        438025.42   3709504.56        6.69672  (19101917)              438038.72
3709523.15        6.83189  (19101917)
        438052.01   3709541.75        6.99754  (20041418)              438131.78
3709653.33        9.16450  (21022318)
        438238.14   3709802.10       17.98780  (21120517)              438251.44
3709820.70       18.90054  (18120123)
        438264.73   3709839.29       18.84879  (18120123)              438278.03
3709857.89       19.36532  (21021119)
        438287.99   3709899.10       20.66542  (17030619)              438284.66
3709921.72       21.47703  (21120119)
        438281.34   3709944.34       21.90267  (21120119)              438264.69
3710057.42       19.73632  (21020718)
        438261.36   3710080.04       19.96331  (21020718)              438258.04
3710102.65       20.17622  (21020718)
        438254.71   3710125.27       20.63641  (18122505)              438251.38
3710147.88       21.71582  (18122505)
        438234.73   3710260.97       23.21415  (18012018)              438231.41
3710283.58       23.34092  (21121420)
        438228.08   3710306.20       23.13748  (21121420)              438224.75
3710328.82       22.75915  (19070606)
        438221.42   3710351.43       21.93305  (19070606)              438218.09
3710374.05       21.25480  (19070606)
        438201.45   3710487.13       24.69116  (18120117)              438198.12
3710509.75       24.69459  (18122503)
        438194.79   3710532.37       25.57730  (18122503)              438191.46
3710554.98       25.91281  (18122503)
        438188.13   3710577.60       26.17692  (18122503)              438184.80
3710600.21       26.15857  (17021619)
        438181.48   3710622.83       25.06892  (19021618)              438178.15
3710645.45       25.10620  (19021618)
        437812.70   3709207.01        5.25903  (20090918)              437793.06
3709194.51        4.83735  (20090918)
        437773.41   3709182.01        4.39040  (20090918)              437753.77
3709169.51        3.93087  (20090918)
        437734.12   3709157.00        3.74367  (19101817)              437714.47
3709144.50        3.64167  (19101817)
        437879.78   3709141.37        5.12485  (20090918)              437893.17
3709160.10        5.42491  (20090918)
        437906.55   3709178.83        5.68631  (20090918)              437946.72
3709235.01        6.16255  (20090918)
        437960.11   3709253.73        6.19950  (20090918)              437973.49
3709272.46        6.17056  (20090918)
        437986.88   3709291.19        6.07570  (20090918)              438000.27
3709309.91        5.91723  (20090918)
        438013.66   3709328.64        5.69974  (20090918)              438027.05
3709347.36        5.42869  (20090918)
        438040.43   3709366.09        5.11542  (19102017)              438053.82
3709384.82        5.42077  (19101917)
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        438067.21   3709403.54        5.74007  (19101917)               438080.60
3709422.27        5.96086  (19101917)
        438093.99   3709441.00        6.06998  (19101917)               438107.37
3709459.72        6.09474  (19101917)
        438134.15   3709497.18        6.52668  (20041418)               438214.48
3709609.54        9.85127  (20121917)
        438321.58   3709759.35       19.41609  (21120818)               438334.97
3709778.08       19.34305  (19121419)
        438348.36   3709796.80       19.40255  (20021021)               438361.74
3709815.53       19.12632  (18120217)
        438375.13   3709834.26       18.62577  (17080305)               438385.17
3709875.76       18.07281  (21092707)
        438381.82   3709898.53       17.70973  (21092707)               438378.46
3709921.31       17.38223  (21092707)
        438361.70   3710035.18       20.35712  (19071519)               438358.35
3710057.95       20.55035  (19071519)
        438355.00   3710080.73       20.39312  (19071519)               438351.65
3710103.50       21.01571  (18022419)
        438348.30   3710126.28       21.47317  (18022419)               438344.94
3710149.05       21.61496  (18122505)
        438328.18   3710262.93       21.63986  (21121419)               438324.83
3710285.70       22.00420  (21121419)
        438321.48   3710308.47       22.01181  (19012024)               438318.13
3710331.25       22.31982  (19012024)
        438314.78   3710354.02       22.48631  (19012024)               438311.43
3710376.80       22.72219  (18021618)
        438294.67   3710490.67       21.31989  (19121418)               438291.31
3710513.45       21.00662  (21021818)
        438287.96   3710536.22       20.52913  (21021818)               438284.61
3710559.00       19.86095  (21090924)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	19.53481	(21090924)	438277.91	3710604.55	19.12070	(17012318)
438274.55	3710627.32	18.78920	(19021618)	437866.39	3709122.65	4.79488	(20090918)
437846.74	3709110.14	4.44587	(20090918)	437827.10	3709097.64	4.07083	(20090918)
437807.45	3709085.14	3.68035	(20090918)	437787.81	3709072.64	3.38099	(19101817)
437768.16	3709060.14	3.34217	(17021020)	437933.55	3709057.12	4.66270	(20090918)
437947.01	3709075.96	4.91319	(20090918)	437960.48	3709094.79	5.12938	(20090918)
438000.88	3709151.31	5.51463	(20090918)	438014.35	3709170.15	5.53979	(20090918)
438027.82	3709188.98	5.50975	(20090918)	438041.29	3709207.82	5.42465	(20090918)
438054.75	3709226.66	5.28675	(20090918)	438068.22	3709245.50	5.09884	(20090918)
438081.69	3709264.34	4.86563	(20090918)	438095.16	3709283.17	4.64292	(19102017)
438108.62	3709302.01	4.83436	(19101917)	438122.09	3709320.85	5.08450	(19101917)
438135.56	3709339.69	5.26998	(19101917)	438149.03	3709358.53	5.38474	(19101917)
438162.50	3709377.36	5.43677	(19101917)	438283.70	3709546.91	10.33618	(21120319)
438310.64	3709584.58	11.43646	(21121117)	438418.38	3709735.29	14.05549	(17012020)
438431.85	3709754.12	15.38238	(21120217)	438445.32	3709772.96	16.66290	(21120217)
438458.78	3709791.80	17.56418	(21120217)	438472.25	3709810.64	18.13387	(21120119)
438482.35	3709852.39	18.83513	(21120119)	438478.97	3709875.30	17.88238	(21120119)
438475.60	3709898.21	17.00077	(20092119)	438472.23	3709921.12	16.42003	(21041921)
438458.74	3710012.76	16.36971	(19071519)	438455.37	3710035.67	16.26724	(19071519)
438452.00	3710058.58	16.14408	(18061306)	438448.63	3710081.49	16.53468	(18061306)
438445.26	3710104.40	17.14808	(19012106)	438441.88			

3710127.31   18.68893 (17020718)
        438425.02   3710241.86   20.44698 (21121419)   438421.65
3710264.77   20.73053 (21121419)
        438418.28   3710287.68   20.73655 (19012024)   438414.91
3710310.59   20.56177 (19012024)
        438411.54   3710333.50   20.47055 (18021618)   438408.16
3710356.41   20.46249 (18021618)
        438387.93   3710493.87   21.29634 (18120117)   438384.56
3710516.78   21.77836 (18122503)
        438381.19   3710539.69   22.51205 (18122503)   438377.82
3710562.60   22.80458 (18122503)
        438374.45   3710585.51   22.51029 (18122503)   438371.07
3710608.42   21.73964 (17021619)
        437920.08   3709038.28   4.38465 (20090918)   437900.43
3709025.78   4.09192 (20090918)
        437880.79   3709013.28   3.77468 (20090918)   437861.14
3709000.77   3.44150 (20090918)
        437841.49   3708988.27   3.10132 (20090918)   437821.85
3708975.77   3.07271 (17021020)
        437987.30   3708972.85   4.25773 (20090918)   438000.84
3708991.78   4.46892 (20090918)
        438014.38   3709010.72   4.64949 (20090918)   438054.99
3709067.52   4.96143 (20090918)
        438068.52   3709086.46   4.97850 (20090918)   438082.06
3709105.39   4.94865 (20090918)
        438095.60   3709124.33   4.87227 (20090918)   438109.13
3709143.26   4.75089 (20090918)
        438122.67   3709162.19   4.58728 (20090918)   438136.21
3709181.13   4.38544 (20090918)
        438149.74   3709200.06   4.21180 (19102017)   438163.28
3709219.00   4.25694 (19101917)
        438176.82   3709237.93   4.48377 (19101917)   438190.35
3709256.87   4.64477 (19101917)
        438203.89   3709275.80   4.74547 (19101917)   438366.33
3709503.02   15.56664 (20012618)
        438379.87   3709521.95   15.30794 (20012618)   438393.40
3709540.89   15.72673 (17011318)
        438406.94   3709559.82   16.09744 (17011318)   438420.48
3709578.76   16.28058 (21021218)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948

, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        438054.09   3708906.81        4.07269  (20090918)               438067.41
3708925.44        4.22278  (20090918)
        438080.73   3708944.07        4.34332  (20090918)               438094.05
3708962.70        4.43103  (20090918)
        438107.37   3708981.33        4.48323  (20090918)               438120.69
3708999.96        4.49822  (20090918)
        438134.01   3709018.60        4.47530  (20090918)               438147.33
3709037.23        4.41451  (20090918)
        438160.65   3709055.86        4.32082  (20090918)               438173.97
3709074.49        4.24059  (20090918)
        438187.29   3709093.12        4.09242  (20090918)               438200.61
3709111.75        4.41234  (18021718)
        438213.93   3709130.38        4.04341  (18021718)               438227.25
3709149.01        3.89424  (19101917)
        438240.57   3709167.64        4.03976  (19101917)               438253.89
3709186.27        4.16372  (19101917)
        438280.53   3709223.54        4.33668  (19101917)               438400.40
3709391.22       16.56418  (17020218)
        438413.72   3709409.85       16.84797  (17020218)               438427.04
3709428.48       16.77309  (17020218)
        438440.36   3709447.11       16.46554  (20012618)               438453.68
3709465.74       16.42933  (20012618)
        438467.00   3709484.37       16.30276  (17011318)               438480.32
3709503.00       16.35823  (21090721)
        438493.64   3709521.63       16.40340  (17021823)               438506.96
3709540.26       16.29654  (21021218)
        438573.56   3709633.42       16.18300  (20021021)               438600.20
3709670.68       16.27009  (18120217)
        438613.52   3709689.31       16.14138  (21021119)               438626.84
3709707.94       16.15157  (17030619)
        438640.16   3709726.57       16.36078  (21120119)               438653.48
3709745.21       16.77296  (21120119)
        438666.80   3709763.84       16.95638  (21120119)               438676.78
3709805.13       16.83307  (21120119)
        438673.45   3709827.78       16.90858  (19021619)               438670.11
3709850.44       16.40704  (21020718)
        438666.78   3709873.10       16.59475  (21020718)               438663.44
3709895.76       16.89696  (21020718)
        438646.77   3710009.05       17.44934  (18022419)               438643.43
3710031.71       17.14710  (18022419)
        438640.10   3710054.37       16.64214  (17020718)               438636.76
3710077.03       15.83238  (17020718)
        438633.43   3710099.69       14.95728  (17020718)               438616.75
3710212.98       17.54113  (21072606)
        438613.42   3710235.64       17.85998  (21121420)               438610.08
3710258.29       17.87693  (19070606)
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3710303.61       16.97224  (19070606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

3709927.41 17.07490 (21011424)
437168.89 3709936.69 20.36705 (17022717) 437011.96
3709970.09 44.63445 (21122019)
436994.10 3709984.48 53.10906 (18121620) 436976.23
3709998.87 61.15913 (18011620)
437017.52 3709909.44 33.04127 (19012319) 437055.62
3709894.80 17.81388 (17120717)
437093.73 3709880.16 15.20404 (17120717) 437132.54
3709878.00 15.26278 (21011424)
437172.04 3709888.32 17.54642 (17022717) 436980.60
3709931.15 45.01079 (18010424)
436962.73 3709945.54 54.61285 (18011620) 436944.87
3709959.93 57.63079 (21120608)
436987.51 3709869.98 32.60310 (19012319) 437028.35
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437173.49 3709839.50 15.13215 (17022717) 437215.81
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3709705.10 41.37925 (17012108)
437060.09 3709689.12 39.66221 (19120518) 437123.21

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
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, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
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3709714.46   37.78737 (21120608)
        436901.01   3709699.25   36.33840 (21020103)   436940.59
3709684.05   38.60382 (17020808)
        436980.16   3709668.84   35.84092 (19012821)   437019.74
3709653.64   37.08706 (17012108)
        437059.31   3709638.43   35.63518 (19120518)   437119.39
3709628.58   38.54632 (17072906)
        437160.41   3709639.30   38.22098 (18120701)   437201.43
3709650.02   21.75054 (18121317)
        437242.45   3709660.73   10.31347 (17022717)   437283.47
3709671.45   9.80813 (17022717)
        437324.49   3709682.17   8.43766 (17022717)   436823.79
3709736.45   36.52248 (20110517)

```
        436805.92   3709750.83       35.86796  (20110517)                436788.06
3709765.22       35.24244  (17070206)
        436830.70   3709675.27       34.68725  (21120608)                436871.53
3709659.59       33.13479  (21013020)
        436912.37   3709643.90       34.23216  (17020808)                436953.20
3709628.21       35.12130  (17021420)
        436994.03   3709612.52       35.42173  (18121017)                437034.86
3709596.84       33.72763  (20122924)
        437075.69   3709581.15       33.49076  (21122222)                437117.26
3709578.83       35.83296  (17072906)
        437159.59   3709589.89       36.32791  (19041820)                437201.91
3709600.95       27.92146  (19122017)
        437244.23   3709612.00        9.28372  (17022717)                437286.55
3709623.06        8.93380  (17022717)
        437328.87   3709634.11        7.76596  (17022717)                436792.42
3709697.51       34.33955  (20110517)
        436774.56   3709711.89       33.30661  (17070206)                436756.70
3709726.28       32.48951  (17070206)
        436767.74   3709597.48       31.01190  (18121919)                436808.09
3709581.98       31.72800  (19122301)
        436848.44   3709566.48       32.59089  (21020205)                436888.79
3709550.97       33.38480  (20121819)
        436929.14   3709535.47       33.04262  (18010119)                436969.49
3709519.97       32.37294  (17101619)
        437009.84   3709504.47       31.18942  (19120619)                437050.19
3709488.96       29.68605  (19120518)
        437111.45   3709478.92       32.29847  (17072906)                437153.28
3709489.85       32.82272  (21020221)
        437195.10   3709500.77       29.80162  (19122017)                437236.92
3709511.70        7.78480  (17022717)
        437278.74   3709522.63        7.69423  (17022717)                437320.57
3709533.55        7.05264  (17022717)
        437362.39   3709544.48        6.22983  (20021019)                437404.21
3709555.41        6.24374  (17123120)
        436729.70   3709619.62       30.25620  (20090520)                436711.84
3709634.01       29.85761  (18011119)
        436693.97   3709648.40       29.01560  (18020219)                436705.90
3709519.26       27.87724  (17122818)
        436726.96   3709511.17       28.23735  (18121919)                436748.02
3709503.08       28.62652  (18121919)
        436769.08   3709494.99       29.09598  (19122301)                436790.14
3709486.90       29.52607  (18011620)
        436811.20   3709478.80       29.51898  (21020205)                436832.26
3709470.71       29.59292  (18122019)
        436853.32   3709462.62       30.02442  (20121819)                436874.38
3709454.53       29.99868  (20121819)
        436895.44   3709446.44       30.01072  (18010119)                436916.50
3709438.35       29.83633  (17021420)
        436937.56   3709430.25       29.50801  (21122120)                436958.62
3709422.16       29.30505  (18121017)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	5.68857	(20021019)	437412.41	3709459.16	5.58989	(18021922)
437434.24	3709464.86	5.55527	(17123120)	437456.07	3709470.56	5.52613	(17123120)
437477.89	3709476.26	5.50068	(17022120)	436684.84			

```
3709527.35       27.43194  (20090520)
        436666.98   3709541.74       27.00944  (18011119)                436649.11
3709556.13       26.71607  (21021723)
        436631.25   3709570.51       26.99954  (18020219)                436642.90
3709441.49       25.27080  (20090520)
        436684.47   3709425.51       25.64467  (17122620)                436726.05
3709409.54       26.00313  (21010118)
        436767.62   3709393.57       26.68818  (18011620)                436809.19
3709377.59       26.62305  (18122019)
        436850.77   3709361.62       26.80853  (20121819)                436892.34
3709345.65       26.81149  (17021420)
        436933.91   3709329.67       26.48206  (17101619)                436975.49
3709313.70       25.92871  (19120619)
        437017.06   3709297.73       24.62685  (20122924)                437058.63
3709281.75       24.20376  (21122222)
        437100.97   3709279.40       24.02508  (21121818)                437144.06
3709290.65       26.14970  (21020221)
        437187.15   3709301.91       26.46315  (20122403)                437230.24
3709313.17       17.05366  (18011719)
        437273.33   3709324.43        5.73248  (17022717)                437316.42
3709335.68        5.55842  (17022717)
        437359.51   3709346.94        5.13759  (20021019)                437402.60
3709358.20        5.07384  (20021019)
        437445.69   3709369.46        4.93996  (18021922)                437488.78
3709380.71        4.89781  (17123120)
        436604.25   3709463.86       24.94474  (21011503)                436586.39
3709478.24       24.89043  (18020219)
        436568.52   3709492.63       24.88566  (21011221)                436579.97
3709363.68       22.75563  (18011119)
        436621.13   3709347.87       22.94720  (17122818)                436662.28
3709332.06       23.59875  (18121919)
        436703.44   3709316.24       23.82597  (19122301)                436744.60
3709300.43       23.97998  (18011620)
        436785.76   3709284.62       24.07102  (18122019)                436826.91
3709268.80       24.00359  (20121819)
        436868.07   3709252.99       23.96795  (18010119)                436909.23
3709237.18       23.39561  (17101619)
        436950.39   3709221.36       23.37773  (17012108)                436991.54
3709205.55       24.91942  (17022124)
        437032.70   3709189.74       25.31949  (21013119)                437095.19
3709179.50       24.98718  (21121818)
        437137.85   3709190.64       24.95056  (21121818)                437180.51
3709201.79       24.51485  (20122403)
        437223.17   3709212.93       19.81164  (19122017)                437265.83
3709224.08        5.01482  (17022717)
        437308.48   3709235.22        4.96643  (17022717)                437351.14
3709246.36        4.65537  (17022717)
        437393.80   3709257.51        4.59963  (20021019)                437436.46
3709268.65        4.50023  (20021019)
        437479.12   3709279.80        4.42755  (17123120)                437521.78
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3709290.94   4.37726 (17123120)
        437564.44   3709302.09   4.42378 (17022120)   436541.53
3709385.98   22.52600 (18020219)
        436523.66   3709400.36   22.58961 (21011221)   436505.80
3709414.75   23.17730 (20012122)
        436517.84   3709285.57   20.82582 (21011503)   436539.01
3709277.44   20.78815 (18011119)
        436560.18   3709269.30   20.91328 (20090520)   436581.35
3709261.17   20.78385 (21123024)
        436602.52   3709253.03   20.87160 (17122818)   436623.70
3709244.90   21.10755 (18121919)
        436644.87   3709236.77   21.08555 (21120124)   436666.04
3709228.63   21.35880 (19122301)
        436687.21   3709220.50   21.49024 (18011620)   436708.38
3709212.36   21.72665 (18011620)
        436729.55   3709204.23   21.71388 (21020205)   436750.73
3709196.09   21.54927 (18122019)
        436771.90   3709187.96   21.81294 (18122019)   436793.07
3709179.83   21.95492 (20121819)
        436814.24   3709171.69   21.72633 (20121322)   436835.41
3709163.56   21.83409 (18010119)
        436856.58   3709155.42   21.64899 (17021420)   436877.75
3709147.29   21.57182 (21122120)
        436898.93   3709139.15   21.58362 (17101619)   436920.10
3709131.02   21.54919 (18121017)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436941.27	3709122.88	20.94726	(19120619)	436962.44	3709114.75	20.75566	(17012108)
436983.61	3709106.62	21.86057	(17022124)	437004.78	3709098.48	23.36179	(19120518)
437025.96	3709090.35	23.52844	(21122222)	437047.13	3709082.21	23.20799	(21013119)
437090.24	3709079.81	21.19250	(21020202)	437112.19	3709085.54	19.48828	(21020202)
437134.13	3709091.28	17.76468	(19012818)	437156.07	3709097.01	16.08229	(17011719)
437178.02	3709102.74	14.51575	(17011719)	437199.96	3709108.48	12.73348	(17011719)
437221.91	3709114.21	10.72755	(18121317)	437243.85	3709119.94	7.75106	(18121317)
437265.79	3709125.67	4.46454	(21011424)	437287.74	3709131.41	4.44643	(17022717)
437309.68	3709137.14	4.41017	(17022717)	437331.63	3709142.87	4.33322	(17022717)
437353.57	3709148.61	4.19952	(17022717)	437375.51	3709154.34	4.08078	(20021019)
437397.46	3709160.07	4.06475	(20021019)	437419.40	3709165.81	4.07403	(20021019)
437441.35	3709171.54	4.06199	(20021019)	437463.29	3709177.27	4.01920	(20021019)
437485.23	3709183.00	3.99887	(18021922)	437507.18	3709188.74	3.99399	(17123120)
437529.12	3709194.47	3.97797	(17123120)	437551.07	3709200.20	3.94406	(17123120)
437573.01	3709205.94	3.97230	(17022120)	437594.95	3709211.67	3.99366	(17022120)
437616.90	3709217.40	3.99466	(17022120)	437638.84	3709223.14	3.98605	(17021020)
436496.67	3709293.71	20.49060	(18011524)	436478.80	3709308.09	20.64787	(21011221)
436460.94	3709322.48	20.80256	(20012122)	436443.08	3709336.87	21.59715	(20012122)
436454.90	3709207.77	18.80801	(20011020)	436496.82	3709191.67	18.92003	(18011119)
436517.78	3709183.61	18.98267	(20090520)	436559.70	3709167.51	19.07609	(17122818)
436601.62	3709151.40	19.34515	(18121919)	436622.58	3709143.35	19.29398	(21010118)
436664.50	3709127.24	19.76911	(18011620)	436706.42	3709111.13	19.76506	(21020205)
436727.38	3709103.08	19.63135	(18122019)	436769.30	3709086.98	19.74859	(20121819)

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        436811.22   3709070.87       19.70559  (18010119)                436853.14
3709054.76       19.25700  (21122120)
        436895.06   3709038.66       19.15002  (18121017)                436916.02
3709030.60       19.70080  (17012108)
        436957.94   3709014.50       19.19948  (17022124)                436999.86
3708998.39       18.99420  (19120518)
        437020.82   3708990.34       18.81664  (21122222)                437084.46
3708979.91       20.26655  (17072906)
        437127.91   3708991.26       21.51709  (21121818)                437171.36
3709002.61       18.48123  (18120701)
        437214.81   3709013.96        9.12132  (18121317)                437258.26
3709025.31        4.13124  (21011424)
        437301.71   3709036.66        3.95351  (17022717)                437345.16
3709048.02        3.85347  (17022717)
        437388.61   3709059.37        3.81772  (20021019)                437432.05
3709070.72        3.77853  (20021019)
        437475.50   3709082.07        3.60181  (20021019)                437518.95
3709093.42        3.51245  (17123120)
        437562.40   3709104.77        3.50324  (17123120)                437605.85
3709116.12        3.54796  (17022120)
        437649.30   3709127.48        3.60517  (17022120)                436416.08
3709230.21       18.82468  (21011221)
        436398.22   3709244.60       19.65620  (20012122)                436380.35
3709258.98       19.94657  (20012122)
        436392.00   3709129.96       17.19970  (18020219)                436433.58
3709113.98       17.21777  (21011503)
        436475.15   3709098.01       17.48485  (20090520)                436516.72
3709082.04       17.56937  (17122818)
        436558.30   3709066.06       17.81519  (18121919)                436599.87
3709050.09       17.87588  (19122301)
        436641.44   3709034.12       17.99226  (18011620)                436683.02
3709018.14       17.92762  (21020205)
        436724.59   3709002.17       18.05087  (20121819)                436766.16
3708986.20       17.99427  (17020808)
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
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L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	17.95613	(17021420)	436849.31	3708954.25	17.80081	(21122120)
436890.88	3708938.28	17.95763	(18121017)	436932.46	3708922.31	17.64525	(18013018)
436974.03	3708906.33	17.83871	(20122924)	437015.60	3708890.36	17.70900	(21013119)
437078.72	3708880.02	18.86741	(17072906)	437121.81	3708891.27	20.04993	(21121818)
437164.90	3708902.53	18.60896	(18120701)	437207.99	3708913.79	11.83344	(17011719)
437251.08	3708925.05	3.83199	(21011424)	437294.17	3708936.30	3.61128	(21011424)
437337.26	3708947.56	3.52883	(17022717)	437380.35	3708958.82	3.47342	(20021019)
437423.44	3708970.08	3.45488	(20021019)	437466.53	3708981.33	3.39573	(20021019)
437509.62	3708992.59	3.30766	(18021922)	437552.71	3709003.85	3.25850	(17123120)
437595.80	3709015.11	3.20843	(17123120)	437638.89	3709026.36	3.29369	(17022120)
437681.98	3709037.62	3.32015	(17022120)	437725.07	3709048.88	3.34687	(17021020)
436353.35	3709152.33	17.83342	(20012122)	436335.49	3709166.72	18.35041	(20012122)
436317.63	3709181.10	18.30355	(20012122)	436329.73	3709051.90	15.85266	(21011221)
436350.96	3709043.74	16.06326	(18020219)	436372.19	3709035.59	15.85625	(18020219)
436393.42	3709027.43	15.98548	(18011119)	436414.65	3709019.27	16.09841	(18011119)
436435.89	3709011.11	16.30976	(20090520)	436457.12	3709002.96	16.26571	(21011604)
436478.35	3708994.80	16.31176	(17122818)	436499.58	3708986.64	16.38466	(20110517)
436520.81	3708978.48	16.40247	(18121919)	436542.05	3708970.33	16.31701	(21120608)
436563.28	3708962.17	16.65184	(21120608)	436584.51			

3708954.01   16.53429 (21120608)
        436605.74   3708945.85   16.69815 (18011620)   436626.97
3708937.70   16.53450 (18011620)
        436648.21   3708929.54   16.65531 (21020205)   436669.44
3708921.38   16.60528 (18122019)
        436690.67   3708913.22   16.77360 (18122019)   436711.90
3708905.06   16.80275 (20121819)
        436733.13   3708896.91   16.85161 (17020808)   436754.37
3708888.75   16.79588 (17020808)
        436775.60   3708880.59   16.61163 (17021420)   436796.83
3708872.43   16.64015 (17021420)
        436818.06   3708864.28   16.52926 (21122120)   436839.29
3708856.12   16.52225 (17101619)
        436860.53   3708847.96   16.59984 (18121017)   436881.76
3708839.80   16.68912 (18121017)
        436902.99   3708831.65   16.58634 (19120619)   436924.22
3708823.49   16.51887 (18120703)
        436945.45   3708815.33   16.75008 (20122924)   436966.69
3708807.17   16.71229 (20122924)
        436987.92   3708799.01   16.46354 (21013119)   437009.15
3708790.86   16.41621 (21013119)
        437030.38   3708782.70   16.05351 (21122222)   437073.62
3708780.29   17.77830 (17072906)
        437095.63   3708786.04   18.35360 (17072906)   437117.64
3708791.79   18.74432 (21121818)
        437139.64   3708797.54   18.56905 (18120701)   437161.65
3708803.29   17.84788 (18120701)
        437183.66   3708809.04   15.70527 (18120701)   437205.66
3708814.79   12.11554 (17011719)
        437227.67   3708820.54   7.85794 (18121317)   437249.68
3708826.29   3.54465 (21011424)
        437271.68   3708832.04   3.45568 (21011424)   437293.69
3708837.78   3.35076 (21011424)
        437315.70   3708843.53   3.23287 (21011424)   437337.70
3708849.28   3.21159 (17022717)
        437359.71   3708855.03   3.17030 (19123021)   437381.72
3708860.78   3.18104 (20021019)
        437403.72   3708866.53   3.19275 (20021019)   437425.73
3708872.28   3.17610 (20021019)
        437447.74   3708878.03   3.15070 (20021019)   437469.74
3708883.78   3.12409 (20021019)
        437491.75   3708889.53   3.09029 (20021019)   437513.75
3708895.28   3.04572 (20021019)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 , L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 , L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437535.76	3708901.03	3.01532	(18021922)	437557.77	3708906.78	2.99033	(17123120)
437579.77	3708912.53	2.98909	(17123120)	437601.78	3708918.28	2.97318	(17123120)
437623.79	3708924.03	2.94325	(17123120)	437645.79	3708929.78	2.95701	(17022120)
437667.80	3708935.52	3.02332	(17022120)	437689.81	3708941.27	3.05606	(17022120)
437711.81	3708947.02	3.06241	(17022120)	437733.82	3708952.77	3.06527	(17021020)
437755.83	3708958.52	3.08384	(17021020)	437777.83	3708964.27	3.09252	(17021020)
437799.84	3708970.02	3.08979	(17021020)	436308.49	3709060.06	16.35203	(20012122)
436290.63	3709074.45	17.00060	(20012122)	436272.77	3709088.83	17.15669	(20012122)
436254.90	3709103.22	16.81949	(20012122)	436266.83	3708974.09	15.17051	(20012122)
436287.89	3708965.99	14.97896	(18020219)	436308.95	3708957.90	15.09517	(18020219)
436330.01	3708949.81	14.85348	(19012719)	436351.07	3708941.72	15.00665	(19012719)
436372.13	3708933.63	15.10223	(18011119)	436393.19	3708925.54	15.31506	(20090520)
436414.25	3708917.44	15.24747	(21011604)	436435.31	3708909.35	15.35374	(20110517)
436456.37	3708901.26	15.61708	(20110517)	436477.43	3708893.17	15.45870	(20110517)

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        436498.49   3708885.08       15.34510  (17122319)               436519.55
3708876.99       15.77118  (21120608)
        436540.61   3708868.90       15.84823  (21120608)               436561.67
3708860.80       15.51751  (21120608)
        436582.73   3708852.71       15.52835  (18011620)               436603.79
3708844.62       15.48282  (21013020)
        436624.85   3708836.53       15.51041  (21020205)               436645.91
3708828.44       15.56990  (18122019)
        436666.97   3708820.35       15.65922  (18122019)               436688.03
3708812.25       15.70328  (20121819)
        436709.09   3708804.16       15.78010  (17020808)               436730.15
3708796.07       15.74679  (17020808)
        436751.21   3708787.98       15.53256  (18010119)               436772.27
3708779.89       15.58225  (17021420)
        436793.33   3708771.80       15.39224  (21122120)               436814.39
3708763.70       15.48384  (21122120)
        436835.45   3708755.61       15.43474  (17101619)               436856.51
3708747.52       15.61829  (18121017)
        436877.57   3708739.43       15.49122  (19120619)               436898.63
3708731.34       15.44834  (18013018)
        436919.69   3708723.25       15.54306  (18120703)               436940.75
3708715.15       15.74132  (20122924)
        436961.81   3708707.06       15.46633  (20121619)               436982.87
3708698.97       15.24646  (21013119)
        437003.93   3708690.88       15.17996  (21013119)               437024.99
3708682.79       15.14733  (18010522)
        437067.88   3708680.40       16.85910  (17072906)               437089.71
3708686.10       17.31157  (17072906)
        437111.54   3708691.80       17.63707  (21121818)               437133.37
3708697.51       17.44343  (18120701)
        437155.20   3708703.21       16.91756  (18120701)               437177.02
3708708.91       15.17067  (18120701)
        437220.68   3708720.32        9.14209  (17011719)               437242.51
3708726.02        6.42603  (18121317)
        437264.34   3708731.72        3.23589  (21011424)               437286.17
3708737.43        3.15222  (21011424)
        437308.00   3708743.13        3.05560  (21011424)               437351.65
3708754.54        2.92899  (19123021)
        437373.48   3708760.24        2.92843  (19123021)               437395.31
3708765.94        2.93692  (20021019)
        437417.14   3708771.64        2.95043  (20021019)               437438.97
3708777.35        2.95304  (20021019)
        437460.79   3708783.05        2.94163  (20021019)               437482.62
3708788.75        2.90582  (20021019)
        437504.45   3708794.46        2.85611  (20021019)               437526.28
3708800.16        2.81497  (20021019)
        437569.94   3708811.56        2.77087  (18021922)               437591.77
3708817.27        2.76282  (17123120)
        437613.59   3708822.97        2.75650  (17123120)               437635.42
3708828.67        2.73525  (17123120)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.81849	(17022120)	437722.74	3708851.48	2.83047	(17022120)
437744.56	3708857.19	2.83298	(17022120)	437766.39	3708862.89	2.83423	(17021020)
437810.05	3708874.30	2.86077	(17021020)	437831.88	3708880.00	2.85778	(17021020)
437853.71	3708885.70	2.84394	(17021020)	436245.77	3708982.18	15.83150	(20012122)
436227.91	3708996.56	16.12872	(20012122)	436210.04	3709010.95	15.99408	(20012122)
436192.18	3709025.34	15.45649	(20012122)	436203.96	3708896.26	14.88582	(20012122)
436245.78	3708880.19	14.30560	(18020219)	436287.61	3708864.12	14.25902	(19012719)
436329.44	3708848.05	14.43811	(17070206)	436371.26	3708831.98	14.57446	(17070206)
436413.09	3708815.91	14.83741	(20110517)	436454.92	3708799.84	14.50101	(17122319)
436496.75	3708783.77	15.00639	(21120608)	436538.57			

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3708767.70       14.66750  (18010807)
        436580.40   3708751.63       14.58380  (21013020)                436622.23
3708735.56       14.65191  (18122019)
        436664.05   3708719.49       14.75213  (20121819)                436705.88
3708703.41       14.73064  (17020808)
        436747.71   3708687.34       14.65639  (17021420)                436789.53
3708671.27       14.57968  (21122120)
        436831.36   3708655.20       14.63219  (18121017)                436873.19
3708639.13       14.56760  (19120619)
        436915.01   3708623.06       14.52539  (20122924)                436956.84
3708606.99       14.49191  (20121619)
        436998.67   3708590.92       14.24096  (21013119)                437062.17
3708580.51       15.43595  (17072906)
        437105.52   3708591.84       15.95005  (17122318)                437148.87
3708603.17       16.44666  (19041820)
        437192.23   3708614.49       14.24360  (18120701)                437235.58
3708625.82        8.67412  (17011719)
        437278.93   3708637.15        2.96606  (21011424)                437322.29
3708648.47        2.79456  (21011424)
        437365.64   3708659.80        2.70297  (19123021)                437408.99
3708671.12        2.69223  (20021019)
        437452.34   3708682.45        2.70152  (20021019)                437495.70
3708693.78        2.66927  (20021019)
        437539.05   3708705.10        2.61446  (20021019)                437582.40
3708716.43        2.57759  (18021922)
        437625.75   3708727.75        2.59351  (17123120)                437669.11
3708739.08        2.59464  (17123120)
        437712.46   3708750.41        2.59975  (17022120)                437755.81
3708761.73        2.62720  (17022120)
        437799.17   3708773.06        2.63060  (17021020)                437842.52
3708784.39        2.65578  (17021020)
        437885.87   3708795.71        2.64219  (17021020)                436165.18
3708918.68       15.27567  (20012122)
        436147.32   3708933.07       14.91630  (20012122)                436129.45
3708947.46       14.20079  (20012122)
        437017.12   3710105.60       63.06623  (18010424)                436994.30
3710140.34       76.43843  (17122620)
        436986.74   3710060.78       65.23257  (18011620)                436963.92
3710095.51       69.99004  (21123024)
        436955.38   3710021.84       63.17239  (21120608)                436933.55
3710050.69       61.08450  (20110517)
        436910.73   3710085.43       60.71300  (20012122)                436917.07
3709990.56       55.21774  (20110517)
        436891.76   3710023.24       50.54517  (19012719)                436868.94
3710057.97       53.97835  (20012122)
        436874.41   3709964.06       48.05396  (17070206)                436849.97
3709995.78       49.20541  (20012122)
        436827.15   3710030.52       47.77336  (20012122)                436832.10
3709937.18       43.98076  (20012122)
        436857.13   3709909.61       46.93236  (20090520)                436808.18
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436734.44   3709824.29   37.55338 (20012122)   436761.25
3709794.76   34.77037 (18020219)
        436682.82   3709885.96   35.30899 (21112723)   436660.00
3709920.70   36.15170 (20121403)
        436665.47   3709826.78   32.41863 (21112723)   436691.54
3709798.07   34.93442 (20012122)
        436717.60   3709769.35   34.60011 (20012122)   436641.03
3709858.51   33.89074 (20121403)
        436618.21   3709893.24   33.64354 (20121403)   436582.77
3709770.92   30.24734 (20121403)

436610.57 3709740.29 28.78730 (21112723) 436638.37 3709709.66 31.15322 (20012122)
436666.17 3709679.03 30.52396 (20012122) 436557.46 3709803.60 30.60255 (20121403)
436534.64 3709838.33 28.53041 (19111203) 436498.56 3709716.70 27.83080 (20121403)
436525.10 3709687.46 27.29918 (21112723) 436551.63 3709658.23 26.23270 (21112723)
436578.17 3709628.99 27.93818 (20012122) 436604.71 3709599.75 28.60848 (20012122)
436473.88 3709748.69 25.70857 (19111203) 436451.06 3709783.42 25.01640 (21122223)
436415.61 3709661.10 24.03159 (20121403) 436443.42 3709630.47 25.48573 (20121403)
436471.22 3709599.84 25.01824 (18101406) 436499.02 3709569.21 23.77361 (21011601)
436526.82 3709538.58 25.85883 (20012122) 436390.30 3709693.78 23.16347 (19111203)
436367.48 3709728.51 23.12028 (21122223) 436331.54 3709606.73 21.65714 (19111203)
436358.35 3709577.20 22.59515 (20121403) 436385.16 3709547.66 23.49481 (20121403)
436411.97 3709518.13 23.20175 (18101406) 436438.78 3709488.59 21.89743 (21011601)
436465.59 3709459.05 23.00217 (20012122) 436306.73 3709638.87 21.08635 (21122223)
436283.91 3709673.60 21.05947 (21122223) 436248.46 3709551.28 19.43494 (19111203)
436276.26 3709520.65 20.03552 (19111203) 436304.07 3709490.02 21.31593 (20121403)
436331.87 3709459.39 21.32585 (20121403) 436359.67 3709428.76 21.13437 (18101406)
436387.47 3709398.13 20.12527 (21121703) 436415.27 3709367.50 21.20279 (20012122)
436223.15 3709583.96 19.76494 (21122223) 436200.33 3709618.69 18.74371 (21122223)
436164.48 3709496.82 18.22738 (21122223) 436191.46 3709467.09 18.43344 (19111203)
436218.45 3709437.36 18.38876 (19111203) 436245.43 3709407.63 19.84930 (20121403)
436272.41 3709377.90 19.60157 (20121403) 436299.40 3709348.17 19.44019 (18101406)
436326.38 3709318.44 18.26694 (21121703) 436353.37 3709288.71 19.02466 (20012122)
436139.58 3709529.05 18.10669 (21122223) 436116.76 3709563.78 17.26153 (20122108)
436081.31 3709441.46 17.14891 (21122223) 436109.11 3709410.83 16.50507 (21122223)
436136.92 3709380.20 17.36007 (19111203) 436164.72 3709349.57 17.63322 (20121403)

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        436192.52   3709318.94       18.56751  (20121403)               436220.32
3709288.31       18.03756  (18101406)
        436248.12   3709257.68       17.78693  (18101406)               436275.92
3709227.05       17.22579  (21121703)
        436056.00   3709474.14       16.20132  (21122223)               436033.18
3709508.87       15.90710  (20122108)
        435997.39   3709386.93       15.81430  (21122223)               436024.49
3709357.07       16.04191  (21122223)
        436051.60   3709327.20       15.84618  (19111203)               436078.71
3709297.34       16.20826  (19111203)
        436105.82   3709267.47       16.66040  (20121403)               436132.92
3709237.61       17.30354  (20121403)
        436160.03   3709207.75       16.78611  (18101406)               436187.14
3709177.88       16.58155  (18101406)
        436214.24   3709148.02       15.68140  (21121703)               435972.42
3709419.23       15.18768  (20122108)
        435949.60   3709453.96       14.84867  (20122106)               435914.16
3709331.64       14.30465  (21122223)
        435941.96   3709301.01       15.18685  (21122223)               435969.76
3709270.38       14.62750  (21122223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        435997.57   3709239.75       15.15608  (19111203)               436025.37
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3709209.12 14.94525 (19111203)
436053.17 3709178.49 15.96774 (20121403) 436080.97
3709147.86 16.02810 (20121403)
436108.77 3709117.23 15.66318 (18101406) 436136.57
3709086.60 15.07041 (18101406)
436164.38 3709055.97 14.66408 (21121703) 435888.85
3709364.32 14.19150 (20122108)
435866.03 3709399.05 14.02533 (18020421) 435830.28
3709277.06 13.23061 (20122108)
435857.48 3709247.10 14.07152 (21122223) 435884.68
3709217.13 14.29153 (21122223)
435911.87 3709187.17 13.68333 (19111203) 435939.07
3709157.20 14.30762 (19111203)
435966.27 3709127.24 13.91970 (20121403) 435993.47
3709097.28 15.03842 (20121403)
436020.66 3709067.31 15.01749 (20121403) 436047.86
3709037.35 14.72614 (18101406)
436075.06 3709007.38 14.28001 (18101406) 436102.26
3708977.42 13.75260 (21121703)
435805.27 3709309.41 13.09802 (20122106) 435782.45
3709344.14 13.21744 (18020421)
436986.12 3710169.40 82.46532 (21011503) 436986.86
3710192.47 89.73610 (20012122)
436987.61 3710215.54 94.99139 (20012122) 436941.60
3710151.64 74.91892 (20012122)
436936.89 3710194.09 73.63870 (20012122) 436937.63
3710217.16 72.52069 (20012122)
436892.31 3710150.83 56.04785 (21112723) 436898.45
3710129.03 58.96187 (20012122)
436904.59 3710107.23 60.71781 (20012122) 436886.17
3710172.63 56.44292 (20121403)
436886.91 3710195.70 56.11924 (20121403) 436887.66
3710218.77 55.16477 (20121403)
436841.65 3710154.87 50.61026 (20121403) 436852.57
3710116.11 51.77809 (20121403)
436836.94 3710197.32 47.89626 (21011208) 436837.68
3710220.39 47.82324 (20122108)
436792.07 3710155.10 43.80991 (21011208) 436803.76
3710113.57 46.79371 (20121403)
436815.46 3710072.04 47.73229 (20121403) 436786.97
3710198.93 43.28550 (20122108)
436787.71 3710222.00 42.89802 (19120805) 436742.39
3710155.67 40.27253 (20122108)
436748.53 3710133.87 40.82659 (20122108) 436754.66
3710112.07 40.62316 (21011603)
436760.80 3710090.27 41.73031 (20121403) 436766.94
3710068.47 43.63721 (20121403)
436773.08 3710046.66 44.56197 (20121403) 436779.22
3710024.86 44.05104 (20121403)
436736.25 3710177.47 39.24887 (17050206) 436736.99

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3710200.54       39.84913  (19120805)
        436737.74   3710223.61       40.41889  (19120805)                436692.00
3710158.74       37.02733  (17050206)
        436703.46   3710118.04       38.03300  (20122108)                436714.92
3710077.35       38.10552  (21011603)
        436726.38   3710036.65       39.89825  (20121403)                436687.02
3710202.16       37.67770  (19120805)
        436687.76   3710225.23       38.33313  (21090405)                436642.25
3710159.56       35.17816  (19120805)
        436654.16   3710117.28       35.05066  (17050206)                436666.07
3710075.00       36.00760  (20122108)
        436677.97   3710032.71       35.89560  (21011603)                436689.88
3709990.43       37.43161  (20121403)
        436637.04   3710203.77       35.81773  (21090405)                436637.79
3710226.84       36.33641  (21090405)
        436592.46   3710160.51       33.44042  (19120805)                436598.60
3710138.71       33.42332  (19120805)
        436604.74   3710116.91       32.67730  (19120805)                436610.88
3710095.11       32.98503  (17050206)
        436617.02   3710073.31       32.75699  (20020120)                436623.16
3710051.51       33.43028  (20122108)
        436629.30   3710029.70       33.87697  (20122108)                436635.44
3710007.90       33.53993  (21011607)
        436641.58   3709986.10       33.72353  (21011719)                436647.72
3709964.30       33.82676  (21011719)
        436653.86   3709942.50       35.35106  (20121403)                436586.32
3710182.31       33.72662  (21090405)
        436587.07   3710205.38       34.28897  (21090405)                436587.81
3710228.45       34.37947  (21090405)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436542.20	3710163.16	32.14189	(21090405)	436553.89	3710121.64	31.92941	(19120805)
436565.59	3710080.11	30.90188	(21011402)	436577.28	3710038.58	30.96273	(18020421)
436588.98	3709997.06	31.73618	(20122108)	436600.67	3709955.53	31.73343	(21011603)
436537.10	3710207.00	32.66115	(21090405)	436537.84	3710230.07	32.63194	(21090405)
436442.54	3710165.35	29.86124	(21090405)	436448.68	3710143.55	29.84761	(21090405)
436454.82	3710121.75	29.34752	(21090405)	436460.96	3710099.95	28.64264	(19120805)
436467.10	3710078.15	28.94272	(19120805)	436473.24	3710056.35	28.70972	(19120805)
436479.38	3710034.55	27.77819	(19120805)	436485.52	3710012.74	27.74947	(21011402)
436491.66	3709990.94	27.56325	(17101622)	436497.80	3709969.14	27.83418	(18020421)
436503.94	3709947.34	27.78723	(20122106)	436510.08	3709925.54	28.12435	(20122108)
436516.22	3709903.74	27.90165	(18020221)	436522.36	3709881.93	28.05569	(21122223)
436528.50	3709860.13	28.15260	(21011719)	436436.40	3710187.16	29.57964	(21090405)
436437.15	3710210.23	29.26432	(21090405)	436437.89	3710233.30	29.36594	(18121805)
436342.49	3710168.96	26.60923	(18121805)	436354.55	3710126.13	27.61717	(21090405)
436366.61	3710083.29	27.16781	(21090405)	436378.68	3710040.45	26.23076	(19120805)
436390.74	3709997.61	25.97413	(19120805)	436402.80	3709954.77	25.11547	(21011402)
436414.87	3709911.94	24.94173	(20022806)	436426.93	3709869.10	24.99792	(20122106)
436439.00	3709826.26	25.32540	(21122223)	436337.20	3710213.45	26.87510	(18121805)
436337.94	3710236.52	26.66318	(18121805)	436242.74	3710171.46	24.81217	(18121805)
436248.98	3710149.32	24.83163	(18121805)	436255.22	3710127.17	24.46937	(21090405)
436261.45	3710105.02	25.23208	(21090405)	436267.69	3710082.87	25.60667	(21090405)

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        436273.93   3710060.73       25.57419  (21090405)                436280.17
3710038.58       25.04604  (21090405)
        436286.40   3710016.43       23.89576  (21090405)                436292.64
3709994.28       23.88356  (19120805)
        436298.88   3709972.14       24.18391  (19120805)                436305.11
3709949.99       23.95231  (19120805)
        436311.35   3709927.84       23.14054  (19120805)                436317.59
3709905.69       22.88592  (21011402)
        436323.82   3709883.54       22.78640  (20022804)                436330.06
3709861.40       22.67292  (20022102)
        436336.30   3709839.25       22.70262  (18020421)                436342.54
3709817.10       22.75775  (18020421)
        436348.77   3709794.95       22.50490  (20122106)                436355.01
3709772.81       22.56686  (20122108)
        436361.25   3709750.66       22.95597  (21122223)                436236.51
3710193.61       24.44572  (18121805)
        436237.25   3710216.68       24.09578  (20101104)                436238.00
3710239.75       23.84902  (20101104)
        436142.70   3710175.04       22.55611  (20101104)                436148.84
3710153.24       22.80925  (18121805)
        436154.98   3710131.43       23.10398  (18121805)                436161.12
3710109.63       23.03583  (18121805)
        436167.26   3710087.83       22.55098  (18121805)                436173.40
3710066.03       23.29051  (21090405)
        436179.54   3710044.23       23.75261  (21090405)                436185.68
3710022.43       23.81134  (21090405)
        436191.81   3710000.62       23.41828  (21090405)                436197.95
3709978.82       22.49996  (21090405)
        436204.09   3709957.02       21.45001  (19120805)                436210.23
3709935.22       22.06951  (19120805)
        436216.37   3709913.42       22.24497  (19120805)                436222.51
3709891.62       21.93701  (19120805)
        436228.65   3709869.82       21.12150  (19120805)                436234.79
3709848.01       20.92011  (21011402)
        436240.93   3709826.21       20.90927  (20022804)                436247.07
3709804.41       20.78500  (20022102)
        436253.21   3709782.61       20.80517  (20022806)                436259.35
3709760.81       20.86374  (18020421)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
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L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	20.76990	(20122106)	436271.63	3709717.20	20.56336	(17122621)
436277.77	3709695.40	20.51738	(20122108)	436136.56	3710196.84	22.21126	(20101104)
436137.30	3710219.91	22.13112	(20112424)	436138.05	3710242.98	22.56332	(20112424)
436042.67	3710178.53	20.42719	(20101104)	436054.80	3710135.47	21.24184	(20101104)
436066.93	3710092.40	21.57086	(18121805)	436072.99	3710070.87	21.44589	(18121805)
436085.12	3710027.81	21.52942	(21090405)	436097.25	3709984.74	22.23969	(21090405)
436109.38	3709941.68	21.27956	(21090405)	436121.50	3709898.61	19.94741	(19120805)
436133.63	3709855.55	20.52338	(19120805)	436145.76	3709812.48	19.43421	(21040903)
436157.89	3709769.42	19.20028	(20022804)	436170.01	3709726.35	19.03805	(20022102)
436182.14	3709683.29	19.01181	(18020421)	436037.36	3710223.14	21.08403	(20112424)
436038.10	3710246.21	21.25478	(19121506)	435942.87	3710181.24	19.59468	(20112424)
435949.08	3710159.19	19.09620	(20112424)	435955.29	3710137.14	19.42098	(20101104)
435961.50	3710115.09	19.87364	(20101104)	435967.71	3710093.03	20.00577	(20101104)
435973.92	3710070.98	20.09308	(18121805)	435980.13	3710048.93	20.21064	(18121805)
435986.34	3710026.88	19.94598	(18121805)	435992.55	3710004.82	19.27567	(18121805)
435998.76	3709982.77	20.12779	(21090405)	436004.97	3709960.72	20.66665	(21090405)
436011.18	3709938.67	20.80006	(21090405)	436017.39			

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3709916.62       20.51182  (21090405)
        436023.60   3709894.56       19.77568  (21090405)                436029.81
3709872.51       18.58082  (21090405)
        436036.02   3709850.46       18.30873  (19120805)                436042.23
3709828.41       18.87488  (19120805)
        436048.44   3709806.36       19.06080  (19120805)                436054.66
3709784.30       18.84286  (19120805)
        436060.87   3709762.25       18.21496  (19120805)                436067.08
3709740.20       17.99344  (21040903)
        436073.29   3709718.15       17.72078  (21011402)                436079.50
3709696.10       17.61135  (20022804)
        436085.71   3709674.04       17.46773  (20022102)                436091.92
3709651.99       17.46213  (20022806)
        436098.13   3709629.94       17.55918  (21021004)                436104.34
3709607.89       17.48192  (18020421)
        436110.55   3709585.83       17.36304  (20122106)                435936.66
3710203.29       19.75148  (20112424)
        435937.41   3710226.36       19.89172  (19121506)                435938.15
3710249.43       19.85896  (19121506)
        435842.85   3710184.72       18.60775  (20112424)                435848.99
3710162.92       18.54814  (20112424)
        435855.13   3710141.12       18.17671  (20112424)                435861.27
3710119.32       17.80707  (20101104)
        435867.41   3710097.51       18.45971  (20101104)                435873.55
3710075.71       18.81047  (20101104)
        435879.69   3710053.91       18.84814  (20101104)                435885.83
3710032.11       18.92186  (18121805)
        435891.97   3710010.31       18.99724  (18121805)                435898.11
3709988.51       18.71211  (18121805)
        435904.25   3709966.70       18.05781  (18121805)                435910.39
3709944.90       18.64634  (21090405)
        435916.53   3709923.10       19.25026  (21090405)                435922.67
3709901.30       19.50858  (21090405)
        435928.81   3709879.50       19.37449  (21090405)                435934.95
3709857.70       18.83689  (21090405)
        435941.09   3709835.90       17.89307  (21090405)                435947.23
3709814.09       16.56200  (21090405)
        435953.37   3709792.29       17.16331  (19120805)                435959.51
3709770.49       17.62661  (19120805)
        435965.65   3709748.69       17.74753  (19120805)                435971.78
3709726.89       17.50883  (19120805)
        435977.92   3709705.09       16.90244  (19120805)                435984.06
3709683.28       16.67301  (21040903)
        435990.20   3709661.48       16.33193  (21011402)                435996.34
3709639.68       16.27033  (20022804)
        436002.48   3709617.88       16.23911  (18011208)                436008.62
3709596.08       16.04961  (20022102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436014.76	3709574.28	16.10555	(21021004)	436020.90	3709552.48	16.09205	(18020421)
436027.04	3709530.67	15.99873	(18020421)	435836.72	3710206.52	18.64040	(19121506)
435837.46	3710229.59	18.50864	(19121506)	435838.21	3710252.66	18.09990	(19121506)
435742.85	3710188.16	17.58950	(19121506)	435748.93	3710166.56	17.58216	(19121506)
435761.09	3710123.37	17.32775	(20112424)	435773.25	3710080.19	16.98449	(20101104)
435779.33	3710058.59	17.53886	(20101104)	435791.50	3710015.40	17.75824	(20101104)
435797.58	3709993.81	17.88201	(18121805)	435809.74	3709950.62	17.62792	(18121805)
435821.90	3709907.43	17.29490	(21090405)	435827.98	3709885.84	17.95807	(21090405)
435840.15	3709842.65	18.29807	(21090405)	435846.23	3709821.06	17.93772	(21090405)
435858.39	3709777.87	16.13625	(21090405)	435870.55	3709734.68	16.16171	(19120805)
435876.63	3709713.09	16.57563	(19120805)	435888.79	3709669.90	16.44542	(19120805)
435894.87	3709648.31	15.90426	(19120805)	435907.04	3709605.12	15.25869	(19121508)

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        435919.20   3709561.93       15.32053  (18011208)                435925.28
3709540.34       15.16378  (18011208)
        435937.44   3709497.15       15.02435  (21021004)                435737.51
3710232.82       16.83939  (19121506)
        435738.26   3710255.89       16.10443  (19121506)                435643.01
3710190.98       16.27612  (19121506)
        435649.21   3710168.98       16.60809  (19121506)                435655.40
3710146.98       16.66277  (19121506)
        435661.60   3710124.98       16.66563  (20112424)                435667.79
3710102.99       16.48280  (20112424)
        435673.99   3710080.99       16.00775  (20112424)                435680.18
3710058.99       15.63151  (20101104)
        435686.38   3710036.99       16.32472  (20101104)                435692.57
3710015.00       16.73955  (20101104)
        435698.77   3709993.00       16.85500  (20101104)                435704.96
3709971.00       16.81706  (18121805)
        435711.16   3709949.00       17.04621  (18121805)                435717.35
3709927.00       16.96176  (18121805)
        435723.55   3709905.01       16.55529  (18121805)                435729.74
3709883.01       15.82759  (18121805)
        435735.94   3709861.01       16.43293  (21090405)                435742.13
3709839.01       17.04436  (21090405)
        435748.33   3709817.01       17.31555  (21090405)                435754.52
3709795.02       17.24932  (21090405)
        435760.72   3709773.02       16.85274  (21090405)                435766.91
3709751.02       16.11967  (21090405)
        435773.11   3709729.02       15.06555  (21090405)                435779.30
3709707.02       14.40567  (19120805)
        435785.50   3709685.03       15.15982  (19120805)                435791.69
3709663.03       15.62390  (19120805)
        435797.89   3709641.03       15.77014  (19120805)                435804.08
3709619.03       15.62645  (19120805)
        435810.28   3709597.03       15.21908  (19120805)                435816.47
3709575.04       14.53046  (21040903)
        435822.66   3709553.04       14.40046  (19121508)                435828.86
3709531.04       14.43909  (19121508)
        435835.05   3709509.04       14.52557  (18011208)                435841.25
3709487.04       14.49430  (18011208)
        435847.44   3709465.05       14.27094  (18120808)                435853.64
3709443.05       14.16319  (18120808)
        435859.83   3709421.05       14.01583  (18020421)                435636.82
3710212.98       15.67507  (19121506)
        435637.56   3710236.05       14.91059  (19121506)                435638.31
3710259.12       15.20204  (21110503)
        435543.01   3710194.40       14.68317  (19121506)                435549.15
3710172.60       15.31168  (19121506)
        435555.29   3710150.80       15.69868  (19121506)                435561.43
3710129.00       15.82792  (19121506)
        435567.57   3710107.20       15.80461  (20112424)                435573.71
3710085.40       15.74380  (20112424)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	16.14127	(18121805)	435622.83	3709910.98	16.38983	(18121805)
435628.96	3709889.18	16.32000	(18121805)	435635.10	3709867.38	15.93368	(18121805)
435641.24	3709845.58	15.24634	(18121805)	435647.38	3709823.78	15.45735	(21090405)
435653.52	3709801.98	16.12123	(21090405)	435659.66	3709780.17	16.47908	(21090405)
435665.80	3709758.37	16.46174	(21090405)	435671.94	3709736.57	16.17534	(21090405)
435678.08	3709714.77	15.61004	(21090405)	435684.22	3709692.97	14.76685	(21090405)
435690.36	3709671.17	13.65772	(21090405)	435696.50	3709649.36	13.75976	(19120805)
435702.64	3709627.56	14.40106	(19120805)	435708.78			

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3709605.76       14.86016  (19120805)
        435714.92   3709583.96       15.05019  (19120805)                435721.06
3709562.16       14.96827  (19120805)
        435727.20   3709540.36       14.59652  (19120805)                435733.34
3709518.56       14.05150  (20010708)
        435739.48   3709496.75       13.92155  (20010708)                435745.62
3709474.95       13.80035  (18121508)
        435751.76   3709453.15       13.85512  (18121508)                435757.89
3709431.35       13.85881  (18011208)
        435764.03   3709409.55       13.67357  (18011208)                435770.17
3709387.75       13.62792  (18120808)
        435776.31   3709365.94       13.42725  (18120808)                435536.87
3710216.20       14.05537  (20040703)
        435537.62   3710239.27       14.26766  (21110503)                435538.36
3710262.34       14.85235  (21110503)
        436998.29   3710253.17       97.02653  (20050705)                437006.23
3710275.99      102.07645  (21121703)
        437014.16   3710298.81      106.92560  (21121703)                436943.13
3710246.78       75.18393  (20121403)
        436951.07   3710269.60       80.57762  (20121403)                436959.00
3710292.42       85.22263  (20121403)
        436966.94   3710315.24       88.57575  (20121403)                436891.78
3710240.99       54.70193  (20121403)
        436895.90   3710263.20       54.51438  (21011208)                436903.84
3710286.02       56.07016  (21011208)
        436911.78   3710308.84       58.59658  (21011208)                436919.71
3710331.66       61.75330  (21090405)
        436845.01   3710259.88       48.12334  (19120805)                436856.62
3710302.45       51.53433  (21090405)
        436864.55   3710325.27       51.73233  (18121805)                436872.49
3710348.09       52.30505  (18121805)
        436798.02   3710277.54       45.90393  (21090405)                436809.39
3710318.87       46.51750  (18121805)
        436817.33   3710341.69       46.55473  (18121805)                436825.26
3710364.51       46.24646  (18121805)
        436750.11   3710290.26       41.89783  (21090405)                436745.98
3710268.05       42.07502  (21090405)
        436741.86   3710245.83       41.46274  (21090405)                436754.23
3710312.48       42.19747  (18121805)
        436762.16   3710335.30       42.21879  (18121805)                436770.10
3710358.12       42.77882  (21090405)
        436778.04   3710380.94       43.62699  (21090405)                436703.15
3710308.17       39.06480  (21090405)
        436695.46   3710266.70       38.96404  (21090405)                436714.94
3710351.72       39.92774  (21090405)
        436722.88   3710374.54       40.40366  (21090405)                436730.81
3710397.36       40.59981  (21090405)
        436655.38   3710321.63       36.97773  (21090405)                436650.98
3710297.93       36.76109  (21090405)
        436646.58   3710274.24       36.57233  (21090405)                436642.19
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3710250.54   36.48501 (21090405)
        436659.78   3710345.33   37.01430 (21090405)   436667.71
3710368.15   37.20662 (18121805)
        436675.65   3710390.97   37.65492 (18121805)   436683.59
3710413.79   37.94016 (18121805)
        436608.43   3710339.54   34.71071 (18121805)   436604.31
3710317.32   34.53841 (18121805)
        436600.18   3710295.10   34.63152 (21090405)   436591.94
3710250.67   34.47977 (21090405)
        436612.55   3710361.75   34.84317 (18121805)   436620.49
3710384.57   34.96630 (18121805)
        436628.43   3710407.39   34.76939 (18121805)   436636.36
3710430.21   34.87239 (19121506)
        436561.40   3710357.02   32.65409 (18121805)   436553.55
3710314.70   32.75529 (18121805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436454.38 3710322.16 29.00497 (19121506) 436450.26 3710299.94 29.26067 (18121805)
436446.14 3710277.73 29.45328 (18121805) 436442.02 3710255.51 29.47544 (18121805)
436470.88 3710411.03 29.51627 (19121506) 436478.81 3710433.85 29.44423 (19121506)
436486.75 3710456.67 29.04092 (19121506) 436494.69 3710479.49 29.11825 (20020723)
436372.15 3710420.84 26.15121 (19121506) 436367.87 3710397.80 26.70520 (19121506)
436363.60 3710374.76 26.94246 (19121506) 436359.32 3710351.72 26.98228 (19121506)
436355.05 3710328.68 26.88793 (19121506) 436350.77 3710305.64 26.63584 (19121506)
436346.50 3710282.60 26.17851 (20112424) 436342.22 3710259.56 26.30973 (18121805)
436376.43 3710443.88 25.13890 (19121506) 436384.36 3710466.70 26.18550 (20020723)
436392.30 3710489.52 26.76424 (20020723) 436400.24 3710512.34 27.09105 (20020723)
436277.58 3710453.03 23.54576 (20020723) 436273.18 3710429.33 23.35135 (21110503)
436268.78 3710405.63 23.29366 (19121506) 436264.38 3710381.94 24.15680 (19121506)
436259.99 3710358.24 24.63932 (19121506) 436255.59 3710334.54 24.84590 (19121506)
436251.19 3710310.84 24.84693 (19121506) 436246.79 3710287.15 24.63662 (19121506)
436242.39 3710263.45 24.27086 (20112424) 436281.98 3710476.73 24.36278 (20020723)
436289.91 3710499.55 24.83965 (20020723) 436297.85 3710522.37 25.10966 (20020723)
436305.79 3710545.19 25.25357 (20020723) 436183.40 3710487.36 22.89799 (20020723)
436175.16 3710442.93 21.67356 (21110503) 436171.03 3710420.71 21.80982 (21110503)
436166.91 3710398.49 21.79655 (21110503) 436162.79 3710376.28 21.64542 (21110503)
436158.66 3710354.06 22.18493 (19121506) 436154.54 3710331.84 22.68921 (19121506)
436146.29 3710287.41 22.99699 (19121506) 436142.17 3710265.19 22.82069 (19121506)
436187.52 3710509.57 23.20102 (20020723) 436195.46 3710532.39 23.38018 (20020723)
436203.40 3710555.21 23.39495 (20020723) 436211.33 3710578.03 23.19627 (20020723)
436088.85 3710519.64 21.78531 (20020723) 436084.62 3710496.85 21.57105 (20020723)
436080.39 3710474.07 21.11262 (20020723) 436076.16 3710451.28 20.32578 (20020723)

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        436071.93   3710428.49       20.25487  (21110503)                436067.70
3710405.71       20.44875  (21110503)
        436063.47   3710382.92       20.45826  (21110503)                436059.24
3710360.14       20.28987  (21110503)
        436055.02   3710337.35       20.09055  (19121506)                436050.79
3710314.56       20.77812  (19121506)
        436046.56   3710291.78       21.19351  (19121506)                436042.33
3710268.99       21.35106  (19121506)
        436093.07   3710542.42       21.78405  (20020723)                436101.01
3710565.24       21.62063  (20020723)
        436108.95   3710588.06       21.19013  (20020723)                436116.88
3710610.88       20.41240  (20020723)
        435994.30   3710552.00       20.25937  (20020723)                435989.98
3710528.72       20.41959  (20020723)
        435985.67   3710505.45       20.33213  (20020723)                435981.35
3710482.18       19.98550  (20020723)
        435977.03   3710458.90       19.32873  (20020723)                435972.71
3710435.63       18.53719  (21110503)
        435968.39   3710412.35       19.01297  (21110503)                435964.07
3710389.08       19.23829  (21110503)
        435959.75   3710365.81       19.25163  (21110503)                435955.43
3710342.53       19.05520  (21110503)
        435951.11   3710319.26       18.61029  (21110503)                435946.79
3710295.98       19.06431  (19121506)
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3710558.63   16.62767 (20020723)
        435689.62   3710535.59   16.98683 (20020723)   435685.34
3710512.55   17.11782 (20020723)
        435681.07   3710489.51   17.05042 (20020723)   435676.79
3710466.47   16.67701 (20020723)
        435672.51   3710443.43   15.97509 (20020723)   435668.24
3710420.39   15.29964 (21120204)
        435663.96   3710397.35   15.20661 (21123108)   435659.69
3710374.31   15.61304 (21110503)
        435655.41   3710351.27   16.01761 (21110503)   435651.14
3710328.23   16.18392 (21110503)
        435646.86   3710305.19   16.10906 (21110503)   435642.59
3710282.16   15.77663 (21110503)
        435715.27   3710673.82   16.10378 (17031607)   435723.21
3710696.64   16.00847 (19010608)
        435731.14   3710719.46   16.06570 (19010608)   435739.08
3710742.28   16.35766 (18012708)
        435616.48   3710683.29   15.53570 (17031607)   435612.14
3710659.90   15.44384 (17031607)
        435607.80   3710636.51   15.61897 (17021608)   435603.46
3710613.13   15.95117 (17021608)
        435599.12   3710589.74   16.08162 (17021608)   435594.78
3710566.36   16.63823 (20020723)
        435590.44   3710542.97   17.15521 (20020723)   435586.10
3710519.59   17.34906 (20020723)
        435581.76   3710496.20   17.27078 (20020723)   435577.42
3710472.81   16.74588 (20020723)
        435573.08   3710449.43   15.92036 (20020723)   435568.74
3710426.04   14.86400 (20020723)
        435564.40   3710402.66   14.42148 (21120204)   435560.06
3710379.27   14.45665 (21123108)
        435555.72   3710355.89   14.83526 (21110503)   435551.38
3710332.50   15.20635 (21110503)

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972

, L0003973   , L0003974   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435547.04	3710309.12	15.33668	(21110503)	435542.70	3710285.73	15.21313	(21110503)
435620.82	3710706.67	15.49343	(19010608)	435628.76	3710729.49	15.59086	(19010608)
435636.69	3710752.31	15.94361	(18012708)	435644.63	3710775.13	16.79490	(18012708)
437027.39	3710326.68	110.17507	(21121703)	437038.31	3710349.01	111.25339	(21122423)
437049.22	3710371.33	108.32861	(17011216)	436982.47	3710348.64	96.73365	(21090405)
436993.39	3710370.97	103.91737	(21090405)	437004.30	3710393.30	107.00000	(18121805)
436937.55	3710370.61	71.76729	(18121805)	436948.47	3710392.93	78.86059	(18121805)
436959.39	3710415.26	86.41037	(21090405)	436881.72	3710370.24	51.85956	(18121805)
436892.63	3710392.57	53.51100	(19120805)	436903.55	3710414.89	60.87644	(19120805)
436914.47	3710437.22	73.85095	(21090405)	436836.80	3710392.20	47.36727	(21090405)
436847.72	3710414.53	48.75928	(21090405)	436858.63	3710436.86	51.15022	(21090405)
436869.55	3710459.18	60.29047	(21090405)	436791.88	3710414.17	44.81964	(21090405)
436802.80	3710436.49	45.36734	(21090405)	436813.71	3710458.82	47.46162	(18121805)
436824.63	3710481.15	55.24797	(18121805)	436746.96	3710436.13	41.46568	(18121805)
436757.88	3710458.46	41.93533	(18121805)	436768.80	3710480.78	43.89961	(18121805)
436779.71	3710503.11	46.23207	(19121506)	436692.82	3710435.94	37.87877	(18121805)
436702.05	3710458.09	37.77828	(19121506)	436712.96	3710480.42	38.59598	(19121506)
436723.88	3710502.75	39.24490	(19121506)	436734.80	3710525.07	39.22082	(19121506)
436650.21	3710463.44	35.60737	(19121506)	436668.04	3710502.38	35.88988	(19121506)

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        436678.96   3710524.71       35.55180  (19121506)                436689.88
3710547.04       35.75054  (20020723)
        436604.52   3710483.56       33.29495  (19121506)                436623.13
3710524.34       33.10163  (20020723)
        436634.04   3710546.67       33.58201  (20020723)                436644.96
3710569.00       34.09947  (20020723)
        436513.14   3710523.79       29.79962  (20020723)                436503.92
3710501.64       29.49914  (20020723)
        436522.37   3710545.94       30.10735  (20020723)                436533.29
3710568.27       30.44393  (20020723)
        436544.21   3710590.60       30.66721  (20020723)                436555.12
3710612.92       30.63100  (20020723)
        436424.46   3710570.49       27.61977  (20020723)                436443.45
3710612.20       27.33713  (20020723)
        436454.37   3710634.52       26.57142  (20020723)                436465.29
3710656.85       26.04094  (21012123)
        436333.47   3710611.64       24.63981  (20020723)                436324.24
3710589.49       25.12596  (20020723)
        436315.01   3710567.34       25.28975  (20020723)                436342.70
3710633.79       23.66232  (20020723)
        436353.62   3710656.12       23.34885  (18121221)                436364.53
3710678.45       23.74013  (21012123)
        436375.45   3710700.77       23.88856  (21012123)                436244.56
3710657.78       21.35730  (18020722)
        436227.95   3710617.91       22.10348  (20020723)                436263.78
3710700.05       21.74185  (21012123)
        436274.70   3710722.37       21.88226  (19122020)                436285.61
3710744.70       22.22384  (21011706)
        436153.80   3710699.49       19.85845  (17121723)                436144.57
3710677.34       19.72964  (18121221)
        436135.34   3710655.19       19.64263  (18020722)                436126.11
3710633.04       19.65274  (18012918)
        436163.03   3710721.65       20.01139  (20022703)                436173.94
3710743.97       20.16084  (19122020)
        436184.86   3710766.30       20.43953  (21011706)                436195.78
3710788.63       20.53707  (21011706)
        436064.73   3710745.27       18.52398  (18120419)                436047.81
3710704.65       18.32753  (17121219)
        436084.11   3710787.90       18.86167  (18011820)                436095.03
3710810.22       18.89797  (18020405)
        436105.94   3710832.55       19.00539  (17121220)                435974.13
3710787.34       17.13810  (18011820)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 , L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 , L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	17.09287	(18120419)	435955.67	3710743.04	16.97070	(20022703)
435946.44	3710720.89	16.90221	(17121219)	435937.21	3710698.74	16.73081	(20011224)
435983.36	3710809.50	17.35665	(18011820)	435994.27	3710831.82	17.35303	(19011808)
436005.19	3710854.15	17.70103	(19011808)	436016.11	3710876.48	17.77558	(19011808)
435884.95	3710832.85	17.23819	(19011808)	435867.81	3710791.71	17.44793	(18012708)
435850.67	3710750.57	16.83167	(18012708)	435904.44	3710875.75	18.02396	(19011808)
435915.35	3710898.08	17.85508	(19011808)	435926.27	3710920.40	17.32691	(19011808)
435794.45	3710875.20	17.59929	(19011808)	435785.23	3710853.04	17.33767	(19011808)
435776.00	3710830.89	17.45189	(18012708)	435766.77	3710808.74	17.81898	(18012708)
435757.54	3710786.59	17.64314	(18012708)	435748.31	3710764.43	17.02811	(18012708)
435803.68	3710897.35	17.56148	(19011808)	435814.60	3710919.67	17.21960	(19011808)
435825.52	3710942.00	16.66260	(19011808)	435836.43	3710964.33	16.24466	(21011420)
435705.19	3710920.51	16.97961	(19011808)	435687.89	3710878.97	16.98311	(19011808)
435670.59	3710837.43	17.30626	(18012708)	435724.76	3710963.60	16.34145	(19011808)
435735.68	3710985.93	15.62550	(21011420)	435746.60			

3711008.25 15.24914 (21012124)
437052.65 3710321.47 66.02804 (20120807) 437017.82
3710373.27 120.07549 (21090405)
436964.72 3710362.63 86.84885 (21090405) 436881.73
3710306.83 54.38017 (21090405)
436863.46 3710244.40 50.24939 (21011208) 436828.63
3710296.20 48.64016 (21090405)
436810.36 3710233.77 44.65875 (20122108) 436662.66
3710184.60 36.39828 (19120805)
436538.19 3710100.90 31.12666 (19120805) 436383.83
3709972.03 24.82811 (19120805)
436289.23 3709933.50 23.39670 (19120805) 436123.27
3709821.90 19.83821 (19120805)
435920.75 3709585.43 15.31810 (18011208) 436987.78
3710422.82 98.87846 (21090405)
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436726.55 3710282.45 40.53009 (21090405) 436691.95
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3710364.41 33.80069 (18121805)
436570.02 3710269.33 33.58928 (21090405) 436612.64
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436445.65 3710066.12 28.26633 (19120805) 436272.19
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436290.38 3710169.51 25.75555 (18121805) 436308.56
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3710049.37 25.47270 (21090405)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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435961.32 3710196.94 19.98110 (20112424) 435894.79
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3710472.98 23.28529 (20020723)
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3710394.57 22.72182 (21110503)
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3710478.72 21.86364 (20020723)
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3710403.11 21.34602 (21110503)
436137.98 3710365.31 21.23528 (21110503) 436021.10
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3710401.20   18.73802 (21110503)
        435919.70   3710563.16   19.05496 (20020723)   435821.23
3710526.73   18.39475 (20020723)
        435825.64   3710487.53   18.28018 (20020723)   435830.06
3710448.33   17.34574 (20020723)
        435834.47   3710409.12   17.12076 (21110503)   435819.77
3710566.80   17.76330 (20020723)
        435721.36   3710529.86   17.33437 (20020723)   435725.88
3710489.62   17.32270 (20020723)
        435730.41   3710449.39   16.48910 (20020723)   435734.94
3710409.15   15.82212 (21123108)
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3710570.44   16.57643 (20020723)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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3710537.20 17.37550 (20020723)
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3710457.01 16.43429 (20020723)
435535.02 3710416.92 14.36429 (20020723) 435519.97
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435521.46 3710618.64 15.43894 (17021608) 436953.73
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3710105.82 27.95802 (21090405)
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436223.04 3709981.67 22.41146 (21090405) 436158.78
3709901.74 21.00858 (19120805)
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3709839.67 19.61681 (19120805)
436066.24 3709857.53 19.07852 (19120805) 436001.97
3709777.60 18.32093 (19120805)
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435895.29 3709751.24 16.42793 (19120805) 435881.15
3709769.10 15.59717 (19120805)
435845.17 3709653.45 16.14245 (19120805) 435831.03
3709671.31 16.13144 (19120805)
435816.89 3709689.17 15.78632 (19120805) 435802.75
3709707.03 15.07735 (19120805)
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3710691.41 79.51218 (20030803)
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3710629.34 50.75925 (20020723)

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        436863.26   3710667.01       48.60786  (18010108)                436859.69
3710706.90       48.72692  (18010108)
        436856.12   3710746.79       50.83579  (20030803)                436821.61
3710626.66       42.79821  (20020723)
        436813.46   3710662.55       40.69234  (20020723)                436809.89
3710702.44       40.51883  (18010108)
        436806.32   3710742.33       41.50151  (20050504)                436772.51
3710620.42       39.81581  (20020723)
        436793.71   3710567.27       41.32249  (19121506)                436763.66
3710658.09       37.80289  (20020723)
        436760.09   3710697.98       37.12194  (18011908)                436756.52
3710737.87       37.70222  (18010108)
        436742.14   3710567.24       38.29163  (20020723)                436715.65
3710633.68       36.47567  (20020723)
        436712.07   3710673.58       34.85142  (19011808)                436708.50
3710713.47       34.65016  (21012124)
        436672.91   3710611.51       35.05654  (20020723)                436708.24
3710522.92       37.46217  (19121506)
        436664.06   3710649.17       33.21730  (20020723)                436660.49
3710689.06       32.70115  (19011808)
        436656.92   3710728.95       32.47562  (21012124)                436622.79
3710607.85       33.09502  (20020723)
        436656.51   3710523.29       34.31331  (20020723)                436614.26
3710644.71       31.37259  (20020723)
        436610.69   3710684.60       30.70958  (19011808)                436607.11
3710724.50       30.62653  (21011420)
        436594.51   3710549.43       32.24447  (20020723)                436564.46
3710640.25       29.76946  (20020723)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	28.72358	(19011808)	436557.31	3710720.04	28.87408	(19011808)
436545.80	3710542.25	30.74813	(20020723)	436575.15	3710468.65	32.37478	(19121506)
436514.66	3710635.79	28.34383	(20020723)	436511.09	3710675.68	27.21468	(21012123)
436507.51	3710715.58	27.27222	(19011808)	436473.71	3710593.67	28.61042	(20020723)
436487.84	3710558.23	29.21299	(20020723)	436558.50	3710381.05	32.07083	(19121506)
436459.50	3710691.17	25.86604	(21011706)	436374.11	3710584.75	26.30749	(20020723)
436388.24	3710549.31	26.88927	(20020723)	436473.03	3710336.70	29.59016	(19121506)
436365.25	3710622.42	24.88849	(20020723)	436274.51	3710575.83	24.39706	(20020723)
436380.50	3710310.06	27.26338	(19121506)	436394.63	3710274.63	27.79351	(18121805)
436265.65	3710613.50	23.08620	(20020723)	436175.21	3710566.14	22.79399	(20020723)
436278.44	3710307.31	25.33155	(19121506)	436293.19	3710270.33	25.12111	(20112424)
436307.93	3710233.35	25.79062	(18121805)	436166.05	3710604.58	21.57204	(20020723)
436162.48	3710644.47	20.08020	(18020722)	436075.57	3710557.31	21.35824	(20020723)
436178.31	3710299.72	23.53653	(19121506)	436192.98	3710262.92	23.52721	(20112424)
436207.66	3710226.12	23.35959	(20101104)	436066.45	3710595.66	20.22713	(20020723)
436062.88	3710635.55	18.76027	(18012918)	436059.31	3710675.44	18.50076	(17120201)
436012.49	3710456.82	19.69476	(20020723)	436078.28	3710291.86	21.77397	(19121506)
436092.90	3710255.20	22.05252	(19121506)	436107.52	3710218.54	21.80770	(20112424)
435968.63	3710566.80	19.63019	(20020723)	435965.06	3710606.69	18.18393	(20020723)
435961.49	3710646.58	17.31027	(18012918)	435905.47	3710466.52	18.72644	(20020723)
435971.05	3710302.07	19.39947	(19121506)	435985.63	3710265.53	20.46539	(19121506)
436000.20	3710228.99	20.64324	(19121506)	436014.77			

3710192.44   20.40083 (20112424)
        436029.35   3710155.90   20.60862 (20101104)   435869.03
3710557.88   18.53890 (20020723)
        435865.46   3710597.77   17.24514 (20020723)   435861.89
3710637.66   16.16548 (18012918)
        435805.77   3710457.84   17.42249 (20020723)   435834.85
3710384.94   17.64037 (21110503)
        435871.19   3710293.82   17.43796 (19121506)   435885.72
3710257.37   18.85994 (19121506)
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3710184.47   19.38616 (20112424)
        435929.33   3710148.02   18.65071 (20112424)   435769.43
3710548.96   17.58181 (20020723)
        435765.86   3710588.85   16.46814 (20020723)   435762.29
3710628.74   15.51233 (17021608)
        435706.09   3710449.12   16.32832 (20020723)   435735.10
3710376.38   16.52697 (21110503)
        435771.36   3710285.46   16.55065 (21110503)   435785.87
3710249.09   17.24781 (19121506)
        435800.37   3710212.72   18.16145 (19121506)   435814.87
3710176.35   18.29094 (20112424)
        435829.38   3710139.99   18.02464 (20112424)   435843.88
3710103.62   17.85947 (20101104)
        435668.04   3710559.99   16.39327 (20020723)   435664.47
3710599.88   15.51862 (17021608)
        435660.90   3710639.77   15.78887 (17021608)   435599.18
3710458.52   16.26956 (20020723)
        435628.14   3710385.92   14.99989 (21123108)   435671.57
3710277.02   15.82402 (21110503)
        435686.05   3710240.72   15.65566 (19121506)   435700.52
3710204.42   16.87215 (19121506)
        435715.00   3710168.12   17.29284 (19121506)   435729.48
3710131.82   17.26213 (20112424)
        435743.95   3710095.52   16.52951 (20112424)   435794.62
3709968.47   17.81576 (18121805)
        435568.44   3710551.07   17.09479 (20020723)   435564.87
3710590.96   15.94654 (17021608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956

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, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435561.30   3710630.85       15.44098  (17021608)               435478.02
3710503.66       17.84563  (20020723)
        435492.81   3710466.58       17.22114  (20020723)               435507.60
3710429.49       14.95619  (20020723)
        435522.39   3710392.41       14.05135  (21120204)               435566.76
3710281.16       15.31247  (21110503)
        435581.55   3710244.07       14.54986  (21110503)               435596.34
3710206.99       15.17574  (19121506)
        435611.13   3710169.90       16.15442  (19121506)               435625.92
3710132.82       16.33259  (19121506)
        435640.71   3710095.73       16.23244  (20112424)               435655.50
3710058.65       15.27571  (20112424)
        435468.84   3710542.15       17.18444  (20020723)               435465.27
3710582.04       15.79271  (20020723)
        435461.70   3710621.93       15.05040  (17021608)               436915.73
3710783.44       85.98781  (21090701)
        436907.55   3710762.62       82.83474  (20091403)               436937.15
3710806.27       95.08935  (21090424)
        436880.10   3710817.46       56.87797  (21090701)               436860.47
3710777.12       52.24047  (20030803)
        436903.71   3710843.43       70.94579  (19120804)               436845.57
3710853.05       51.41061  (21090701)
        436825.93   3710824.73       48.42811  (20030803)               436813.66
3710793.51       46.16586  (20030803)
        436870.26   3710880.60       64.06214  (19120804)               436811.47
3710889.27       49.45127  (21090701)
        436790.52   3710859.06       45.51602  (20030803)               436766.96
3710810.65       41.04647  (20030803)
        436761.74   3710774.26       38.88483  (20050504)               436836.82
3710917.77       63.48959  (21090701)
        436777.58   3710925.81       52.36821  (21090701)               436755.76
3710894.34       43.45448  (20030803)
        436733.95   3710862.87       40.27738  (20030803)               436720.32
3710828.18       37.13362  (20050504)
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        436714.88   3710790.27       36.03274  (20050504)                436709.44
3710752.37       35.12312  (18010108)
        436803.37   3710954.94       59.21952  (21090701)                436743.83
3710962.53       51.95849  (21031805)
        436721.38   3710930.16       44.35663  (20030803)                436698.94
3710897.79       38.31871  (20030803)
        436673.70   3710845.92       34.93661  (20050504)                436668.11
3710806.93       33.56572  (18010108)
        436662.51   3710767.94       32.80722  (18011908)                436769.93
3710992.10       52.83073  (21090701)
        436711.42   3711001.19       44.46803  (21031805)                436691.06
3710971.82       47.26336  (20030803)
        436670.69   3710942.45       41.31072  (20030803)                436650.33
3710913.08       34.78985  (20030803)
        436627.42   3710866.01       32.86850  (20050504)                436622.35
3710830.63       31.18477  (18010108)
        436617.27   3710795.25       30.91486  (21012022)                436612.19
3710759.87       30.69455  (21012022)
        436736.48   3711029.27       43.50502  (21090701)                436677.68
3711037.94       39.83619  (21090701)
        436656.74   3711007.73       41.32034  (20030803)                436635.79
3710977.52       41.43381  (20030803)
        436614.84   3710947.30       33.11053  (20030803)                436593.90
3710917.09       32.13595  (20050504)
        436580.81   3710883.79       30.87426  (20050504)                436575.59
3710847.40       29.54444  (18010108)
        436570.37   3710811.01       29.43747  (21012022)                436565.15
3710774.62       29.07720  (21012124)
        436703.04   3711066.44       40.89622  (21090701)                436644.00
3711074.77       37.06299  (21090701)
        436622.58   3711043.87       36.06437  (20091403)                436601.16
3711012.97       34.94050  (20030803)
        436579.73   3710982.07       32.72373  (20030803)                436558.31
3710951.17       31.03403  (20050504)
        436534.22   3710901.66       28.84604  (20050504)                436528.88
3710864.45       27.92811  (18120719)
        436523.54   3710827.23       28.01626  (21012022)                436518.20
3710790.01       27.59479  (21012124)
        436512.85   3710752.79       27.58855  (21011420)                436669.59
3711103.60       38.81492  (21090701)
        436610.36   3711111.65       35.70929  (21090701)                436588.54
3711080.18       34.69151  (20091403)
        436566.72   3711048.70       33.31427  (20030803)                436544.90
3711017.23       30.64786  (20030803)
        436523.08   3710985.76       29.98086  (20050504)                436501.26
3710954.29       28.82498  (20050504)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	26.98640	(20091405)	436482.19	3710881.70	26.37939	(18120719)
436476.75	3710843.79	26.61051	(21012022)	436471.31	3710805.88	26.26520	(18010320)
436465.87	3710767.98	26.25554	(21011420)	436460.43	3710730.07	25.94614	(21011706)
436636.15	3711140.77	37.22319	(21090701)	436543.15	3711185.53	32.86651	(21090424)
436520.71	3711153.16	31.85248	(20091403)	436498.27	3711120.79	30.91801	(20091403)
436475.83	3711088.42	28.85050	(20030803)	436453.38	3711056.05	27.87235	(20050504)
436430.94	3711023.68	27.37753	(20050504)	436408.50	3710991.31	25.75599	(20091405)
436394.48	3710955.63	24.09039	(18010108)	436388.89	3710916.64	24.00183	(18123108)
436383.29	3710877.65	24.14313	(21012022)	436377.69	3710838.66	23.91577	(17021319)
436372.10	3710799.67	23.88501	(21011420)	436366.50	3710760.68	23.77920	(21011704)
436360.91	3710721.69	23.70023	(21011706)	436569.25	3711215.11	33.72475	(21090701)
436476.70	3711260.50	30.24280	(21090424)	436455.14	3711229.40	28.81015	(20091403)
436433.58	3711198.30	28.97720	(20091403)	436412.02			

3711167.20 27.75450 (20030803)
436390.45 3711136.10 25.40432 (20050502) 436368.89
3711105.00 25.85806 (20050504)
436347.33 3711073.90 25.33449 (20050504) 436325.77
3711042.79 23.88837 (20091405)
436301.52 3710992.96 21.93625 (18010108) 436296.14
3710955.50 21.88792 (21010201)
436290.76 3710918.04 21.98111 (21012022) 436285.39
3710880.58 21.92575 (18010320)
436280.01 3710843.12 21.90667 (21010123) 436274.64
3710805.66 21.91008 (21012201)
436269.26 3710768.20 21.87509 (21011706) 436502.36
3711289.44 30.55696 (21090701)
436409.57 3711334.48 27.79857 (21090424) 436387.52
3711302.68 26.74647 (21031805)
436365.47 3711270.88 26.93367 (20091403) 436343.42
3711239.08 26.17372 (20030803)
436321.37 3711207.27 24.18901 (20030803) 436299.33
3711175.47 23.85552 (20050502)
436277.28 3711143.67 23.99928 (20050504) 436255.23
3711111.87 23.00475 (20091405)
436233.18 3711080.07 21.54654 (21090404) 436208.38
3711029.11 20.22157 (18120719)
436202.89 3710990.81 20.23752 (21010201) 436197.39
3710952.50 20.22485 (21012022)
436191.89 3710914.19 20.15066 (18010320) 436186.39
3710875.89 20.15414 (21010123)
436180.90 3710837.58 20.30121 (21012201) 436175.40
3710799.28 20.15723 (18020405)
436435.47 3711363.78 27.69050 (21090701) 436342.48
3711408.53 26.28636 (21090701)
436320.04 3711376.16 25.64766 (21031805) 436297.60
3711343.79 25.24304 (20091403)
436275.15 3711311.42 25.06591 (20030803) 436252.71
3711279.05 23.82677 (20030803)
436230.27 3711246.68 21.87449 (20050502) 436207.83
3711214.31 22.42513 (20050504)
436185.38 3711181.94 22.15480 (20050504) 436162.94
3711149.57 21.05210 (20091405)
436140.50 3711117.20 19.94120 (21090404) 436115.26
3711065.34 18.74966 (18020901)
436109.66 3711026.35 18.77782 (21010201) 436104.07
3710987.36 18.70991 (21012022)
436098.47 3710948.37 18.64679 (18010320) 436092.88
3710909.38 18.65002 (21010123)
436087.28 3710870.39 18.74188 (21012201) 436081.69
3710831.40 18.61039 (18121422)
436368.58 3711438.11 25.88624 (21090701) 436275.43
3711482.63 24.66540 (21090701)
436252.66 3711449.79 24.24401 (21031805) 436229.89

3711416.96   23.80591 (20091403)
        436207.12   3711384.12   24.32197 (20030803)   436184.36
3711351.28   24.25126 (20030803)
        436161.59   3711318.44   21.92535 (20030803)   436138.82
3711285.60   20.85007 (20050502)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436116.05   3711252.76   21.07891 (20050504)   436093.29
3711219.92   20.37696 (20091405)
        436070.52   3711187.08   19.31751 (21090404)   436047.75
3711154.24   18.23982 (21090404)
        436022.15   3711101.62   17.38254 (18020901)   436016.47
3711062.07   17.36862 (21010201)
        436010.79   3711022.52   17.40208 (21012022)   436005.12
3710982.96   17.37181 (18010320)
        435999.44   3710943.41   17.49879 (21012124)   435993.76
3710903.85   17.60454 (21011420)
        435965.38   3710706.08   17.15322 (17121219)   436301.69
3711512.44   23.99356 (21090701)
        436208.84   3711557.41   23.20552 (21090701)   436186.69
3711525.46   22.67165 (21031805)
        436164.53   3711493.50   22.14628 (21031805)   436142.38
3711461.55   22.69952 (20091403)

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        436120.22   3711429.59       24.22581  (20030803)                436098.07
3711397.63       23.15223  (20030803)
        436075.91   3711365.68       20.03548  (21121308)                436053.76
3711333.72       19.73648  (20050502)
        436031.61   3711301.77       19.86822  (20050504)                436009.45
3711269.81       19.12149  (20091405)
        435987.30   3711237.86       18.18205  (21090404)                435965.14
3711205.90       17.26536  (21090404)
        435942.99   3711173.95       16.86312  (18010108)                435929.15
3711138.73       16.71163  (21011908)
        435923.62   3711100.24       16.64546  (20122808)                435918.10
3711061.75       16.57600  (21120808)
        435912.58   3711023.26       16.34715  (18011908)                435907.05
3710984.77       16.33378  (21012124)
        435901.53   3710946.28       16.93354  (21011420)                435873.91
3710753.83       16.80351  (18012708)
        435868.39   3710715.34       16.06609  (18031607)                435862.87
3710676.85       16.02056  (18020722)
        436234.80   3711586.78       22.43244  (21090701)                436141.81
3711631.54       22.20018  (21090701)
        436119.37   3711599.17       21.53875  (21031805)                436096.92
3711566.80       21.30016  (21031805)
        436074.48   3711534.43       21.49307  (20091403)                436052.04
3711502.06       23.94141  (20030803)
        436029.60   3711469.69       23.64718  (20030803)                436007.15
3711437.32       21.21593  (20030803)
        435984.71   3711404.95       19.97806  (20050502)                435962.27
3711372.58       19.63071  (20050504)
        435939.83   3711340.21       18.90487  (20050504)                435917.38
3711307.84       17.88052  (20091405)
        435894.94   3711275.47       16.85564  (21090404)                435872.50
3711243.10       16.84862  (18010108)
        435850.06   3711210.73       16.54965  (18010108)                435836.04
3711175.05       16.46202  (21011908)
        435830.44   3711136.06       16.57518  (21120808)                435824.85
3711097.07       16.45307  (21120808)
        435819.25   3711058.08       15.66992  (18011908)                435813.66
3711019.09       15.37080  (17060406)
        435808.06   3710980.10       15.78720  (21012124)                435802.47
3710941.11       16.81510  (19011808)
        435780.09   3710785.15       17.62280  (18012708)                435774.49
3710746.16       16.51303  (18012708)
        435768.89   3710707.17       16.01139  (19010608)                435763.30
3710668.18       15.82529  (17031607)
        436167.91   3711661.11       21.58843  (21090701)                436074.79
3711705.69       25.58536  (21090701)
        436052.10   3711672.96       24.93500  (21090701)                436029.41
3711640.23       24.61534  (21031805)
        436006.72   3711607.50       24.33526  (20091403)                435984.03
3711574.77       24.48533  (20030803)
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435961.33 3711542.04 24.25495 (20030803) 435938.64
3711509.31 22.88145 (20030803)
435915.95 3711476.58 20.03009 (20050502) 435893.26
3711443.85 20.25530 (20050502)
435870.57 3711411.12 19.30887 (20050504) 435847.88
3711378.39 18.11118 (20050504)
435825.18 3711345.66 16.82524 (18081006) 435802.49
3711312.93 16.87071 (18010108)
435779.80 3711280.20 17.05732 (18010108) 435757.11
3711247.47 16.87539 (18010108)
435742.93 3711211.40 17.09271 (20120408) 435737.28
3711171.98 17.16134 (21120808)
435731.62 3711132.55 16.83551 (21120808) 435725.96
3711093.13 15.38736 (18011908)
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*** AERMET - VERSION 22112 *** ***
*** 07:59:17

PAGE 205
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3711735.45 24.25752 (21090701)
436008.14 3711780.37 24.38160 (21090701) 435985.92
3711748.33 24.11106 (21090701)
435963.71 3711716.28 24.48608 (21031805) 435941.49
3711684.24 24.04867 (20091403)
435919.28 3711652.20 25.12028 (20091403) 435897.06
3711620.15 24.90433 (20030803)
435874.85 3711588.11 23.90570 (20030803) 435852.63
3711556.07 21.65670 (21101622)
435830.41 3711524.02 21.53180 (20050502) 435808.20
3711491.98 22.14949 (20050502)
435785.98 3711459.94 22.15035 (20050504) 435763.77
3711427.89 20.44908 (20050504)
435741.55 3711395.85 17.94586 (20091405) 435719.34
3711363.81 17.14384 (18010108)
435697.12 3711331.76 17.62458 (18010108) 435674.91
3711299.72 17.29290 (18010108)
435649.92 3711248.38 16.72205 (20122808) 435644.38
3711209.79 16.75934 (20122808)
435638.84 3711171.19 16.55447 (21120808) 435633.30
3711132.59 15.28782 (18011908)
435627.76 3711094.00 14.63922 (17060406) 435622.23
3711055.40 14.68492 (21012124)
435616.69 3711016.81 15.56172 (21011420) 435611.15
3710978.21 16.62520 (19011808)
435605.61 3710939.62 16.92742 (19011808) 435600.07
3710901.02 16.67803 (19011808)
435594.53 3710862.42 16.53095 (18021524) 435588.99
3710823.83 17.14789 (18012708)
435583.45 3710785.23 16.59668 (18012708) 435577.92
3710746.64 15.30524 (19010608)
435572.38 3710708.04 15.13341 (19010608) 435566.84
3710669.45 15.15893 (17031607)
436034.13 3711809.78 22.79048 (21090701) 435941.13
3711854.54 22.17954 (21090701)
435918.69 3711822.17 22.62951 (21090701) 435896.25
3711789.80 22.90788 (21031805)
435873.81 3711757.43 22.34873 (21031805) 435851.37
3711725.06 23.92299 (20091403)
435828.92 3711692.69 23.75153 (20091403) 435806.48
3711660.32 23.15022 (20030803)
435784.04 3711627.95 21.35820 (20030803) 435761.60
3711595.58 20.66540 (21101622)
435739.15 3711563.21 21.31284 (20050502) 435716.71
3711530.84 21.81207 (20050504)
435694.27 3711498.47 21.47096 (20050504) 435671.83
3711466.10 19.97987 (20091405)
435649.39 3711433.73 18.15164 (21090404) 435626.94
3711401.36 17.60231 (21090404)
435604.50 3711368.99 16.63393 (21090404) 435582.06

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        436688.49   3711159.02       39.64288  (19120804)                436671.27
3711144.28       37.14205  (21090701)
        436636.83   3711114.82       37.46269  (21090701)                436955.44
3711352.59       61.56193  (20120702)
        436910.73   3711349.81       55.20891  (18101320)                436866.03
3711347.04       43.86542  (17100222)
        436821.32   3711344.26       44.33458  (20101803)                436686.20
3711281.86       38.47773  (20092402)
        436652.16   3711252.74       36.82787  (19120804)                436618.13
3711223.62       34.63779  (19120804)
        436584.09   3711194.50       34.59523  (21090701)                437049.21
3711453.43       51.19282  (20050503)
        436916.22   3711445.17       44.33543  (18101320)                436871.88
3711442.42       42.79786  (18101320)
        436827.55   3711439.66       39.36501  (17100222)                436783.22
3711436.91       39.96414  (20101803)
        436615.47   3711346.15       33.72868  (20092402)                436581.72
3711317.28       33.21733  (19120804)
        436547.97   3711288.40       30.26553  (18070905)                436514.22
3711259.52       31.59649  (21090701)
        436480.47   3711230.65       30.25479  (21090424)                437093.71
3711551.21       51.88810  (19021501)
        437070.68   3711549.78       53.02792  (19021501)                437047.65
3711548.35       51.66719  (18061301)
        437024.62   3711546.92       49.66463  (18061301)                436886.44
3711538.34       38.78950  (18101320)
        436863.41   3711536.91       39.76854  (18101320)                436840.38
3711535.48       38.26812  (18101320)
        436817.35   3711534.05       37.39350  (19071305)                436794.32
3711532.62       35.76041  (17100222)
        436771.30   3711531.19       36.22352  (17100222)                436626.58
3711480.46       33.10218  (20051605)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 207
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                 INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	30.13578	(20092402)	436538.91	3711405.46	30.05760	(19120804)
436521.38	3711390.46	30.17270	(19120804)	436503.85	3711375.46	29.13321	(19120804)
436486.32	3711360.46	27.94547	(18070905)	436468.78	3711345.46	28.12908	(21090701)
436451.25	3711330.46	28.81417	(21090701)	436433.72	3711315.46	28.54522	(21090701)
436416.18	3711300.46	28.06964	(21090424)	437208.16	3711550.97	36.68528	(20092002)
437166.02	3711650.72	51.33057	(20121401)	437143.22	3711649.30	51.13528	(20121401)
437120.42	3711647.89	48.28117	(21082303)	437097.62	3711646.47	49.98442	(19021501)
437074.82	3711645.05	48.45664	(19021501)	437052.02	3711643.64	42.93539	(19021501)
437029.22	3711642.22	39.46897	(18061301)	437006.42	3711640.81	37.66977	(18061301)
436846.83	3711630.89	34.20410	(19070105)	436824.03	3711629.48	33.99589	(19070105)
436801.23	3711628.06	35.17249	(19071305)	436778.43	3711626.65	34.14127	(19071305)
436755.63	3711625.23	32.97483	(17100222)	436732.83	3711623.81	33.08024	(17100222)
436572.20	3711558.75	29.84518	(20051605)	436537.49	3711529.05	28.97871	(20092402)
436502.77	3711499.35	27.68976	(20092402)	436485.41	3711484.49	27.59632	(20070301)
436468.06	3711469.64	27.80482	(19120804)	436450.70	3711454.79	27.28821	(19120804)
436433.34	3711439.94	26.03637	(18070905)	436415.98	3711425.09	25.13075	(18070905)
436398.63	3711410.24	26.34480	(21090701)	436381.27	3711395.39	27.01044	(21090701)
436363.91	3711380.54	26.74258	(21090701)	436346.55	3711365.69	26.10200	(21031805)
436329.20	3711350.84	25.59621	(21031805)	437211.62	3711653.55	37.85676	(19082904)
437233.95	3711647.59	34.51692	(19120802)	437214.79			

3711748.76   33.05782 (20092002)
        437192.17   3711747.36   39.76641 (20121401)   437169.55
3711745.95   44.85155 (20121401)
        437146.93   3711744.55   46.13423 (20121401)   437124.32
3711743.14   44.43694 (20121401)
        437101.70   3711741.74   44.50471 (19021501)   437079.08
3711740.33   45.18645 (19021501)
        437056.46   3711738.93   43.09022 (19021501)   437033.84
3711737.53   38.66600 (19021501)
        437011.22   3711736.12   36.73520 (18061301)   436988.60
3711734.72   33.64333 (18061301)
        436965.98   3711733.31   32.34732 (21121219)   436852.89
3711726.29   32.64919 (20120702)
        436830.27   3711724.88   31.55897 (17102803)   436807.65
3711723.48   31.64528 (19070105)
        436785.04   3711722.07   31.34976 (19071305)   436762.42
3711720.67   31.57804 (19071305)
        436739.80   3711719.26   30.26588 (21060824)   436717.18
3711717.86   29.66739 (17100222)
        436500.77   3711622.44   26.38293 (21120223)   436483.55
3711607.71   26.62375 (20092402)
        436466.33   3711592.97   26.57096 (20092402)   436449.11
3711578.24   25.49562 (20092402)
        436431.89   3711563.51   25.36455 (20070301)   436414.67
3711548.77   25.79652 (19120804)
        436397.45   3711534.04   25.91678 (19120804)   436380.23
3711519.31   25.36668 (19120804)
        436363.01   3711504.58   24.01156 (19120804)   436345.79
3711489.84   23.88859 (21090701)
        436328.57   3711475.11   25.06684 (21090701)   436311.35
3711460.38   25.46542 (21090701)
        436294.13   3711445.64   25.11491 (21090701)   436276.91
3711430.91   24.77591 (21031805)
        436259.69   3711416.18   24.50002 (21031805)   436139.16
3711313.05   20.51700 (21121308)
        437237.41   3711750.17   29.60909 (19120802)   437259.74
3711744.21   29.56304 (19120802)
        437240.72   3711845.39   28.01991 (20092002)   437218.25
3711843.99   32.27357 (19082904)
        437195.78   3711842.60   34.00567 (20121401)   437173.31
3711841.20   35.49930 (20121401)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437150.83   3711839.81   36.63867 (20121401)   437128.36
3711838.41   37.23587 (20121401)
        437105.89   3711837.02   37.51614 (21082303)   437083.41
3711835.62   40.03266 (19021501)
        437060.94   3711834.22   41.28733 (19021501)   437038.47
3711832.83   39.93395 (19021501)
        437016.00   3711831.43   37.24975 (18061301)   436993.52
3711830.04   36.12569 (18061301)
        436971.05   3711828.64   32.73665 (18061301)   436948.58
3711827.25   30.54399 (21121219)
        436813.74   3711818.87   28.63575 (17102803)   436791.27
3711817.48   28.61189 (19070105)
        436768.80   3711816.08   28.27939 (19070105)   436746.32
3711814.69   28.59970 (19071305)
        436723.85   3711813.29   28.41183 (19071305)   436701.38
3711811.89   27.30735 (21060824)
        436678.91   3711810.50   26.94236 (17100222)   436446.78
3711701.06   24.14563 (21111806)
        436412.57   3711671.78   24.39346 (19041722)   436378.35
3711642.50   23.35214 (20070301)
        436361.24   3711627.87   24.46657 (19120804)   436327.02
3711598.59   24.61025 (19120804)
        436292.81   3711569.32   21.63673 (18070905)   436258.59
3711540.04   23.64893 (21090701)
        436224.37   3711510.76   23.38652 (21090701)   436190.15
3711481.49   22.80072 (21031805)
        436173.04   3711466.85   22.44434 (20091403)   436053.28
3711364.39   19.71665 (21121308)
        437263.20   3711846.79   26.77685 (19120802)   437285.53
3711840.83   26.58271 (19120802)

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        437265.95   3711941.97       29.84371  (19120802)               437242.92
3711940.54       31.63597  (19072204)
        437219.89   3711939.11       31.57209  (19082904)               437196.86
3711937.68       32.09233  (20121401)
        437173.83   3711936.25       33.94309  (20121401)               437150.80
3711934.82       36.09166  (20121401)
        437127.77   3711933.39       37.15209  (20121401)               437104.74
3711931.96       36.62479  (21082303)
        437081.72   3711930.53       37.98657  (19021501)               437058.69
3711929.10       38.40287  (19021501)
        437035.66   3711927.67       37.22529  (19021501)               437012.63
3711926.24       34.33250  (19021501)
        436989.60   3711924.81       34.00185  (18061301)               436966.57
3711923.38       32.25266  (18061301)
        436943.54   3711921.95       29.51580  (21121219)               436920.51
3711920.52       28.62763  (21121219)
        436782.33   3711911.94       26.09002  (17102803)               436759.30
3711910.51       26.13521  (19070105)
        436736.27   3711909.08       25.75404  (18101320)               436713.24
3711907.65       26.16505  (19071305)
        436690.21   3711906.22       25.93702  (19071305)               436667.18
3711904.79       24.90111  (21060824)
        436406.27   3711791.20       24.36812  (21111806)               436388.74
3711776.20       24.77168  (21111806)
        436371.20   3711761.20       23.87283  (21111806)               436353.67
3711746.20       22.79889  (21111806)
        436336.14   3711731.20       21.89454  (20092402)               436318.61
3711716.20       23.03458  (19120804)
        436301.07   3711701.20       23.94070  (19120804)               436283.54
3711686.19       23.92424  (19120804)
        436266.01   3711671.19       23.30567  (19120804)               436248.47
3711656.19       21.98749  (19120804)
        436230.94   3711641.19       20.25517  (18070905)               436213.41
3711626.19       21.33020  (21090701)
        436195.88   3711611.19       22.31354  (21090701)               436178.34
3711596.19       22.63508  (21090701)
        436160.81   3711581.19       22.30862  (21090701)               436143.28
3711566.19       21.99746  (21031805)
        436125.74   3711551.19       21.81040  (21031805)               436108.21
3711536.19       21.05995  (21031805)
        435985.48   3711431.18       19.70499  (20030803)               437288.98
3711943.40       27.56240  (19120802)
        437311.31   3711937.44       25.54521  (19120802)               437291.90
3712038.60       29.40150  (19120802)
        437269.03   3712037.18       32.27661  (19082902)               437246.16
3712035.76       32.41369  (20081206)
        437223.29   3712034.34       33.58815  (20081206)               437200.42
3712032.92       33.86891  (20081206)
        437177.55   3712031.50       35.05096  (20121401)               437154.68
3712030.08       36.11795  (20121401)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	35.21681	(20121401)	437108.94	3712027.24	32.88768	(21082303)
437086.07	3712025.82	33.75543	(19021501)	437063.20	3712024.40	34.82423	(19021501)
437040.33	3712022.98	33.92114	(19021501)	437017.46	3712021.56	30.79672	(19021501)
436994.59	3712020.14	27.89777	(18061301)	436971.72	3712018.72	26.85388	(18061301)
436948.85	3712017.30	24.89556	(18061301)	436925.98	3712015.88	24.66547	(21121219)
436903.11	3712014.45	25.42798	(21121219)	436743.02	3712004.51	23.82606	(17102803)
436720.15	3712003.09	24.00370	(18101320)	436697.28	3712001.67	24.43354	(18101320)
436674.41	3712000.25	24.17644	(19071305)	436651.54	3711998.83	23.72191	(19071305)
436628.67	3711997.41	22.69802	(21060824)	436352.17	3711869.72	26.37217	(21111806)
436334.76	3711854.82	26.51469	(21111806)	436317.34	3711839.92	26.05454	(21111806)
436299.93	3711825.03	25.09569	(21111806)	436282.52			

3711810.13 23.54128 (21111806)
436265.11 3711795.23 25.11974 (19120804) 436247.70
3711780.34 26.48306 (19120804)
436230.29 3711765.44 27.00391 (19120804) 436212.88
3711750.54 26.78435 (19120804)
436195.47 3711735.65 25.57738 (19120804) 436178.06
3711720.75 23.97259 (19120804)
436160.64 3711705.86 22.58297 (21090701) 436143.23
3711690.96 23.96101 (21090701)
436125.82 3711676.06 24.18859 (21090701) 436108.41
3711661.17 23.95140 (21090701)
436091.00 3711646.27 23.01391 (21090701) 436073.59
3711631.37 22.27556 (21031805)
436056.18 3711616.48 22.07439 (21031805) 436038.77
3711601.58 22.21803 (21031805)
436021.36 3711586.68 23.55764 (20091403) 435882.07
3711467.51 21.53311 (20050502)
437337.10 3712034.06 22.99159 (19120802) 437295.09
3712133.81 29.42030 (19082902)
437272.36 3712132.40 29.79741 (19082902) 437249.62
3712130.99 29.90509 (20081206)
437226.89 3712129.58 31.41825 (20081206) 437204.15
3712128.17 32.42982 (20081206)
437181.42 3712126.76 33.31492 (21091105) 437158.68
3712125.34 33.41841 (20121401)
437135.95 3712123.93 32.61935 (20121401) 437113.21
3712122.52 30.64084 (20121401)
437090.48 3712121.11 30.40599 (19021501) 437067.74
3712119.70 31.52048 (19021501)
437045.01 3712118.28 31.21125 (19021501) 436999.54
3712115.46 25.32864 (19021501)
436976.81 3712114.05 24.38334 (18061301) 436954.07
3712112.64 23.82535 (18061301)
436931.34 3712111.22 23.13011 (20091402) 436908.60
3712109.81 23.42534 (20091402)
436885.87 3712108.40 23.75360 (21121219) 436863.13
3712106.99 23.64451 (19052823)
436840.40 3712105.58 24.26809 (19120806) 436726.73
3712098.52 22.14711 (17102803)
436703.99 3712097.10 22.16736 (19070105) 436681.26
3712095.69 23.07274 (18101320)
436658.52 3712094.28 23.07884 (18101320) 436635.79
3712092.87 22.45217 (19071305)
436613.05 3712091.46 21.82466 (19071305) 436590.32
3712090.05 20.98401 (21060824)
436476.64 3712082.99 21.01457 (20101803) 436436.60
3712066.77 20.01961 (19082401)
436298.14 3711948.30 24.22932 (21111806) 436280.83
3711933.49 24.95239 (21111806)
436263.52 3711918.68 24.90696 (21111806) 436246.21

3711903.87   24.22679 (21111806)
        436228.91   3711889.06   22.82798 (21111806)   436211.60
3711874.26   24.15242 (19120804)
        436194.29   3711859.45   25.36423 (19120804)   436176.98
3711844.64   26.01637 (19120804)
        436159.67   3711829.83   25.89821 (19120804)   436142.37
3711815.02   25.14803 (19120804)
        436125.06   3711800.21   23.80515 (19120804)   436107.75
3711785.41   21.98792 (19120804)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437343.73   3712231.85       26.56576  (19110724)               437298.49
3712229.04       27.88602  (19082902)
        437275.87   3712227.64       27.72835  (19082902)               437253.25
3712226.23       27.96967  (20081206)
        437230.64   3712224.83       29.42208  (20081206)               437208.02
3712223.42       30.12568  (20081206)
        437185.40   3712222.02       30.66193  (21091105)               437162.78
3712220.61       31.36111  (20121401)
        437140.16   3712219.21       31.07866  (20121401)               437117.54
3712217.80       29.65661  (20121401)
        437094.92   3712216.40       28.89002  (21082303)               437072.31
3712214.99       29.56873  (19021501)
        437049.69   3712213.59       30.06859  (19021501)               437004.45
3712210.78       25.83454  (19021501)
        436959.21   3712207.97       22.44737  (18061301)               436936.59
3712206.57       21.99122  (18061301)
        436913.98   3712205.16       21.52924  (20091402)               436891.36
3712203.76       21.61851  (21121219)
        436868.74   3712202.35       21.90096  (21121219)               436846.12
3712200.95       21.81042  (19052823)
        436823.50   3712199.54       22.43462  (19120806)               436710.41
3712192.52       20.58152  (20120702)
        436687.79   3712191.11       20.38192  (19070105)               436665.17
3712189.71       21.28831  (18101320)
        436642.55   3712188.31       21.55361  (18101320)               436619.93
3712186.90       21.01370  (18101320)
        436597.31   3712185.50       20.79619  (19071305)               436574.70
3712184.09       20.05350  (19071305)
        436552.08   3712182.69       19.58161  (21060824)               436529.46
3712181.28       19.70229  (17100222)
        436506.84   3712179.88       19.83271  (17100222)               436484.22
3712178.47       19.61656  (20092306)
        436461.60   3712177.07       19.77628  (20101803)               436438.98
3712175.66       19.71638  (20101803)
        436399.15   3712159.53       18.93827  (19082401)               436381.93
3712144.79       18.10327  (19082401)
        436364.71   3712130.06       17.30687  (20070405)               436347.49
3712115.33       18.64422  (20070405)
        436330.27   3712100.59       19.53014  (20070405)               436313.05
3712085.86       19.89464  (20070405)
        436295.83   3712071.13       19.99941  (20051605)               436278.61
3712056.40       19.81905  (20051605)
        436261.39   3712041.66       19.52783  (21111806)               436244.17
3712026.93       20.12079  (21111806)
        436226.95   3712012.20       20.02816  (21111806)               436209.73
3711997.46       19.38607  (21111806)
        436192.51   3711982.73       18.62279  (20092402)               436175.29
3711968.00       17.99448  (20092402)
        436158.07   3711953.27       17.92362  (19120804)               436140.85
3711938.53       19.43185  (19120804)
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        436123.63   3711923.80       20.97313  (19120804)                436106.41
3711909.07       22.26436  (19120804)
        436089.19   3711894.33       22.37221  (19120804)                436071.97
3711879.60       21.46980  (19120804)
        436054.75   3711864.87       20.05022  (19120804)                436037.53
3711850.14       18.98710  (21090701)
        436020.31   3711835.40       20.83992  (21090701)                436003.09
3711820.67       22.45992  (21090701)
        435985.87   3711805.94       23.18848  (21090701)                435968.65
3711791.20       23.40246  (21090701)
        435951.43   3711776.47       22.99443  (21090701)                435934.21
3711761.74       23.41254  (21031805)
        435916.99   3711747.01       23.35942  (21031805)                435899.77
3711732.27       22.74679  (21031805)
        435882.55   3711717.54       23.58710  (20091403)                435865.34
3711702.81       24.23703  (20091403)
        435727.58   3711584.95       20.90437  (20050502)                435710.36
3711570.21       21.26481  (20050502)
♠ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436970.60   3710769.10       95.33766  (19121220)                436955.72
3710755.71       95.26961  (21021007)
        436964.65   3710655.98       98.46521  (21021003)                437021.21
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3710584.54       97.72685  (21092804)
        437018.23   3710502.68      118.80053  (21122423)                437036.09
3710435.70      124.85345  (21122423)
        437094.14   3710349.37      112.74712  (19010716)                437061.39
3710282.39       60.11234  (18012717)
        437037.58   3710213.93       72.24689  (20122921)                437036.09
3710167.79       67.38641  (17122719)
        437070.32   3710115.69       30.00017  (18012717)                437123.91
3710072.53       25.89265  (17022717)
        437222.14   3710135.04       42.24595  (17022717)                437186.42
3710196.07       66.59728  (17022717)
        437176.00   3710245.18       93.54774  (17022717)                437195.35
3710271.98       99.72454  (17022717)
        437262.33   3710316.63      117.79991  (20090918)                437296.56
3710364.26       98.46926  (20041418)
        437295.07   3710425.28      101.21034  (21101617)                437305.49
3710466.96      122.35507  (21101617)
        437274.24   3710557.75      153.49339  (21101617)                437244.47
3710642.59      209.76164  (21101617)
        437260.84   3710791.43      142.12800  (17070719)                437210.23
3710813.76      158.77154  (20022307)
        437162.60   3710772.08      464.51489  (19021217)                437001.86
3710778.03       90.17617  (17091907)
        436979.53   3710783.99       78.18313  (19121220)

 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437003.71	3710828.00	285.31096	(19021217)	437026.67	3710827.15	305.24031	(19021217)
437049.64	3710826.30	298.25376	(19021217)	437072.60	3710825.45	271.66437	(19021217)
437095.56	3710824.60	226.49646	(19021217)	437118.52	3710823.75	189.59191	(17022801)
437141.49	3710822.90	189.69260	(20022307)	437164.45	3710822.05	174.88280	(21021920)
437005.56	3710877.96	194.68854	(19021217)	437028.52	3710877.11	198.38012	(19021217)
437051.48	3710876.26	186.17141	(19021217)	437074.45	3710875.41	160.81337	(19021217)
437097.41	3710874.56	152.86303	(20122620)	437120.37	3710873.71	146.76591	(20122620)
437143.34	3710872.86	145.84680	(20022307)	437166.30	3710872.01	140.60458	(20022307)
437007.41	3710927.93	161.29635	(19120806)	437030.37	3710927.08	138.95014	(19091402)
437053.33	3710926.23	121.67127	(19021217)	437076.30	3710925.38	118.15544	(19121219)
437099.26	3710924.53	122.01722	(20122620)	437122.22	3710923.68	118.65946	(20122620)
437145.19	3710922.83	113.66581	(20101722)	437168.15	3710921.98	114.90027	(20022307)
437009.26	3710977.89	147.34443	(19120806)	437032.22	3710977.04	135.97751	(21121219)
437055.18	3710976.19	92.03281	(21090723)	437078.15	3710975.34	96.94281	(19121219)
437101.11	3710974.49	99.71898	(20122620)	437124.07	3710973.64	98.32572	(20122620)
437147.04	3710972.79	92.46741	(20101722)	437170.00	3710971.94	93.35661	(20022307)
437011.11	3711027.86	127.50586	(19120806)	437034.07	3711027.01	117.88810	(20050503)
437057.03	3711026.16	79.11150	(21090723)	437080.00	3711025.31	81.09996	(19121219)
437102.96	3711024.46	83.06669	(20122620)	437125.92	3711023.61	82.88631	(20122620)
437148.88	3711022.76	77.82020	(20122620)	437171.85	3711021.91	77.00373	(20101722)
437012.96	3711077.82	111.51452	(18061301)	437035.92	3711076.97	114.05056	(19021501)
437058.88	3711076.12	108.96161	(19092301)	437081.85	3711075.27	100.39930	(17010717)
437104.81	3711074.42	70.16258	(20122620)	437127.77	3711073.57	70.84159	(20122620)

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        437150.73   3711072.72       67.68714  (20122620)                437173.70
3711071.87       65.35107  (20101722)
        437014.81   3711127.79      100.14422  (19021501)                437037.77
3711126.94      106.92273  (19021501)
        437060.73   3711126.09      108.09446  (20121401)                437083.70
3711125.24      102.23332  (20121401)
        437106.66   3711124.39       90.17039  (19120802)                437129.62
3711123.54       61.38415  (20122620)
        437152.58   3711122.69       59.62599  (20122620)                437175.55
3711121.84       55.94412  (20052322)
        437016.66   3711177.76       93.88185  (19021501)                437039.62
3711176.91       97.53935  (19021501)
        437062.58   3711176.06       99.23359  (20121401)                437085.54
3711175.21       95.20621  (20121401)
        437108.51   3711174.36       84.38639  (19120802)                437131.47
3711173.51       67.18861  (20122620)
        437154.43   3711172.66       52.82701  (20122620)                437177.40
3711171.81       49.70125  (20122620)
        437018.51   3711227.72       87.85844  (19021501)                437041.47
3711226.87       89.23315  (19021501)
        437064.43   3711226.02       91.20578  (20121401)                437087.39
3711225.17       90.08221  (20121401)
        437110.36   3711224.32       81.12667  (19072204)                437133.32
3711223.47       72.13959  (19120802)
        437156.28   3711222.62       47.22641  (20122620)                437179.25
3711221.77       45.04564  (20122620)
        437020.36   3711277.69       76.27889  (19021501)                437043.32
3711276.84       76.84756  (19021501)
        437066.28   3711275.99       82.84656  (20121401)                437089.24
3711275.14       81.78629  (20121401)
        437112.21   3711274.29       75.16072  (19082902)                437135.17
3711273.44       69.85907  (19120802)
        437158.13   3711272.59       42.47672  (20122620)                437181.10
3711271.74       40.97879  (20122620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
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L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	63.09414	(19021501)	437047.02	3711376.77	62.44221	(19092301)
437069.98	3711375.92	64.67518	(20121401)	437092.94	3711375.07	63.64287	(20121401)
437115.91	3711374.22	62.21271	(19072204)	437138.87	3711373.37	62.27252	(19120802)
437161.83	3711372.52	46.83829	(19120802)	437184.79	3711371.67	34.31582	(20122620)
437027.75	3711477.55	58.77059	(19021501)	437050.72	3711476.70	53.83266	(20121401)
437073.68	3711475.85	50.26031	(17010717)	437096.64	3711475.00	48.71066	(17010717)
437119.61	3711474.15	46.44855	(20092002)	437142.57	3711473.30	44.67282	(19120802)
437165.53	3711472.45	38.12621	(20122620)	437188.49	3711471.60	29.17044	(20122620)
437031.45	3711577.48	50.52322	(19021501)	437054.42	3711576.63	53.84904	(20121401)
437077.38	3711575.78	56.39414	(20121401)	437100.34	3711574.93	54.13359	(20121401)
437123.30	3711574.08	48.05723	(19072204)	437146.27	3711573.23	43.61988	(19120802)
437169.23	3711572.38	39.84433	(19120802)	437192.19	3711571.53	36.61000	(19120802)
437035.15	3711677.41	40.93804	(19021501)	437058.11	3711676.56	44.62432	(20121401)
437081.08	3711675.71	48.97682	(21091105)	437104.04	3711674.86	49.80316	(21091105)
437127.00	3711674.01	49.07569	(20081206)	437149.97	3711673.16	48.98060	(18052306)
437172.93	3711672.31	49.66897	(18052306)	437195.89	3711671.46	44.79183	(21020924)
437038.85	3711777.35	41.56052	(20121401)	437061.81	3711776.50	44.32095	(20121401)
437084.78	3711775.65	45.45365	(21091105)	437107.74	3711774.80	44.98821	(20081206)
437130.70	3711773.95	43.26256	(20081206)	437153.67			

3711773.10   41.84971 (19082902)
        437176.63   3711772.25   41.42464 (19110724)   437199.59
3711771.40   39.01863 (19120802)
        437042.55   3711877.28   40.39916 (20121401)   437065.51
3711876.43   41.49813 (20121401)
        437088.48   3711875.58   40.78180 (20121401)   437111.44
3711874.73   38.20447 (20121401)
        437134.40   3711873.88   35.51469 (19082904)   437157.36
3711873.03   34.01394 (19072204)
        437180.33   3711872.18   34.14283 (19120802)   437203.29
3711871.33   34.38047 (19120802)
        437046.25   3711977.21   36.55528 (20121401)   437069.21
3711976.36   37.73073 (20121401)
        437092.17   3711975.51   38.09236 (21091105)   437115.14
3711974.66   37.82906 (20081206)
        437138.10   3711973.81   35.84669 (20081206)   437161.06
3711972.96   33.18173 (19082902)
        437184.03   3711972.11   32.87370 (19082902)   437206.99
3711971.26   33.14338 (19120802)
        437049.95   3712077.14   32.28315 (20121401)   437072.91
3712076.29   33.79010 (20121401)
        437095.87   3712075.44   34.60647 (21091105)   437118.84
3712074.59   34.16409 (20081206)
        437141.80   3712073.74   34.13102 (20081206)   437164.76
3712072.89   32.89518 (20081206)
        437187.73   3712072.04   33.54404 (18052306)   437210.69
3712071.19   34.05570 (18052306)
        437053.65   3712177.07   30.78768 (20121401)   437076.61
3712176.22   31.68643 (20121401)
        437099.57   3712175.37   32.55052 (21091105)   437122.54
3712174.52   32.38267 (20081206)
        437145.50   3712173.67   32.02412 (20081206)   437168.46
3712172.82   30.66567 (20081206)
        437191.42   3712171.97   31.52048 (18052306)   437214.39
3712171.12   32.14980 (18052306)
        437057.35   3712277.00   29.21339 (20121401)   437080.31
3712276.15   29.74441 (21091105)
        437103.27   3712275.30   30.31736 (21091105)   437126.24
3712274.45   30.14111 (20081206)
        437149.20   3712273.60   29.85051 (20081206)   437172.16
3712272.75   28.63269 (20081206)
        437195.12   3712271.90   28.91895 (18052306)   437218.09
3712271.05   30.19524 (18052306)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***

INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437177.30	3710851.39	147.07862	(21021920)	437096.75	3710847.33	174.66473	(20122620)
437079.70	3710898.86	132.83293	(19121219)	437062.65	3710950.38	103.68033	(19121219)
437045.60	3711001.90	110.07760	(20092722)	436965.04	3710997.84	128.94722	(19071305)
436932.11	3711035.47	113.37836	(19071305)	436963.86	3711063.26	114.28896	(20120702)
436899.18	3711073.10	96.48492	(20101803)	436930.94	3711100.89	102.41037	(18101320)
436866.26	3711110.73	74.09916	(20101803)	436898.01	3711138.51	82.90642	(18101320)
436833.33	3711148.35	66.12239	(19082401)	436865.08	3711176.14	64.42342	(20101803)
436767.48	3711223.61	61.03209	(20070405)	436799.23	3711251.40	58.32907	(20101803)
436701.62	3711298.86	53.22081	(20051605)	436733.38	3711326.65	50.45157	(20070405)
436635.77	3711374.12	45.16675	(21120223)	436667.52	3711401.90	46.58054	(20070405)
436569.92	3711449.37	39.62390	(20092402)	436601.67	3711477.16	41.31798	(20051605)
436504.06	3711524.63	36.45972	(19041722)	436535.82	3711552.41	36.40884	(21120223)
436438.21	3711599.88	32.53176	(19041722)	436469.96	3711627.67	31.77071	(21120223)
436372.35	3711675.14	28.93238	(19041722)	436404.11	3711702.92	28.55836	(19041722)

```
        436306.50   3711750.39       27.00688  (21111806)                436338.25
3711778.18       29.66782  (21111806)
        436240.65   3711825.65       28.21607  (19120804)                436272.40
3711853.43       29.82629  (21111806)
        436174.79   3711900.90       24.76927  (19120804)                436206.55
3711928.69       23.68059  (21111806)
        437216.54   3710861.35      117.98152  (17070719)                437247.28
3710852.06      128.40442  (17070719)
        437281.02   3710837.18      130.50079  (17070719)                437236.73
3710907.09       93.42191  (18052223)
        437208.99   3710910.77      107.15044  (21021920)                437157.06
3710894.91      130.44836  (20022307)
        437267.47   3710897.81       92.36748  (17070719)                437301.21
3710882.92      103.17962  (17070719)
        437254.14   3710953.20       79.91695  (18052223)                437220.85
3710957.62       90.65136  (21021920)
        437157.12   3710947.88      102.26819  (20022307)                437287.65
3710943.55       85.33908  (19071602)
        437321.39   3710928.67       77.10576  (17070719)                437275.11
3710998.84       68.05780  (18052223)
        437243.41   3711003.05       76.03394  (21021920)                437211.71
3711007.26       80.23229  (20022307)
        437151.01   3710997.98       83.90402  (20101722)                437307.83
3710989.30       80.68221  (19071602)
        437341.57   3710974.41       57.52564  (19071602)                437293.81
3711044.79       59.74873  (21021920)
        437259.14   3711049.39       65.70294  (21021920)                437224.47
3711053.99       69.14507  (20022307)
        437140.74   3711046.14       74.91035  (20122620)                437328.02
3711035.04       56.72785  (18052223)
        437361.76   3711020.16       41.78262  (18071405)                437314.69
3711090.44       52.62631  (21021920)
        437281.40   3711094.86       57.03093  (21021920)                437248.12
3711099.27       59.64756  (20022307)
        437214.83   3711103.69       59.82377  (20022307)                437134.46
3711096.16       66.02402  (20122620)
        437043.12   3711053.68      111.98863  (20050503)                437348.20
3711080.79       46.62634  (18052223)
        437381.94   3711065.90       38.95486  (18071405)                437333.86
3711136.32       47.08365  (21021920)
        437298.56   3711141.00       50.29392  (21021920)                437263.26
3711145.69       52.63612  (20022307)
        437227.95   3711150.37       52.35212  (20022307)                437192.65
3711155.06       51.41633  (20101722)
        437141.20   3711152.23       56.51222  (20122620)                437028.18
3711099.68      111.10494  (19021501)
        437368.38   3711126.53       42.23348  (18052223)                437402.12
3711111.65       36.19389  (18071405)
        437354.63   3711181.99       42.23054  (21021920)                437320.49
3711186.52       44.63880  (21021920)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	45.98072	(20101722)	437118.57	3711194.65	81.57641	(19120802)
437024.88	3711151.08	100.12703	(19021501)	436993.66	3711136.56	94.40367	(19120806)
436962.43	3711122.04	100.08367	(20120702)	437388.57	3711172.28	38.38907	(18052223)
437422.31	3711157.39	33.59270	(18071405)	437374.05	3711227.83	38.28070	(21021920)
437338.39	3711232.57	40.02959	(21021920)	437302.72	3711237.30	41.82287	(20022307)
437267.06	3711242.03	42.07025	(20022307)	437231.40	3711246.76	41.21580	(20101722)
437195.73	3711251.50	40.76660	(20010918)	437125.93	3711251.01	76.12665	(19120802)
437028.06	3711205.50	92.41826	(19021501)	436995.44	3711190.33	86.24171	(18061301)
436962.82	3711175.16	87.17601	(20120702)	436930.20	3711159.99	87.28885	(18101320)
437408.75	3711218.02	35.02583	(18052223)	437442.49			

3711203.14 33.31012 (20082924)
437394.73 3711273.51 34.80784 (21021920) 437360.06
3711278.11 36.49672 (21021920)
437325.38 3711282.71 37.53073 (20022307) 437290.71
3711287.32 38.20238 (20022307)
437256.04 3711291.92 37.11252 (20101722) 437221.37
3711296.52 36.61921 (20101722)
437186.69 3711301.12 38.44022 (20122620) 437152.02
3711305.72 51.74229 (19120802)
437118.83 3711300.65 70.01858 (19120802) 437007.82
3711249.03 81.69421 (19021501)
436976.11 3711234.28 79.11392 (19120806) 436944.39
3711219.53 77.37442 (20120702)
436912.68 3711204.78 75.47332 (18101320) 437428.94
3711263.77 33.65577 (18052223)
437462.68 3711248.88 44.79326 (19040621) 437434.91
3711365.03 43.20624 (20050801)
437399.88 3711369.68 39.34402 (20100624) 437364.84
3711374.33 34.03031 (20022307)
437329.80 3711378.98 31.82055 (20022307) 437294.76
3711383.62 30.68673 (20022307)
437259.73 3711388.27 30.84863 (20101722) 437224.69
3711392.92 30.62238 (20010918)
437189.65 3711397.57 32.68052 (20122620) 437154.61
3711402.22 52.90039 (19120802)
437103.55 3711399.42 60.12681 (19082904) 437007.40
3711354.71 67.47200 (19021501)
436975.35 3711339.81 68.40623 (18061301) 436943.30
3711324.90 64.57574 (19120806)
436911.25 3711310.00 59.50218 (20120702) 436879.21
3711295.10 58.38374 (18101320)
436847.16 3711280.19 56.74295 (19071305) 437469.30
3711355.26 48.12365 (19040621)
437503.04 3711340.37 48.58417 (19040621) 437475.15
3711456.54 42.10700 (20050801)
437439.85 3711461.22 38.01584 (20100624) 437404.54
3711465.90 39.02058 (20100624)
437369.24 3711470.59 31.33100 (20022307) 437333.94
3711475.27 26.36917 (20022307)
437298.63 3711479.96 26.30489 (20101722) 437263.33
3711484.64 25.72779 (20052322)
437228.03 3711489.33 26.55666 (20122620) 437192.72
3711494.01 28.07567 (20122620)
437157.42 3711498.70 37.22909 (19120802) 437122.12
3711503.38 43.90378 (20092002)
437088.32 3711498.22 47.41118 (17010717) 437007.59
3711460.67 61.19524 (19021501)
436975.30 3711445.66 59.28188 (18061301) 436943.00
3711430.64 47.77154 (19120806)
436910.71 3711415.63 49.06396 (19120806) 436878.42

3711400.61   50.07524 (20120702)
        436846.13   3711385.59   49.68290 (18101320)   436813.84
3711370.58   50.06269 (19071305)
        436781.55   3711355.56   50.82979 (20101803)   437509.67
3711446.75   48.09356 (19040621)
        437543.41   3711431.86   47.08692 (17072004)   437515.41
3711548.04   38.07193 (19040621)
        437479.91   3711552.75   36.74025 (20100624)   437444.40
3711557.46   35.93473 (20100624)
        437408.90   3711562.17   38.00537 (21021002)   437373.39
3711566.88   25.80075 (20102819)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437337.89   3711571.60   22.66006 (20101722)   437302.38
3711576.31   23.06319 (20101722)
        437266.88   3711581.02   33.00860 (17022801)   437231.38
3711585.73   33.41356 (19091403)
        437160.37   3711595.15   43.78364 (19120802)   437124.86
3711599.86   48.35778 (19072204)
        437008.16   3711566.82   50.39553 (19021501)   436975.69
3711551.72   45.13367 (19021501)
        436943.21   3711536.62   42.82558 (18061301)   436910.73
3711521.51   43.38445 (19120806)

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        436878.26   3711506.41       43.97351  (20120702)                436845.78
3711491.31       43.53275  (20120702)
        436813.31   3711476.21       43.71631  (18101320)                436780.83
3711461.10       44.52549  (19071305)
        436748.35   3711446.00       44.59506  (20101803)                436715.88
3711430.90       45.40506  (20101803)
        437550.04   3711538.24       43.93431  (19040621)                437583.78
3711523.35       43.84986  (17072004)
        437555.70   3711639.54       35.79625  (19040621)                437520.04
3711644.27       32.66799  (20100624)
        437484.38   3711649.00       32.93729  (20100624)                437448.71
3711653.74       34.42571  (21021002)
        437413.05   3711658.47       29.40128  (21021002)                437377.39
3711663.20       20.26536  (20101722)
        437341.72   3711667.93       19.88350  (20101722)                437306.06
3711672.67       23.71698  (17022801)
        437270.39   3711677.40       30.41765  (17022801)                437234.73
3711682.13       33.97349  (21020924)
        437109.91   3711698.70       48.47889  (20081206)                437009.00
3711673.09       42.22530  (19021501)
        436976.38   3711657.92       39.30949  (19021501)                436943.76
3711642.75       37.05742  (18061301)
        436911.14   3711627.58       36.13324  (21121219)                436878.52
3711612.41       38.86040  (19120806)
        436845.90   3711597.24       39.91889  (20120702)                436813.27
3711582.07       38.31602  (20120702)
        436780.65   3711566.90       39.97810  (19071305)                436748.03
3711551.73       40.27407  (19071305)
        436715.41   3711536.56       40.01247  (17100222)                436682.79
3711521.39       41.21409  (20101803)
        436650.17   3711506.22       38.27944  (19082401)                437590.40
3711629.73       40.33419  (17072004)
        437624.14   3711614.84       37.53590  (17072004)                437596.01
3711731.04       34.41173  (17093002)
        437560.21   3711735.79       32.58526  (17093002)                437524.42
3711740.54       30.65779  (20100624)
        437488.63   3711745.29       31.83382  (21021002)                437452.84
3711750.04       31.66616  (21021002)
        437417.05   3711754.79       25.18916  (20102819)                437381.26
3711759.54       18.33213  (20101722)
        437345.47   3711764.28       17.37843  (20101722)                437309.68
3711769.03       24.72210  (17022801)
        437273.88   3711773.78       25.62496  (19091403)                437238.09
3711778.53       28.51755  (21020924)
        437094.93   3711797.53       44.11936  (20121401)                437010.03
3711779.44       41.55310  (19021501)
        436977.29   3711764.22       37.27886  (19021501)                436944.55
3711749.00       33.65166  (18061301)
        436911.81   3711733.77       32.10200  (18061301)                436879.08
3711718.55       33.25935  (19052823)
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        436846.34   3711703.32       35.61828  (19120806)                436813.60
3711688.10       36.54467  (20120702)
        436780.86   3711672.88       35.23070  (19070105)                436748.12
3711657.65       36.44878  (19071305)
        436715.38   3711642.43       36.15895  (19071305)                436682.65
3711627.20       36.29465  (17100222)
        436649.91   3711611.98       37.31290  (20101803)                436617.17
3711596.76       35.61350  (19082401)
        436584.43   3711581.53       36.35239  (20070405)                437630.77
3711721.22       35.00670  (17072004)
        437664.51   3711706.33       35.15261  (17072004)                437636.32
3711822.54       31.75109  (17093002)
        437600.42   3711827.30       31.26206  (17093002)                437564.53
3711832.06       30.86343  (17093002)
        437528.63   3711836.83       31.07895  (20012324)                437492.73
3711841.59       30.40643  (21021002)
        437456.84   3711846.35       27.73048  (20092405)                437420.94
3711851.12       22.84128  (17102724)
        437385.04   3711855.88       19.67931  (17102724)                437349.15
3711860.64       18.01730  (17022801)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437313.25   3711865.41       23.47391  (17022801)                437277.35
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3711870.17 24.12964 (19091403)
  437241.46 3711874.93 30.81204 (21020924) 437061.98
3711898.75 40.82003 (20121401)
  437011.19 3711885.86 39.05219 (19021501) 436978.36
3711870.59 38.74569 (19021501)
  436945.52 3711855.33 34.26050 (19021501) 436912.69
3711840.06 30.41283 (18061301)
  436879.85 3711824.79 30.09663 (21121219) 436847.02
3711809.52 31.95113 (19120806)
  436814.18 3711794.25 32.19108 (19120806) 436781.35
3711778.98 32.74387 (20120702)
  436748.52 3711763.71 31.79755 (19070105) 436715.68
3711748.44 32.66785 (19071305)
  436682.85 3711733.17 32.44611 (19071305) 436650.01
3711717.91 32.94459 (17100222)
  436617.18 3711702.64 33.73349 (20101803) 436584.34
3711687.37 32.91500 (19082401)
  436551.51 3711672.10 31.67985 (20070405) 436518.67
3711656.83 33.29833 (20070405)
  437671.14 3711812.71 32.34217 (17072004) 437704.88
3711797.82 33.09390 (17072004)
  437676.64 3711914.03 26.52276 (17093002) 437640.66
3711918.81 28.13994 (17093002)
  437604.67 3711923.58 28.65099 (17093002) 437568.69
3711928.36 28.58867 (20012324)
  437532.70 3711933.13 28.18555 (21021002) 437496.72
3711937.91 27.54714 (20092405)
  437460.73 3711942.68 25.23639 (20092222) 437424.75
3711947.46 22.38238 (17102724)
  437388.77 3711952.23 20.32467 (17022801) 437352.78
3711957.01 22.50594 (17022801)
  437316.80 3711961.78 24.57809 (17022801) 437280.81
3711966.56 31.01682 (19011723)
  437244.83 3711971.33 34.26576 (21020924) 437012.46
3711992.33 33.81211 (19021501)
  436979.54 3711977.02 34.51482 (19021501) 436946.63
3711961.72 31.62970 (19021501)
  436913.71 3711946.41 28.53600 (18061301) 436880.80
3711931.11 27.31763 (18061301)
  436847.88 3711915.80 27.42451 (21121219) 436814.97
3711900.49 29.41821 (19120806)
  436782.05 3711885.19 29.64736 (20120702) 436749.14
3711869.88 29.29620 (20120702)
  436716.22 3711854.57 29.03465 (19070105) 436683.31
3711839.27 29.75644 (19071305)
  436650.39 3711823.96 29.33913 (19071305) 436617.48
3711808.65 29.60422 (17100222)
  436584.56 3711793.35 30.20434 (20101803) 436551.65
3711778.04 29.88612 (19082401)
  436518.73 3711762.74 27.45925 (19082401) 436485.81

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3711747.43       29.89048  (20070405)
        436452.90   3711732.12       29.91169  (20051605)                437711.51
3711904.20       30.09753  (17072004)
        437745.25   3711889.31       31.12516  (17072004)                437716.97
3712005.53       23.86145  (17093002)
        437680.91   3712010.31       25.43544  (17093002)                437644.85
3712015.10       25.97555  (17093002)
        437608.79   3712019.88       26.49589  (20012324)                437572.73
3712024.67       25.03000  (21021002)
        437536.67   3712029.45       25.74488  (21021002)                437500.61
3712034.24       25.67037  (20092222)
        437464.55   3712039.02       22.58280  (20092222)                437428.50
3712043.81       21.19632  (20051305)
        437392.44   3712048.59       20.56321  (17022801)                437356.38
3712053.38       20.54428  (17022801)
        437320.32   3712058.16       25.28882  (19011723)                437284.26
3712062.95       32.06666  (19011723)
        437248.20   3712067.73       33.95737  (18120724)                437031.84
3712096.44       29.36494  (20121401)
        436997.32   3712091.17       28.11051  (19021501)                436964.33
3712075.83       26.95119  (19021501)
        436931.35   3712060.49       25.08402  (20050503)                436898.36
3712045.15       25.77662  (18061301)
        436865.38   3712029.81       25.08279  (20091402)                436832.40
3712014.48       25.80137  (21121219)
        436799.41   3711999.14       26.92985  (19120806)                436766.43
3711983.80       26.76896  (20120702)
        436733.45   3711968.46       27.26166  (20120702)                436700.46
3711953.12       26.09500  (17102803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436667.48	3711937.78	26.62236	(18101320)	436634.49	3711922.45	27.40214	(19071305)
436601.51	3711907.11	26.12782	(21060824)	436568.53	3711891.77	26.70658	(17100222)
436535.54	3711876.43	27.58180	(20101803)	436502.56	3711861.09	26.70345	(19082401)
436469.57	3711845.76	25.91206	(20070405)	436436.59	3711830.42	28.38188	(20070405)
436403.61	3711815.08	28.99499	(20051605)	436370.62	3711799.74	29.22476	(21111806)
437751.87	3711995.69	25.15608	(19040621)	437785.61	3711980.81	29.31099	(17072004)
437757.31	3712097.02	21.62871	(17093002)	437721.18	3712101.82	22.28037	(17093002)
437685.06	3712106.61	22.02815	(17093002)	437648.94	3712111.40	21.46979	(20012324)
437612.81	3712116.20	21.34245	(21021002)	437576.69	3712120.99	21.21543	(21021002)
437540.56	3712125.78	23.28561	(20092405)	437504.44	3712130.58	22.69859	(20092222)
437468.31	3712135.37	20.40237	(19100804)	437432.19	3712140.16	20.37597	(19092304)
437396.07	3712144.96	20.02737	(17022801)	437359.94	3712149.75	23.09329	(21051801)
437323.82	3712154.55	28.91318	(19011723)	437287.69	3712159.34	29.75100	(19011723)
437251.57	3712164.13	30.70437	(18120724)	437034.82	3712192.89	28.96939	(20121401)
436982.18	3712190.00	25.42355	(19021501)	436949.13	3712174.64	23.97897	(19021501)
436916.09	3712159.27	23.34763	(20050503)	436883.05	3712143.91	23.71301	(18061301)
436850.01	3712128.54	23.16891	(20091402)	436816.96	3712113.18	23.80492	(21121219)
436783.92	3712097.81	24.67289	(19120806)	436750.88	3712082.45	24.59015	(19120806)
436717.83	3712067.08	25.33125	(20120702)	436684.79	3712051.71	23.81896	(17102803)
436651.75	3712036.35	25.06420	(18101320)	436618.71	3712020.98	25.50910	(18101320)
436585.66	3712005.62	24.63615	(19071305)	436552.62	3711990.25	24.37398	(17100222)

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        436519.58   3711974.89       25.69964  (20101803)               436486.53
3711959.52       27.24234  (20101803)
        436453.49   3711944.15       26.31582  (19082401)               436420.45
3711928.79       27.76702  (20070405)
        436387.41   3711913.42       29.81923  (20070405)               436354.36
3711898.06       29.73257  (20051605)
        436321.32   3711882.69       29.72104  (21111806)               437792.24
3712087.18       23.32337  (19040621)
        437825.98   3712072.30       26.48971  (17072004)               437797.65
3712188.52       21.03764  (17093002)
        437761.47   3712193.32       21.55754  (17093002)               437725.29
3712198.12       20.83279  (17093002)
        437689.11   3712202.92       20.78322  (20012324)               437652.93
3712207.72       20.84519  (21021002)
        437616.75   3712212.52       20.97203  (21021002)               437580.57
3712217.32       20.78990  (20092405)
        437544.38   3712222.12       23.00064  (20092222)               437508.20
3712226.92       21.68313  (19102119)
        437472.02   3712231.73       20.47709  (19102119)               437435.84
3712236.53       20.70127  (19092304)
        437399.66   3712241.33       19.24437  (17022801)               437363.48
3712246.13       23.61452  (20091506)
        437327.30   3712250.93       28.58703  (19011723)               437291.12
3712255.73       29.39933  (18120724)
        437254.94   3712260.53       30.38036  (18052306)               437037.86
3712289.34       27.52763  (20121401)
        437001.68   3712294.14       25.53272  (19021501)               436967.04
3712288.84       25.56576  (19021501)
        436933.95   3712273.46       23.73297  (19021501)               436900.85
3712258.07       21.50444  (18061301)
        436867.76   3712242.68       21.88563  (18061301)               436834.67
3712227.29       21.10382  (20091402)
        436801.57   3712211.90       21.78297  (21121219)               436768.48
3712196.51       22.67832  (19120806)
        436735.38   3712181.12       23.00012  (19120806)               436702.29
3712165.73       23.59596  (20120702)
        436669.19   3712150.34       22.64566  (20120702)               436636.10
3712134.95       22.53196  (18101320)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        07:59:17

                                   PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
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                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436603.01   3712119.56       23.69706  (18101320)               436569.91
3712104.17       23.40907  (19071305)
        436536.82   3712088.78       22.32509  (21060824)               436503.72
3712073.39       22.88620  (17100222)
        436470.63   3712058.00       23.42597  (20101803)               436437.54
3712042.61       23.21010  (20101803)
        436404.44   3712027.22       22.17986  (19082401)               436371.35
3712011.83       22.84643  (20070405)
        436338.25   3711996.44       24.67053  (20070405)               436305.16
3711981.05       25.45422  (20051605)
        436272.06   3711965.67       25.76543  (21111806)               436238.97
3711950.28       25.62916  (21111806)
        437832.61   3712178.67       21.40396  (21081405)               437866.35
3712163.79       24.39082  (17072004)
        437307.35   3710801.18      117.14931  (19040418)               437307.81
3710761.16      126.55129  (19040418)
        437305.08   3710736.35      132.61739  (21101617)               437302.36
3710711.54      147.51831  (21101617)
        437299.63   3710686.74      149.63522  (21101617)               437296.90
3710661.93      139.67577  (21101617)
        437294.17   3710637.12      119.10103  (21101617)               437355.99
3710800.79       97.35014  (19040418)
        437332.06   3710855.22       94.46384  (17070719)               437357.51
3710755.69       95.55583  (19021521)
        437354.78   3710730.88      105.95692  (21101617)               437352.06
3710706.08      112.96921  (21101617)
        437349.33   3710681.27      110.88972  (21101617)               437346.60
3710656.46      101.98525  (18122507)
        437343.87   3710631.66       94.32322  (19012102)               437405.16
3710797.86       89.26042  (18021903)
        437400.37   3710820.68       88.89075  (17122019)               437395.58
3710843.51       87.09166  (18021904)
        437373.45   3710881.92       74.55260  (17070719)               437356.09
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3710897.50       80.80268  (17070719)
        437338.74   3710913.08       81.82961  (17070719)                437409.94
3710775.03       88.17193  (17022318)
        437407.21   3710750.22       89.34775  (21010117)                437404.48
3710725.42       88.82211  (19012101)
        437401.76   3710700.61       89.37715  (18122506)                437399.03
3710675.80       92.64074  (18122503)
        437396.30   3710651.00       89.32405  (19022103)                437393.57
3710626.19       87.07134  (19012024)
        437454.54   3710793.91       77.35531  (17022318)                437449.43
3710818.26       79.41295  (17120317)
        437444.33   3710842.61       78.46410  (17122019)                437439.22
3710866.96       76.83614  (18022222)
        437415.61   3710907.92       70.05723  (18021904)                437397.10
3710924.55       66.47085  (17070719)
        437378.59   3710941.17       67.50638  (17070719)                437360.08
3710957.79       63.27994  (17070719)
        437459.64   3710769.57       76.85828  (21010117)                437456.91
3710744.76       75.52846  (17121917)
        437454.18   3710719.95       76.19398  (17121917)                437451.46
3710695.15       75.88808  (17021619)
        437448.73   3710670.34       77.08517  (18122503)                437446.00
3710645.53       75.06944  (18031507)
        437443.27   3710620.73       77.92532  (20122117)                437504.78
3710785.84       70.46376  (21010117)
        437495.67   3710829.32       69.77101  (17120317)                437486.55
3710872.79       69.69736  (17122019)
        437460.91   3710931.11       65.16014  (18021904)                437427.86
3710960.79       57.58438  (19120917)
        437394.81   3710990.47       53.42095  (17070719)                437506.61
3710739.29       71.88400  (19012101)
        437503.88   3710714.49       71.08508  (18122506)                437501.16
3710689.68       73.05828  (18122503)
        437498.43   3710664.87       72.97605  (18122503)                437495.70
3710640.07       70.78206  (18120117)
        437492.97   3710615.26       70.83827  (18021618)                437554.26
3710781.46       66.38930  (20020818)
        437549.47   3710804.28       65.37499  (17022318)                437544.69
3710827.11       64.99291  (19122417)
        437539.90   3710849.94       65.51275  (17120317)                437535.11
3710872.76       63.41603  (17120317)
        437530.33   3710895.59       63.79918  (17122019)                437525.54
3710918.41       63.12764  (18022222)
        437503.41   3710956.82       59.88530  (18022222)                437486.05
3710972.40       57.19061  (18122117)
        437468.70   3710987.99       56.97334  (17021119)                437451.35
3711003.57       56.66037  (17021119)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437434.00	3711019.15	52.04293	(17010919)	437416.65	3711034.74	42.10703	(17070719)
437399.29	3711050.32	42.55319	(19071602)	437559.04	3710758.63	65.84034	(19012101)
437556.31	3710733.83	67.67221	(19012101)	437553.59	3710709.02	67.71966	(18122506)
437550.86	3710684.21	67.56611	(18122507)	437548.13	3710659.41	66.20670	(18122503)
437545.40	3710634.60	64.52851	(19022103)	437542.67	3710609.79	62.21314	(19022103)
437603.78	3710776.84	61.30212	(20020818)	437598.82	3710800.51	60.83728	(18021902)
437593.85	3710824.18	60.62262	(17022318)	437588.89	3710847.85	60.77928	(19122417)
437583.93	3710871.52	60.86043	(18021903)	437578.97	3710895.19	59.93614	(17122019)
437574.00	3710918.86	59.73071	(17122019)	437569.04	3710942.54	58.58374	(18022222)
437546.08	3710982.37	53.97254	(18022222)	437528.09	3710998.53	54.16250	(18122117)
437510.09	3711014.69	54.87444	(18122117)	437492.10	3711030.85	54.21577	(17021119)
437474.10	3711047.01	54.13579	(17010218)	437456.11	3711063.17	49.84985	(17010919)

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        437438.11   3711079.33       38.83661  (17120520)               437420.12
3711095.49       42.30336  (19071602)
        437608.74   3710753.17       60.89693  (19012101)               437606.01
3710728.36       60.81167  (18020519)
        437603.29   3710703.55       61.33439  (18122506)               437600.56
3710678.75       61.60280  (18122507)
        437597.83   3710653.94       59.01750  (18122507)               437595.10
3710629.13       56.71796  (19022103)
        437592.37   3710604.33       50.59916  (19022103)               437653.34
3710772.05       49.25912  (20020818)
        437648.23   3710796.40       45.67217  (20020818)               437643.13
3710820.74       45.39206  (20020818)
        437638.02   3710845.09       49.95865  (19021521)               437632.92
3710869.44       54.37966  (18021903)
        437627.82   3710893.79       56.38802  (18021903)               437622.71
3710918.13       55.79853  (17122019)
        437617.61   3710942.48       55.27853  (17122019)               437612.50
3710966.83       54.35258  (18022222)
        437588.89   3711007.80       49.80428  (18022222)               437570.38
3711024.42       49.45204  (18122117)
        437551.87   3711041.04       50.27235  (18122117)               437533.36
3711057.66       49.83121  (17021119)
        437514.85   3711074.28       51.47051  (19122917)               437496.34
3711090.91       50.67912  (19122917)
        437477.84   3711107.53       49.40401  (18020618)               437459.33
3711124.15       41.06176  (20121907)
        437440.82   3711140.77       42.31948  (19071602)               437658.44
3710747.70       51.26019  (19012101)
        437655.71   3710722.89       53.92570  (18122506)               437652.99
3710698.09       55.15666  (18122507)
        437650.26   3710673.28       54.94883  (18122507)               437647.53
3710648.47       51.78816  (18122507)
        437644.80   3710623.67       46.61707  (19022103)               437642.07
3710598.86       40.62521  (19012102)
        437703.36   3710765.06       28.34112  (21101617)               437698.57
3710787.89       27.22523  (21101617)
        437693.79   3710810.71       27.77398  (19021718)               437689.00
3710833.54       32.10912  (19021718)
        437684.22   3710856.36       38.04609  (19021718)               437679.43
3710879.19       45.48942  (19021521)
        437674.64   3710902.01       49.96242  (18021903)               437669.86
3710924.84       50.91842  (18021903)
        437665.07   3710947.67       51.99048  (17122019)               437660.29
3710970.49       50.79727  (17122019)
        437655.50   3710993.32       50.44731  (18022222)               437633.36
3711031.73       46.50008  (18022222)
        437616.01   3711047.31       45.60491  (18022219)               437598.66
3711062.89       46.62002  (18122117)
        437581.31   3711078.47       45.96031  (20021618)               437563.96
3711094.06       46.45012  (19122917)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	28.63567	(21101617)	437705.41	3710717.43	28.70103	(21101617)
437702.69	3710692.62	27.85603	(21101617)	437699.96	3710667.81	28.42166	(18122507)
437697.23	3710643.01	27.36653	(18122507)	437694.50	3710618.20	20.96722	(18121016)
437691.77	3710593.39	21.02014	(18121016)	437752.93	3710760.18	25.04170	(21101617)
437748.03	3710783.59	24.40823	(21101617)	437743.12	3710807.00	23.12094	(21101617)
437738.21	3710830.41	25.59779	(19021718)	437733.30	3710853.82	27.21766	(19021718)
437728.39	3710877.23	28.18147	(19021718)	437723.49	3710900.65	30.75755	(19021718)
437718.58	3710924.06	33.77245	(19021521)	437713.67			

3710947.47 38.89593 (18021903)
437708.76 3710970.88 47.49736 (17122019) 437703.85
3710994.29 47.18279 (21121418)
437698.94 3711017.70 46.66474 (18022222) 437676.24
3711057.09 43.28767 (18041821)
437658.44 3711073.08 42.68558 (18022219) 437640.65
3711089.06 43.39833 (18122117)
437622.85 3711105.04 43.17139 (18122117) 437605.05
3711121.02 43.03238 (17012118)
437587.25 3711137.01 44.72380 (19122917) 437569.46
3711152.99 43.34804 (17010218)
437551.66 3711168.97 39.76201 (18020618) 437533.86
3711184.95 36.93772 (18121718)
437516.07 3711200.93 36.15156 (20121907) 437498.27
3711216.92 37.04086 (17072004)
437480.47 3711232.90 44.68548 (19040621) 437757.84
3710736.77 24.97326 (21101617)
437755.11 3710711.96 24.71155 (21101617) 437752.39
3710687.15 23.75637 (21101617)
437749.66 3710662.35 22.17439 (21101617) 437746.93
3710637.54 20.07964 (21101617)
437744.20 3710612.73 18.17179 (18121016) 437741.47
3710587.93 18.22938 (18121016)
437852.14 3710750.18 19.67771 (21101617) 437847.03
3710774.53 19.63765 (21101617)
437841.93 3710798.88 19.11228 (21101617) 437836.83
3710823.23 18.12715 (21101617)
437831.72 3710847.57 16.98359 (19021718) 437826.62
3710871.92 21.82238 (19021718)
437821.51 3710896.27 23.62259 (19021718) 437816.41
3710920.62 24.49281 (19021718)
437811.30 3710944.96 24.44489 (19021718) 437806.20
3710969.31 24.64720 (19021718)
437801.09 3710993.66 24.32530 (19022102) 437795.99
3711018.01 26.44678 (19022102)
437790.88 3711042.35 30.64393 (19022102) 437785.78
3711066.70 37.55405 (18021904)
437762.17 3711107.67 38.27555 (18041821) 437743.66
3711124.29 37.64789 (18022219)
437725.15 3711140.91 37.76972 (18122117) 437706.64
3711157.53 38.76595 (18122117)
437688.13 3711174.16 38.37579 (17021119) 437669.62
3711190.78 35.84486 (17021119)
437651.11 3711207.40 35.41874 (18011921) 437632.60
3711224.02 35.29876 (17010218)
437614.10 3711240.64 35.42007 (18020618) 437595.59
3711257.26 35.52563 (18021605)
437577.08 3711273.89 32.90398 (18021605) 437558.57
3711290.51 31.34523 (20121907)
437540.06 3711307.13 36.86597 (17072004) 437521.55

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        437887.17   3711046.30       21.98274  (19022102)                437882.20
3711069.97       22.74215  (19022102)
        437877.24   3711093.64       23.77314  (19022102)                437872.28
3711117.31       25.58649  (18021904)
        437849.32   3711157.14       33.37496  (18021904)                437831.33
3711173.30       33.10482  (18022219)
        437813.33   3711189.46       33.59623  (18022219)                437795.34
3711205.62       34.05022  (18122117)
        437777.34   3711221.78       34.00342  (18122117)                437759.35
3711237.94       34.21838  (17021119)
        437741.35   3711254.10       34.52970  (19122917)                437723.36
3711270.26       35.41446  (19122917)
        437705.36   3711286.42       34.88366  (19122917)                437687.37
3711302.58       33.82682  (20040220)
        437669.37   3711318.74       34.83985  (21123118)                437651.38
3711334.90       35.27199  (18021605)
        437633.38   3711351.06       35.42781  (18021605)                437615.39
3711367.22       35.12776  (21021319)
        437597.39   3711383.38       35.00172  (21021319)                437579.40
3711399.54       34.63613  (17072004)
        437561.40   3711415.70       41.59322  (17072004)                437956.64
3710714.90       15.05230  (21101617)
        437953.92   3710690.10       14.44159  (21101617)                437951.19
3710665.29       13.56745  (21101617)
        437948.46   3710640.48       12.48004  (21101617)                437945.73
3710615.68       11.23838  (21101617)
        437943.00   3710590.87       11.24476  (18121016)                437940.27
3710566.06       11.29075  (18121016)
        438050.94   3710728.32       12.55290  (21101617)                438045.84
3710752.67       12.93991  (21101617)
        438040.73   3710777.01       13.08893  (21101617)                438035.63
3710801.36       12.99765  (21101617)
        438030.52   3710825.71       12.67448  (21101617)                438025.42
3710850.06       12.12747  (21101617)
        438020.31   3710874.40       14.20629  (19021718)                438015.21
3710898.75       16.51782  (19021718)
        438010.10   3710923.10       17.96572  (19021718)                438005.00
3710947.45       19.24108  (19021718)
        437999.90   3710971.79       19.75503  (19021718)                437994.79
3710996.14       18.86742  (19021718)
        437989.69   3711020.49       18.85372  (19021718)                437984.58
3711044.84       18.55099  (19021718)
        437979.48   3711069.18       18.41183  (19022102)                437974.37
3711093.53       19.24922  (19022102)
        437969.27   3711117.88       19.92188  (19022102)                437964.16
3711142.23       19.94849  (19022102)
        437959.06   3711166.57       19.80548  (19022102)                437935.45
3711207.54       21.34150  (18021904)
        437916.94   3711224.16       25.21979  (18021904)                437898.43
3711240.79       27.59248  (17021107)
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        437879.92   3711257.41       30.88238  (18122117)                437861.41
3711274.03       30.99613  (18122117)
        437842.90   3711290.65       30.62880  (17012118)                437824.39
3711307.27       30.79469  (17012118)
        437805.88   3711323.89       31.56175  (19122917)                437787.37
3711340.52       31.89377  (19122917)
        437768.87   3711357.14       31.02200  (19122917)                437750.36
3711373.76       30.61196  (20040220)
        437731.85   3711390.38       31.45890  (21123118)                437713.34
3711407.00       31.69894  (18021605)
        437694.83   3711423.62       31.83633  (18021605)                437676.32
3711440.25       31.49966  (21021319)
        437657.81   3711456.87       32.04651  (21021319)                437639.30
3711473.49       31.45340  (21021319)
        437620.79   3711490.11       31.78650  (19012018)                437602.29
3711506.73       38.35998  (17072004)
        438056.04   3710703.97       11.95734  (21101617)                438053.32
3710679.16       11.36292  (21101617)
        438050.59   3710654.36       10.60268  (21101617)                438047.86
3710629.55        9.70760  (21101617)
        438045.13   3710604.74        9.00277  (19123016)                438042.40
3710579.94        9.18809  (18121016)
        438039.67   3710555.13        9.22691  (18121016)                438150.45
3710716.86       26.36797  (18122507)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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3710593.81   22.63385 (19022103)
        438141.80   3710569.00   18.55586 (19022103)   438139.08
3710544.20   16.76525 (19012102)
        438249.74   3710706.45   25.96430 (21090924)   438244.64
3710730.80   27.16810 (19021618)
        438239.53   3710755.15   28.15864 (19021618)   438234.43
3710779.50   28.21682 (18122506)
        438229.32   3710803.84   27.02814 (19012101)   438224.22
3710828.19   23.21126 (19012101)
        438219.11   3710852.54   18.05538 (17012018)   438214.01
3710876.89   9.07951 (17012018)
        438208.91   3710901.23   13.50358 (20020818)   438203.80
3710925.58   15.13233 (20020818)
        438198.70   3710949.93   15.40447 (20020818)   438193.59
3710974.28   16.38204 (19021718)
        438188.49   3710998.62   17.10601 (19021718)   438183.38
3711022.97   17.56833 (19021718)
        438178.28   3711047.32   17.38751 (19021718)   438173.17
3711071.67   16.89893 (19021718)
        438168.07   3711096.01   16.39468 (19021521)   438162.96
3711120.36   15.96552 (19021521)
        438157.86   3711144.71   16.09833 (17022218)   438152.76
3711169.06   17.02303 (18011920)
        438147.65   3711193.40   17.73649 (19022102)   438142.55
3711217.75   17.73534 (19022102)
        438137.44   3711242.10   17.45875 (19022102)   438132.34
3711266.45   17.17397 (18021904)
        438108.72   3711307.41   17.00352 (18021904)   438090.22
3711324.04   17.48346 (18021904)
        438071.71   3711340.66   18.14266 (18021904)   438053.20
3711357.28   18.12496 (18122502)
        438034.69   3711373.90   21.22818 (18122117)   438016.18
3711390.52   25.00868 (18122117)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009

, L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437997.67	3711407.14	25.72948	(17021119)	437979.16	3711423.77	25.69723	(17021119)
437960.65	3711440.39	25.77407	(19122917)	437942.14	3711457.01	26.58605	(19122917)
437923.64	3711473.63	26.61371	(19122917)	437905.13	3711490.25	25.83821	(19122917)
437886.62	3711506.87	25.47913	(20040220)	437868.11	3711523.50	26.06927	(21123118)
437849.60	3711540.12	26.22911	(21123118)	437831.09	3711556.74	26.62124	(18021605)
437812.58	3711573.36	26.48002	(18021605)	437794.07	3711589.98	26.15437	(21122720)
437775.56	3711606.60	26.63625	(21021319)	437757.06	3711623.23	26.37060	(21021319)
437738.55	3711639.85	26.07838	(19012018)	437720.04	3711656.47	26.44708	(19012018)
437701.53	3711673.09	30.38507	(17072004)	437683.02	3711689.71	33.44472	(17072004)
438254.85	3710682.11	24.75962	(18122503)	438252.12	3710657.30	23.90853	(18122503)
438249.39	3710632.49	23.88593	(18122504)	438246.66	3710607.69	24.54310	(18122504)
438243.93	3710582.88	25.17911	(18031507)	438241.20	3710558.07	25.80055	(18031507)
438238.48	3710533.27	25.70199	(20122117)	438349.23	3710695.09	22.37689	(18122503)
438344.22	3710719.00	21.99691	(17021619)	438339.21	3710742.91	22.19793	(19021618)
438334.19	3710766.82	23.46640	(19021618)	438329.18	3710790.74	24.71766	(21092420)
438324.17	3710814.65	26.16548	(17121917)	438319.15	3710838.56	26.94159	(19012101)
438314.14	3710862.47	25.73124	(19012101)	438309.13	3710886.39	24.11127	(20020818)
438304.11	3710910.30	22.85673	(20020818)	438299.10	3710934.21	18.20293	(20020818)
438294.09	3710958.13	12.10496	(19021718)	438289.07	3710982.04	12.69794	(19021718)

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        438284.06   3711005.95       14.81497  (19021718)                438279.05
3711029.86       16.06861  (19021718)
        438274.03   3711053.78       16.50341  (19021718)                438269.02
3711077.69       16.85860  (19021521)
        438264.01   3711101.60       17.17589  (19021521)                438258.99
3711125.51       17.05616  (19021521)
        438253.98   3711149.43       15.86107  (19021521)                438248.97
3711173.34       14.91195  (19021521)
        438243.95   3711197.25       16.14037  (18011920)                438238.94
3711221.17       17.19751  (18011920)
        438233.93   3711245.08       17.01781  (19022102)                438228.91
3711268.99       15.80255  (19022102)
        438223.90   3711292.90       14.99797  (19022102)                438218.89
3711316.82       15.50356  (18021904)
        438195.69   3711357.05       17.43920  (18021904)                438177.52
3711373.38       18.94445  (18021904)
        438159.34   3711389.70       19.93405  (21031521)                438141.16
3711406.03       21.29408  (17021107)
        438122.98   3711422.35       22.10405  (17021107)                438104.80
3711438.68       22.95740  (18122117)
        438086.62   3711455.00       23.26280  (18122117)                438068.45
3711471.33       23.51632  (17021119)
        438050.27   3711487.65       23.57059  (17021119)                438032.09
3711503.98       23.59718  (19122917)
        438013.91   3711520.30       24.39160  (19122917)                437995.73
3711536.63       24.52694  (19122917)
        437977.55   3711552.95       23.99494  (19122917)                437959.38
3711569.28       23.44952  (20101718)
        437941.20   3711585.60       23.59724  (21123118)                437923.02
3711601.93       24.02500  (21123118)
        437904.84   3711618.25       24.19822  (18021605)                437886.66
3711634.58       24.51901  (18021605)
        437868.48   3711650.90       24.20235  (18021605)                437850.31
3711667.23       24.07229  (21021319)
        437832.13   3711683.55       24.44769  (21021319)                437813.95
3711699.88       24.19235  (21021319)
        437795.77   3711716.20       23.73358  (19012018)                437777.59
3711732.53       24.15769  (19012018)
        437759.41   3711748.85       27.04709  (17072004)                437741.24
3711765.17       30.19048  (17072004)
        437723.06   3711781.50       32.27045  (17072004)                438354.25
3710671.17       23.00182  (18122503)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	23.22319	(19121517)	438348.79	3710621.56	23.94601	(18122504)
438346.06	3710596.75	24.15441	(18122504)	438343.33	3710571.95	24.67438	(18031507)
438340.61	3710547.14	25.06011	(18031507)	438337.88	3710522.33	24.90961	(20122117)
438448.54	3710684.59	23.87946	(18122503)	438443.44	3710708.94	22.62146	(21090924)
438438.33	3710733.28	21.64357	(17012318)	438433.23	3710757.63	20.89198	(19021618)
438428.12	3710781.98	20.45881	(19021618)	438423.02	3710806.33	20.50487	(21092420)
438417.92	3710830.67	21.39608	(17121917)	438412.81	3710855.02	23.40263	(17121917)
438407.71	3710879.37	24.50923	(17121917)	438402.60	3710903.72	23.73832	(17010518)
438397.50	3710928.06	24.41597	(20020818)	438392.39	3710952.41	24.65187	(20020818)
438387.29	3710976.76	23.70224	(18021902)	438382.18	3711001.11	20.34628	(18021902)
438377.08	3711025.45	12.06185	(19021718)	438371.97	3711049.80	13.33633	(19021718)
438366.87	3711074.15	14.61420	(19021718)	438361.77	3711098.50	14.70906	(19021718)
438356.66	3711122.84	14.48303	(19021521)	438351.56	3711147.19	15.93951	(19021521)
438346.45	3711171.54	16.25138	(19021521)	438341.35	3711195.89	14.94526	(19021521)
438336.24	3711220.23	13.88943	(18011920)	438331.14			

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3711244.58       14.23942  (18011920)
        438326.03   3711268.93       14.76837  (18011920)                438320.93
3711293.28       15.31077  (19022102)
        438315.83   3711317.62       15.95911  (19020522)                438310.72
3711341.97       16.52518  (18021904)
        438305.62   3711366.32       16.11951  (18021904)                438282.00
3711407.29       17.15949  (18021904)
        438263.49   3711423.91       18.69767  (18021904)                438244.98
3711440.53       18.93748  (21031521)
        438226.48   3711457.15       19.36416  (17021107)                438207.97
3711473.77       20.01748  (17021107)
        438189.46   3711490.40       20.55325  (18122117)                438170.95
3711507.02       21.32569  (18122117)
        438152.44   3711523.64       21.34197  (17021119)                438133.93
3711540.26       21.55650  (17021119)
        438115.42   3711556.88       21.35209  (17021119)                438096.91
3711573.50       21.83287  (19122917)
        438078.41   3711590.13       22.47933  (19122917)                438059.90
3711606.75       22.47842  (19122917)
        438041.39   3711623.37       21.95829  (17010218)                438022.88
3711639.99       21.55326  (20101718)
        438004.37   3711656.61       21.85951  (21123118)                437985.86
3711673.23       22.21063  (21123118)
        437967.35   3711689.86       22.36938  (18021605)                437948.84
3711706.48       22.67175  (18021605)
        437930.33   3711723.10       22.41191  (18021605)                437911.83
3711739.72       22.18606  (21122720)
        437893.32   3711756.34       22.53962  (21021319)                437874.81
3711772.96       22.43295  (21021319)
        437856.30   3711789.58       21.79716  (21021319)                437837.79
3711806.21       22.18150  (19012018)
        437819.28   3711822.83       23.39398  (17072004)                437800.77
3711839.45       26.65430  (17072004)
        437782.26   3711856.07       29.09939  (17072004)                437763.75
3711872.69       30.54272  (17072004)
        438453.65   3710660.24       24.21427  (18122503)                438450.92
3710635.43       23.47360  (18122503)
        438448.19   3710610.63       22.70330  (18122504)                438445.46
3710585.82       22.71957  (18120117)
        438442.73   3710561.01       22.91318  (18031507)                438440.01
3710536.21       23.04040  (18031507)
        438437.28   3710511.40       22.38448  (18031507)                438548.02
3710673.29       22.56687  (18122503)
        438542.99   3710697.27       22.46082  (18122503)                438537.97
3710721.24       21.82798  (17021619)
        438532.94   3710745.22       20.96019  (17012318)                438527.91
3710769.20       20.06159  (19021618)
        438522.88   3710793.18       19.13613  (19021618)                438517.86
3710817.16       18.85403  (21092420)
        438512.83   3710841.14       18.90145  (20042419)                438507.80
```

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438502.78	3710889.09	19.71189	(17121917)	438497.75	3710913.07	19.92760	(17010518)
438492.72	3710937.05	20.57796	(17010518)	438487.69	3710961.03	21.50176	(17010518)
438482.67	3710985.01	23.18300	(21010117)	438477.64	3711008.99	22.35603	(18021902)
438472.61	3711032.97	18.99920	(18021902)	438467.59	3711056.94	15.03479	(18021902)
438462.56	3711080.92	12.51908	(19021718)	438457.53	3711104.90	13.11743	(19021718)
438452.50	3711128.88	15.05986	(19021521)	438447.48	3711152.86	15.59633	(19021521)
438442.45	3711176.84	15.94240	(19021521)	438437.42	3711200.82	16.13315	(19021521)
438432.40	3711224.79	16.16416	(18021903)	438427.37	3711248.77	15.17742	(18021903)
438422.34	3711272.75	13.83991	(18011920)	438417.31	3711296.73	13.01866	(18011920)
438412.29	3711320.71	12.62432	(19022102)	438407.26	3711344.69	12.88365	(19022102)

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        438402.23   3711368.67       13.64051  (19022102)               438397.21
3711392.64       14.57494  (18021904)
        438392.18   3711416.62       15.02035  (18021904)               438368.92
3711456.97       15.01005  (18021904)
        438350.69   3711473.34       14.66184  (18021904)               438332.47
3711489.71       14.56756  (18021904)
        438314.24   3711506.08       14.74049  (18021904)               438296.01
3711522.45       16.85922  (17021107)
        438277.78   3711538.82       18.05121  (17021107)               438259.55
3711555.19       18.49162  (18122117)
        438241.32   3711571.56       18.77952  (18122117)               438223.09
3711587.93       19.05324  (17021119)
        438204.87   3711604.30       19.55001  (17021119)               438186.64
3711620.67       19.55263  (17021119)
        438168.41   3711637.04       20.13489  (19122917)               438150.18
3711653.41       20.85244  (19122917)
        438131.95   3711669.78       20.99801  (19122917)               438113.72
3711686.15       20.58023  (19122917)
        438095.50   3711702.52       20.25045  (20101718)               438077.27
3711718.89       20.32807  (20040220)
        438059.04   3711735.26       20.79055  (21123118)               438040.81
3711751.63       20.91060  (20011318)
        438022.58   3711768.00       21.10210  (17021106)               438004.35
3711784.37       21.04305  (18021605)
        437986.13   3711800.74       20.66602  (21122720)               437967.90
3711817.11       20.81871  (18012907)
        437949.67   3711833.48       21.13239  (21021319)               437931.44
3711849.85       21.09623  (21021319)
        437913.21   3711866.22       20.54562  (21021319)               437894.98
3711882.59       20.81097  (19012018)
        437876.75   3711898.96       20.90768  (19012018)               437858.53
3711915.33       23.36327  (17072004)
        437840.30   3711931.70       26.23831  (17072004)               437822.07
3711948.07       28.14967  (17072004)
        437803.84   3711964.44       29.13595  (17072004)               438553.05
3710649.31       21.56388  (18122503)
        438550.32   3710624.50       20.34018  (18122504)               438547.59
3710599.69       19.14629  (18122504)
        438544.86   3710574.89       18.02164  (18052002)               438542.13
3710550.08       18.03499  (18120117)
        438539.41   3710525.27       18.14891  (18031507)               438536.68
3710500.47       18.00963  (21020919)
        438647.34   3710662.72       18.44279  (18122503)               438642.24
3710687.07       19.66065  (18122503)
        438637.13   3710711.42       20.29788  (17021619)               438632.03
3710735.77       20.39355  (17012318)
        438626.93   3710760.11       20.54036  (19021618)               438621.82
3710784.46       20.34426  (19021618)
        438616.72   3710808.81       18.91074  (17080121)               438611.61
3710833.16       17.93006  (21092420)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	14.56357	(17022318)	438550.36	3711125.33	13.81254	(19021718)
438545.25	3711149.67	12.98291	(19021718)	438540.15	3711174.02	12.01687	(19021718)
438535.04	3711198.37	11.32332	(19021718)	438529.94	3711222.72	12.48631	(19021521)
438524.84	3711247.06	14.45814	(18021903)	438519.73	3711271.41	15.09108	(18021903)
438514.63	3711295.76	14.61441	(18021903)	438509.52	3711320.11	15.07649	(17122019)
438504.42	3711344.45	15.37412	(18011920)	438499.31			

3711368.80 15.01352 (18011920)
438494.21 3711393.15 14.67513 (19020522) 438489.10
3711417.50 14.98883 (19020522)
438484.00 3711441.84 15.27185 (18021904) 438478.89
3711466.19 15.23369 (18021904)
438455.28 3711507.16 14.52948 (18021904) 438436.77
3711523.78 14.02204 (18021904)
438418.26 3711540.40 13.38724 (18021904) 438399.75
3711557.02 12.82661 (18021904)
438381.25 3711573.65 13.72329 (18122502) 438362.74
3711590.27 16.45033 (17021107)
438344.23 3711606.89 18.19098 (18122117) 438325.72
3711623.51 18.82566 (18122117)
438307.21 3711640.13 18.51522 (18122117) 438288.70
3711656.75 18.68116 (17021119)
438270.19 3711673.38 18.54203 (17021119) 438251.68
3711690.00 18.10475 (19122917)
438233.17 3711706.62 18.83764 (19122917) 438214.67
3711723.24 19.29649 (19122917)
438196.16 3711739.86 19.30793 (19122917) 438177.65
3711756.48 19.06791 (17010218)
438159.14 3711773.11 18.82865 (20101718) 438140.63
3711789.73 19.03371 (20040220)
438122.12 3711806.35 19.45687 (21123118) 438103.61
3711822.97 19.55132 (20011318)
438085.10 3711839.59 19.73113 (17021106) 438066.60
3711856.21 19.68471 (18021605)
438048.09 3711872.84 19.36284 (18021605) 438029.58
3711889.46 19.38082 (21122817)
438011.07 3711906.08 19.71853 (21021319) 437992.56
3711922.70 19.78273 (21021319)
437974.05 3711939.32 19.37613 (21021319) 437955.54
3711955.94 19.23335 (19012018)
437937.03 3711972.57 19.44341 (19012018) 437918.52
3711989.19 20.44433 (17072004)
437900.02 3712005.81 23.40304 (17072004) 437881.51
3712022.43 25.64596 (17072004)
437863.00 3712039.05 27.04735 (17072004) 437844.49
3712055.67 27.50925 (17072004)
438652.45 3710638.38 17.46405 (19121517) 438649.72
3710613.57 17.00530 (18122504)
438646.99 3710588.76 16.60256 (18122504) 438644.26
3710563.96 16.61566 (18120117)
438641.54 3710539.15 16.75694 (18120117) 438638.81
3710514.34 17.00211 (18031507)
438636.08 3710489.54 16.99475 (21020919) 438746.81
3710651.47 16.06854 (18122503)
438741.77 3710675.50 16.73874 (18122503) 438736.74
3710699.52 17.04545 (21090924)
438731.70 3710723.55 17.42549 (21090924) 438726.66

3710747.58   18.21512 (17012318)
        438721.62   3710771.61   19.04875 (19021618)   438716.59
3710795.63   19.25990 (19021618)
        438711.55   3710819.66   18.50391 (17080121)   438706.51
3710843.69   17.76435 (21092420)
        438701.48   3710867.71   17.11166 (17121917)   438696.44
3710891.74   17.26791 (17121917)
        438691.40   3710915.77   17.54005 (17121917)   438686.36
3710939.80   18.31802 (17010518)
        438681.33   3710963.82   19.59923 (17010518)   438676.29
3710987.85   19.84956 (17010518)
        438671.25   3711011.88   19.88712 (21010117)   438666.21
3711035.90   19.71845 (21010117)
        438661.18   3711059.93   19.91614 (20123124)   438656.14
3711083.96   19.83598 (20123124)
        438651.10   3711107.99   19.21574 (17022318)   438646.06
3711132.01   17.88007 (17022318)
        438641.03   3711156.04   16.20182 (17022318)   438635.99
3711180.07   14.86579 (19021521)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        438630.95   3711204.09   14.00123 (19021521)   438625.92
3711228.12   13.71660 (19021521)

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        438620.88   3711252.15       13.36888  (19021521)                438615.84
3711276.18       12.43074  (19021521)
        438610.80   3711300.20       10.05827  (19021521)                438605.77
3711324.23        8.93107  (18022218)
        438600.73   3711348.26       10.52313  (18011920)                438595.69
3711372.28       12.35656  (18011920)
        438590.65   3711396.31       13.50422  (18011920)                438585.62
3711420.34       13.87618  (18011920)
        438580.58   3711444.37       13.70316  (19020522)                438575.54
3711468.39       13.18373  (19020522)
        438570.50   3711492.42       12.71301  (18021904)                438565.47
3711516.45       11.89278  (18021904)
        438542.16   3711556.88       11.84385  (18021904)                438523.90
3711573.28       12.15912  (18021904)
        438505.63   3711589.68       12.47589  (18021904)                438487.37
3711606.09       12.71303  (18021904)
        438469.10   3711622.49       13.98845  (19020519)                438450.84
3711638.89       16.25964  (17021107)
        438432.57   3711655.29       16.92221  (17021107)                438414.31
3711671.70       17.62480  (18122117)
        438396.04   3711688.10       17.79626  (18122117)                438377.78
3711704.50       17.80669  (17021119)
        438359.51   3711720.91       17.97549  (17021119)                438341.25
3711737.31       17.94775  (17012118)
        438322.98   3711753.71       17.79390  (19122917)                438304.71
3711770.12       18.41576  (19122917)
        438286.45   3711786.52       18.67333  (19122917)                438268.18
3711802.92       18.54877  (19122917)
        438249.92   3711819.32       18.04667  (19122917)                438231.65
3711835.73       17.97682  (19022819)
        438213.39   3711852.13       17.86032  (20040220)                438195.12
3711868.53       18.08762  (21123118)
        438176.86   3711884.94       18.34381  (21123118)                438158.59
3711901.34       18.34186  (17021106)
        438140.33   3711917.74       18.54515  (17021106)                438122.06
3711934.14       18.44738  (18021605)
        438103.80   3711950.55       18.16754  (21122720)                438085.53
3711966.95       18.22826  (18012907)
        438067.27   3711983.35       18.50257  (21021319)                438049.00
3711999.76       18.55720  (21021319)
        438030.73   3712016.16       18.08726  (21021319)                438012.47
3712032.56       17.80408  (19012018)
        437994.20   3712048.97       18.19073  (19012018)                437975.94
3712065.37       18.24982  (19012018)
        437957.67   3712081.77       19.87420  (17072004)                437939.41
3712098.17       21.75528  (17072004)
        437921.14   3712114.58       23.72557  (17072004)                437902.88
3712130.98       25.47823  (17072004)
        437884.61   3712147.38       25.61092  (17072004)                438751.85
3710627.44       15.61535  (19121517)
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        438749.12   3710602.64       15.28882  (18122504)                438746.39
3710577.83       15.47361  (18033019)
        438743.66   3710553.02       15.67842  (18120117)                438740.94
3710528.22       15.66711  (18120117)
        438738.21   3710503.41       15.69700  (18031507)                438735.48
3710478.60       15.60886  (21020919)
        437306.53   3710616.73      108.53452  (18012018)                437313.98
3710595.52      106.83485  (17012019)
        437321.42   3710574.31      100.10109  (17012019)                437361.16
3710612.07       88.41053  (19012102)
        437368.60   3710590.86       86.79399  (18012018)                437415.78
3710607.42       84.19185  (19012024)
        437433.19   3710708.81       78.28681  (19021618)                437480.37
3710725.37       73.93960  (17121917)
        437582.17   3710737.27       64.35706  (19012101)                437676.53
3710770.38       38.85784  (17012018)
        437683.97   3710749.17       40.27648  (17012018)                437716.27
3710808.14       24.88712  (19021718)
        437723.71   3710786.93       25.67685  (21101617)                438595.27
3711021.29       20.41453  (20020818)
        438674.75   3711096.83       19.39203  (20123124)                438682.19
3711075.62       19.28686  (20123124)
        437329.33   3710551.33       96.69941  (19012103)                437337.14
3710528.63       92.29080  (19012103)
        437344.96   3710505.93       85.78760  (17012020)                437352.77
3710483.23       77.41467  (17012020)
        437376.61   3710567.60       84.25283  (17012019)                437384.42
3710544.90       77.77393  (19021721)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	74.96639	(19012103)	437400.05	3710499.51	70.00848	(19012103)
437423.89	3710583.87	81.38555	(18012018)	437431.70	3710561.17	79.28403	(18122505)
437439.51	3710538.48	71.84894	(17012019)	437447.32	3710515.78	61.42597	(19021721)
437471.16	3710600.14	74.93396	(19012024)	437478.98	3710577.45	70.59638	(18012018)
437486.79	3710554.75	59.82589	(17012019)	437494.60	3710532.05	36.02986	(19021721)
437518.44	3710616.42	66.32193	(19022103)	437526.25	3710593.72	64.70897	(19012024)
437534.07	3710571.02	57.75990	(18012018)	437541.88	3710548.33	40.30543	(21122603)
437589.16	3710564.60	35.09195	(21122603)	437620.81	3710626.27	52.32173	(19022103)
437723.18	3710636.11	21.27791	(21101617)	437770.46	3710652.39	20.14702	(21101617)
437778.27	3710629.69	17.77054	(21101617)	437872.82	3710662.24	16.10993	(21101617)
438345.60	3710824.97	25.72855	(17121917)	438432.34	3710880.21	23.78345	(17121917)
438440.16	3710857.51	22.57388	(17121917)	438511.27	3710958.15	21.33748	(17010518)
438519.09	3710935.45	20.06483	(17010518)	438526.90	3710912.76	18.86734	(17010518)
438534.71	3710890.06	18.83609	(17121917)	438605.83	3710990.70	20.77308	(20020818)
438613.64	3710968.00	20.60335	(17010518)	438621.46	3710945.30	20.47703	(17010518)
438629.27	3710922.61	18.57226	(17121917)	438692.57	3711045.94	18.52936	(20123124)
438700.39	3711023.24	18.48161	(21010117)	438708.20	3711000.55	19.08313	(17010518)
438716.01	3710977.85	19.02535	(17010518)	438723.82	3710955.15	17.90827	(17010518)
437354.00	3710454.83	66.23521	(17012020)	437343.58	3710413.15	67.33836	(20041418)
437401.68	3710461.64	60.10681	(17012020)	437397.29	3710421.87	50.57051	(17012020)
437450.09	3710451.88	28.15342	(21021017)	437445.80	3710409.74	32.86695	(20041418)
437498.70	3710437.39	23.96917	(21021017)	437497.06			

3710475.25   28.39738 (21021017)
        437494.31   3710397.61   22.96749 (19012817)   437547.15
3710426.61   20.89110 (21021017)
        437545.39   3710467.18   24.18865 (21021017)   437543.64
3710507.75   26.01380 (21021017)
        437542.82   3710385.49   18.38492 (19012817)   437595.61
3710415.50   18.24433 (21021017)
        437593.77   3710458.10   20.69408 (21021017)   437591.92
3710500.70   21.76810 (21021017)
        437591.32   3710373.36   15.97053 (21012518)   437644.18
3710401.95   15.86172 (21021017)
        437642.46   3710441.71   17.57215 (21021017)   437640.74
3710481.47   18.39157 (21021017)
        437639.02   3710521.23   18.17339 (18121016)   437637.29
3710560.99   22.45624 (18121016)
        437639.83   3710361.23   14.47929 (21012518)   437692.65
3710390.60   14.00580 (21021017)
        437690.86   3710431.91   15.28993 (21021017)   437689.08
3710473.22   15.75492 (21021017)
        437687.29   3710514.53   16.01805 (18121016)   437685.50
3710555.84   19.56508 (18121016)
        437688.34   3710349.11   13.16349 (21012518)   437741.13
3710379.12   12.42641 (21021017)
        437739.29   3710421.72   13.36247 (21021017)   437737.44
3710464.32   13.60093 (21021017)
        437735.60   3710506.92   14.14024 (18121016)   437733.76
3710549.52   17.13948 (18121016)
        437736.84   3710336.98   12.00609 (21012518)   437789.68
3710365.98   11.03866 (21021017)
        437787.93   3710406.55   11.73003 (21021017)   437786.17
3710447.12   11.89703 (21021017)
        437784.41   3710487.69   11.77403 (18121016)   437782.66
3710528.26   14.37108 (18121016)
        437780.90   3710568.83   16.12668 (18121016)   437785.35
3710324.85   10.98144 (21012518)
        437886.65   3710342.74   9.13304 (21012518)   437884.81
3710385.34   9.28059 (21021017)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993

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, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437882.97   3710427.94        9.24316  (21021017)               437881.12
3710470.54        9.42554  (18121016)
        437879.28   3710513.14       11.41514  (18121016)               437877.43
3710555.74       12.74916  (18121016)
        437875.59   3710598.34       13.08050  (18121016)               437882.37
3710300.60        9.26471  (21012518)
        437983.68   3710318.11        7.70157  (21012518)               437981.87
3710359.96        7.45615  (21021017)
        437980.06   3710401.82        7.67140  (21122408)               437978.25
3710443.67        7.66362  (21122408)
        437976.44   3710485.52        8.86509  (18121016)               437974.63
3710527.37       10.04794  (18121016)
        437972.81   3710569.23       10.59230  (18121016)               437971.00
3710611.08       10.46692  (19123016)
        437979.38   3710276.35       19.95109  (19012105)               438080.71
3710293.59       29.70968  (18022419)
        438078.92   3710334.89       26.36801  (18122505)               438077.13
3710376.20       13.70775  (19021720)
        438075.35   3710417.51        6.63235  (21122408)               438073.56
3710458.82        7.01308  (18121016)
        438071.77   3710500.13        7.99778  (18121016)               438069.98
3710541.44        8.59148  (18121016)
        438068.19   3710582.75        8.68644  (18121016)               438076.39
3710252.09       28.52005  (17041621)
        438177.70   3710269.98       26.97555  (18022419)               438175.85
3710312.58       26.33442  (17020718)
        438174.01   3710355.18       26.05539  (18042222)               438172.16
3710397.78       27.88091  (21121419)
        438170.32   3710440.38       26.51325  (19012024)               438168.48
3710482.98       23.73413  (19012024)
        438166.63   3710525.58       21.87476  (19022103)               438164.79
3710568.18       23.12996  (19022103)
        438173.41   3710227.84       26.11512  (20090920)               438274.72
3710245.46       23.56140  (18122505)
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        438272.90   3710287.54       24.55335  (18122505)                438271.08
3710329.61       24.83141  (18012018)
        438269.26   3710371.68       25.46817  (21121420)                438267.44
3710413.76       25.22270  (19070606)
        438265.62   3710455.83       24.28208  (19070606)                438263.79
3710497.90       24.43053  (20122117)
        438261.97   3710539.98       24.25006  (18031507)                438270.42
3710203.58       21.44145  (18030221)
        438371.75   3710221.00       22.74382  (18122505)                438369.94
3710262.65       23.23414  (18122505)
        438368.14   3710304.30       22.88354  (18012018)                438366.34
3710345.96       23.26822  (21121419)
        438364.53   3710387.61       23.52894  (21121419)                438362.73
3710429.26       24.11293  (19012024)
        438360.93   3710470.92       24.00343  (18021618)                438359.12
3710512.57       24.17740  (20122117)
        438367.44   3710179.33       21.04727  (18022419)                438468.74
3710197.22       21.54195  (18122505)
        438466.89   3710239.82       21.54566  (18122505)                438465.05
3710282.42       21.19058  (19040519)
        438463.21   3710325.02       21.81468  (21121420)                438461.36
3710367.62       21.35991  (19070606)
        438459.52   3710410.22       20.21654  (19070606)                438457.67
3710452.82       19.79183  (20051819)
        438455.83   3710495.42       20.83163  (20122117)                438464.45
3710155.08       20.86795  (18022419)
        438565.76   3710172.76       19.32053  (17020718)                438563.94
3710214.95       19.65649  (18122505)
        438562.11   3710257.15       20.01728  (19040519)                438560.28
3710299.34       19.92649  (21121420)
        438558.46   3710341.54       20.22173  (21121420)                438556.63
3710383.73       20.28914  (19012024)
        438554.80   3710425.92       19.72401  (20051819)                438552.98
3710468.12       18.82088  (20122117)
        438536.54   3710847.87       18.57405  (19012101)                438561.47
3710130.82       17.61135  (18022419)
        438662.78   3710148.34       16.38849  (17020718)                438660.97
3710190.19       17.01680  (21081321)
        438659.16   3710232.04       18.35097  (18042222)                438657.35
3710273.89       18.38997  (21072606)
        438655.54   3710315.75       17.72473  (19070606)                438653.73
3710357.60       17.66551  (19070606)
        438651.91   3710399.45       17.90732  (20051819)                438650.10
3710441.30       17.83118  (20122117)
        438631.99   3710859.83       17.45457  (17121917)                438658.48
3710106.57       16.54180  (18022419)
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BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	15.12702	(17020718)	438757.94	3710167.06	14.70698	(19121317)
438756.09	3710209.66	15.30460	(18042222)	438754.25	3710252.26	16.67118	(21072606)
438752.41	3710294.86	17.01308	(21072606)	438750.56	3710337.46	16.65970	(19070606)
438748.72	3710380.05	15.72205	(18021618)	438746.87	3710422.65	15.91098	(20122117)
438728.43	3710848.65	17.38898	(21092420)	438726.59	3710891.25	16.72280	(17121917)
438755.49	3710082.32	15.21676	(19012106)	437346.05	3710385.82	62.52935	(20041418)
437396.03	3710387.04	51.15380	(20041418)	437446.52	3710367.92	37.95693	(20041418)
437496.50	3710369.14	26.01582	(20041418)	437995.36	3710422.03	7.50193	(21122408)
437996.35	3710381.35	7.43570	(21122408)	438094.83	3710444.81	6.47812	(18121016)
438095.82	3710404.13	13.24386	(21122603)	438194.80	3710447.25	28.27686	(19012024)
438195.80	3710406.57	27.14481	(21121420)	438294.77	3710449.69	25.55253	(18021618)
438295.77	3710409.01	25.44872	(19012024)	438394.74	3710452.13	24.07469	(18021618)
438395.74	3710411.45	23.71348	(19012024)	438494.71			

3710454.57 18.83426 (20122117)
438495.71 3710413.89 19.25483 (19070606) 438594.68
3710457.01 18.71835 (20122117)
438595.68 3710416.33 19.40892 (20051819) 438694.65
3710459.46 16.66642 (20122117)
438695.65 3710418.78 16.84578 (20122117) 438794.62
3710461.90 14.98599 (20122117)
438795.62 3710421.22 15.19387 (20122117) 437341.85
3710350.28 53.05456 (20041418)
437325.75 3710319.20 49.22738 (20090918) 437302.93
3710287.45 50.01387 (20090918)
437382.46 3710321.10 46.98090 (20041418) 437391.84
3710351.50 50.97290 (20041418)
437366.35 3710290.02 40.29617 (19101917) 437343.53
3710258.27 42.15431 (20090918)
437424.00 3710294.96 41.03462 (20041418) 437435.26
3710331.44 42.04471 (20041418)
437406.96 3710260.84 35.79449 (19101917) 437384.14
3710229.09 34.92507 (20090918)
437464.33 3710264.91 35.09887 (20041418) 437475.05
3710299.66 34.82416 (20041418)
437485.78 3710334.40 31.36092 (20041418) 437447.56
3710231.67 31.79749 (20041418)
437424.74 3710199.91 28.46309 (20090918) 437504.78
3710235.25 30.09488 (20041418)
437515.21 3710269.03 29.15179 (20041418) 437525.64
3710302.81 26.37920 (20041418)
437536.06 3710336.58 22.26682 (20041418) 437488.16
3710202.49 28.63557 (20041418)
437465.34 3710170.73 24.94240 (19101917) 437545.80
3710207.42 25.92615 (20041418)
437557.06 3710243.90 24.61088 (20041418) 437568.32
3710280.38 21.81068 (20041418)
437579.58 3710316.86 17.78509 (20041418) 437528.76
3710173.31 25.45139 (20041418)
437505.94 3710141.55 22.41020 (19101917) 437586.25
3710177.74 22.52974 (20041418)
437597.20 3710213.20 21.27314 (20041418) 437608.14
3710248.67 18.93528 (20041418)
437619.09 3710284.14 15.65524 (20041418) 437630.04
3710319.60 13.39853 (21012518)
437569.37 3710144.13 22.51716 (20041418) 437546.55
3710112.37 19.93016 (20041418)
437626.74 3710148.20 19.72570 (20041418) 437637.46
3710182.94 18.58015 (20041418)
437648.19 3710217.68 16.53237 (20041418) 437658.91
3710252.42 13.80209 (20041418)
437669.63 3710287.17 11.89232 (21012518) 437680.36
3710321.91 12.75509 (21012518)
437609.97 3710114.95 19.89043 (20041418) 437587.15

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437712.65   3710265.80   10.91529 (21012518)   437723.91
3710302.28   11.67355 (21012518)
        437650.57   3710085.77   17.66244 (20041418)   437627.75
3710054.01   16.85175 (20041418)
        437708.10   3710090.35   15.34036 (20041418)   437719.14
3710126.11   14.29191 (20041418)
        437730.18   3710161.88   12.55189 (20041418)   437741.22
3710197.64   10.45100 (21020617)
        437752.26   3710233.41   9.81912 (21012518)   437763.30
3710269.17   10.53704 (21012518)
        437774.33   3710304.94   10.97127 (21012518)   437691.17
3710056.59   15.80451 (20041418)
        437668.35   3710024.83   15.49009 (20041418)   437789.42
3710032.35   12.32914 (20041418)
        437800.68   3710068.83   11.29779 (20041418)   437811.94
3710105.31   9.82269 (20041418)

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        437823.20   3710141.79        8.36168  (21020617)               437834.46
3710178.27        8.24383  (21012518)
        437845.71   3710214.75        8.86046  (21012518)               437856.97
3710251.23        9.27134  (21012518)
        437772.38   3709998.23       12.98838  (20041418)               437749.56
3709966.48       13.09890  (20041418)
        437870.70   3709974.25       10.17453  (20041418)               437882.13
3710011.26        9.31497  (20041418)
        437893.55   3710048.27        7.90735  (20041418)               437904.97
3710085.28        6.92931  (21020617)
        437916.39   3710122.29       13.47824  (19021722)               437927.82
3710159.30       18.88664  (17012020)
        437939.24   3710196.30       20.08487  (17012020)               437950.66
3710233.31       19.88169  (19012105)
        437853.58   3709939.87       10.78360  (20041418)               437830.76
3709908.12       11.11318  (20041418)
        437951.76   3709915.40        8.60576  (20041418)               437962.88
3709951.43        9.83598  (21012520)
        437974.00   3709987.46        9.71231  (21020218)               437985.12
3710023.49       11.91438  (21020218)
        437996.24   3710059.52       14.60633  (18021907)               438007.36
3710095.55       16.91504  (17012020)
        438018.48   3710131.58       22.18201  (17012020)               438029.60
3710167.61       26.58566  (21120119)
        438040.72   3710203.64       28.89452  (19011217)               438051.84
3710239.67       29.85915  (21020718)
        438062.96   3710275.70       29.16405  (20090920)               437934.79
3709881.51        9.13508  (20041418)
        437911.97   3709849.76        9.49113  (20041418)               438033.03
3709857.27        8.31848  (21012520)
        438044.29   3709893.75       10.83314  (21121817)               438055.55
3709930.23       14.64254  (20120417)
        438066.81   3709966.71       19.49969  (21120517)               438078.07
3710003.19       20.48966  (18120123)
        438089.33   3710039.67       21.82146  (21120217)               438100.59
3710076.15       23.80135  (21120217)
        438111.85   3710112.63       27.60456  (21120119)               438123.11
3710149.11       27.68067  (21120119)
        438134.37   3710185.59       27.36324  (21020718)               438145.63
3710222.07       26.95701  (20090920)
        438156.88   3710258.55       27.00605  (18022419)               438015.99
3709823.15        7.83149  (20041418)
        437993.17   3709791.40        8.27663  (20041418)               438114.29
3709799.09        8.47417  (21012520)
        438125.67   3709835.94       10.16224  (21121817)               438137.04
3709872.79       11.01482  (21020218)
        438148.41   3709909.64       11.91176  (21012505)               438159.79
3709946.49       14.49950  (17012020)
        438171.16   3709983.34       17.27127  (17012020)               438182.53
3710020.19       18.77404  (17012020)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	17.84548	(21120217)	438264.35	3709963.82	19.73351	(21120217)
438275.82	3710000.98	20.69739	(21120217)	438287.29	3710038.13	21.20574	(21120119)
438298.76	3710075.29	22.11330	(19011217)	438310.22	3710112.44	21.83963	(21020718)
438321.69	3710149.60	20.88336	(20032523)	438333.16			

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3710186.76       20.88406  (18122505)
        438344.63   3710223.91       22.71436  (18122505)                438390.50
3710372.53       23.32525  (21121420)
        438178.40   3709706.43        7.54612  (20121517)                438155.58
3709674.68        7.08478  (21022318)
        438276.65   3709682.19       12.02389  (21121117)                438287.91
3709718.67       17.25783  (17011318)
        438299.17   3709755.15       19.26237  (21120517)                438310.43
3709791.63       19.65874  (21120818)
        438321.68   3709828.11       20.20939  (19121419)                438332.94
3709864.59       20.30353  (18120217)
        438344.20   3709901.07       19.62739  (18120217)                438355.46
3709937.55       20.20565  (21092707)
        438366.72   3709974.03       20.35168  (21092707)                438377.98
3710010.51       19.92014  (21120119)
        438389.24   3710046.99       19.90814  (19071519)                438400.50
3710083.47       21.06684  (19071519)
        438411.76   3710119.95       21.19579  (19071519)                438423.02
3710156.43       21.77540  (18022419)
        438434.28   3710192.91       21.78667  (18122505)                438445.54
3710229.39       22.03224  (18122505)
        438484.94   3710357.07       21.18386  (21121420)                438259.61
3709648.07        8.60434  (20121917)
        438236.79   3709616.32        8.37456  (21120418)                438357.90
3709623.97       11.52203  (21120417)
        438369.24   3709660.74       11.43628  (21120417)                438380.59
3709697.50       12.89979  (21120517)
        438391.94   3709734.26       15.48241  (21120517)                438403.28
3709771.03       17.05740  (18120123)
        438414.63   3709807.79       18.86204  (20021021)                438425.97
3709844.55       18.81113  (18120217)
        438437.32   3709881.31       18.79010  (21092707)                438448.67
3709918.08       18.17842  (21092707)
        438460.01   3709954.84       17.62191  (21120119)                438471.36
3709991.60       17.56748  (19021619)
        438482.71   3710028.37       18.37215  (19071519)                438494.05
3710065.13       18.76187  (19071519)
        438505.40   3710101.89       17.73643  (19071519)                438516.75
3710138.65       18.71338  (18022419)
        438528.09   3710175.42       20.19559  (17020718)                438539.44
3710212.18       20.28444  (18122505)
        438573.48   3710322.47       19.78550  (21072606)                438584.83
3710359.23       19.78981  (19070606)
        438340.81   3709589.72       11.44738  (21120319)                438317.99
3709557.96       10.96011  (21120319)
        438439.14   3709565.74       15.68891  (17011318)                438450.56
3709602.75       15.91919  (21021218)
        438461.98   3709639.76       16.40813  (21120517)                438473.41
3709676.76       15.31294  (21120517)
        438484.83   3709713.77       14.01328  (18120123)                438496.25
```

3709750.78   14.26903 (18120201)
        438507.67   3709787.79   15.08531 (21120217)   438519.10
3709824.80   16.64436 (21120217)
        438530.52   3709861.81   18.35744 (21120119)   438541.94
3709898.82   19.41192 (21120119)
        438553.36   3709935.83   19.24434 (21120119)   438564.79
3709972.83   19.06639 (19021619)
        438576.21   3710009.84   19.07288 (21020718)   438587.63
3710046.85   18.53660 (19071519)
        438599.05   3710083.86   17.01819 (21061019)   438610.47
3710120.87   16.75108 (18022419)
        438621.90   3710157.88   17.34420 (17020718)   438633.32
3710194.89   17.92711 (17020718)
        438679.01   3710342.92   17.20693 (19070606)   438690.43
3710379.93   16.56849 (20051819)
        438422.02   3709531.36   15.32600 (20012618)   438399.20
3709499.60   15.53241 (17020218)
        438520.38   3709507.49   15.88014 (21090721)   438531.87
3709544.71   16.00168 (17021823)
        438543.35   3709581.94   16.41396 (21021218)   438554.84
3709619.16   16.59648 (21120818)
        438566.33   3709656.39   16.69852 (19121419)   438577.82
3709693.61   16.66574 (19022023)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437584.32   3710012.08       15.53791  (19101917)               437495.19
3709931.04       17.39495  (20090918)
        437461.70   3709908.71       16.10685  (20090918)               437553.96
3709914.40       15.84132  (20090918)
        437582.56   3709942.01       14.85541  (20090918)               437611.16
3709969.62       13.93518  (19101917)
        437639.76   3709997.23       14.64989  (19101917)               437522.92
3709889.43       15.83013  (20090918)
        437489.43   3709867.11       14.78770  (20090918)               437609.17
3709830.94       13.20485  (20090918)
        437637.25   3709858.05       12.42531  (20090918)               437665.33
3709885.16       11.34843  (19101917)
        437693.40   3709912.26       12.12928  (19101917)               437721.48
3709939.37       12.60106  (20041418)
        437578.39   3709806.23       13.28298  (20090918)               437544.90
3709783.90       12.59467  (20090918)
        437664.46   3709747.56       11.17828  (20090918)               437692.18
3709774.32       10.54236  (20090918)
        437719.89   3709801.08        9.41787  (20090918)               437747.61
3709827.84       10.15428  (19101917)
        437775.33   3709854.60       10.39590  (19101917)               437803.05
3709881.36       10.98243  (20041418)
        437633.86   3709723.02       11.30230  (20090918)               437600.37
3709700.69       10.84700  (20090918)
        437719.79   3709664.23        9.58559  (20090918)               437747.25
3709690.73        9.05811  (20090918)
        437774.70   3709717.24        8.15193  (20090918)               437802.15
3709743.74        8.56169  (19101917)
        437829.61   3709770.24        8.92296  (19101917)               437857.06
3709796.75        9.25410  (20041418)
        437884.52   3709823.25        9.57956  (20041418)               437689.32
3709639.81        9.73149  (20090918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437655.83	3709617.49	9.43187	(20090918)	437776.01	3709581.74	8.30034	(20090918)
437804.97	3709609.70	7.80565	(20090918)	437833.92	3709637.65	6.98506	(20090918)
437862.88	3709665.61	7.43616	(19101917)	437891.83	3709693.56	7.75726	(19101917)
437920.79	3709721.51	7.99954	(20041418)	437949.74	3709749.47	8.36811	(20041418)
437744.79	3709556.61	8.46420	(20090918)	437711.30	3709534.28	8.27030	(20090918)
437831.30	3709498.36	7.25938	(20090918)	437859.90	3709525.97	6.83784	(20090918)
437888.50	3709553.58	6.16841	(20090918)	437917.09	3709581.19	6.40222	(19101917)
437945.69	3709608.80	6.75147	(19101917)	437974.29	3709636.41	6.82367	(19101917)
438002.88	3709664.02	7.33216	(20041418)	438031.48	3709691.63	7.53719	(20041418)
437800.26	3709473.40	7.42207	(20090918)	437766.77	3709451.07	7.30074	(20090918)
437886.62	3709415.02	6.39681	(20090918)	437914.94	3709442.35	6.04619	(20090918)
437943.25	3709469.69	5.49928	(20090918)	437971.56	3709497.02	5.54821	(19101917)
437999.87	3709524.35	5.90273	(19101917)	438028.18	3709551.68	6.15383	(19101917)
438056.49	3709579.02	6.37915	(20041418)	438084.80	3709606.35	6.68094	(20041418)
438113.12	3709633.68	6.72289	(20041418)	437855.72	3709390.19	6.54764	(20090918)
437822.23	3709367.87	6.47295	(20090918)	437941.97	3709331.70	5.69379	(20090918)
437970.05	3709358.81	5.38454	(20090918)	437998.13	3709385.91	4.91837	(20090918)
438026.21	3709413.02	4.83894	(19101917)	438054.28	3709440.13	5.26168	(19101917)
438082.36	3709467.23	5.48226	(19101917)	438110.44	3709494.34	5.52623	(20041418)
438138.52	3709521.45	5.87949	(20041418)	438166.59			

3709548.55   6.40301 (21022318)
        438194.67   3709575.66   7.76033 (21022318)   437911.19
3709306.98   5.84463 (20090918)
        437877.70   3709284.66   5.81099 (20090918)   437997.34
3709248.40   5.09108 (20090918)
        438025.23   3709275.32   4.81982 (20090918)   438053.11
3709302.24   4.42195 (20090918)
        438080.99   3709329.15   4.26121 (19101917)   438108.87
3709356.07   4.67088 (19101917)
        438136.76   3709382.99   4.87409 (19101917)   438164.64
3709409.91   4.91627 (19101917)
        438192.52   3709436.83   5.15967 (20041418)   438220.40
3709463.75   5.53330 (21120318)
        438248.29   3709490.67   7.31189 (21022318)   438276.17
3709517.58   8.05095 (21022318)
        437966.66   3709223.78   5.23468 (20090918)   437933.17
3709201.45   5.22578 (20090918)
        438053.28   3709165.65   4.57436 (20090918)   438082.11
3709193.48   4.32093 (20090918)
        438110.94   3709221.31   3.95770 (20090918)   438139.76
3709249.14   3.85932 (19101917)
        438168.59   3709276.97   4.17881 (19101917)   438197.41
3709304.80   4.33798 (19101917)
        438226.24   3709332.63   4.41174 (19101917)   438255.07
3709360.46   4.61182 (20041418)
        438283.89   3709388.28   5.56018 (21022318)   438312.72
3709416.11   7.36170 (21022318)
        438341.55   3709443.94   12.12160 (18122217)   438370.37
3709471.77   15.47145 (17020218)
        438022.13   3709140.57   4.71306 (20090918)   437988.64
3709118.25   4.72205 (20090918)
        438108.64   3709082.33   4.13334 (20090918)   438137.23
3709109.94   3.90942 (20090918)
        438165.83   3709137.55   3.62249 (20090918)   438194.43
3709165.16   3.39628 (19102017)
        438223.03   3709192.77   3.65174 (19101917)   438251.62
3709220.37   3.84596 (19101917)
        438280.22   3709247.98   3.94489 (19101917)   438308.82
3709275.59   4.03107 (20041418)
        438337.42   3709303.20   4.98018 (18022518)   438366.01
3709330.81   11.54681 (17012101)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438394.61   3709358.42   15.22599 (19120517)   438423.21
3709386.03   15.92369 (18020620)
        438451.80   3709413.64   16.30478 (17020218)   438077.59
3709057.36   4.26275 (20090918)
        438044.10   3709035.04   4.28525 (20090918)   437216.54
3710215.91   29.92015 (18120916)
        437560.19   3710008.56   15.91207 (20090918)   437925.03
3709745.14   8.36040 (20041418)
        438006.11   3709686.60   7.58078 (20041418)   437280.77
3710233.20   40.74934 (20090918)
        437322.73   3710276.31   46.34355 (20090918)   437378.59
3710253.95   36.59116 (20090918)
        437430.98   3710247.96   33.89764 (20041418)   437616.20
3710338.58   14.26994 (21012518)
        437665.11   3710348.96   13.65127 (21012518)   437762.93
3710369.71   11.68333 (21021017)
        437860.76   3710390.47   9.81285 (21021017)   437867.70
3710357.73   9.40973 (21021017)
        437958.58   3710411.22   7.94177 (21122408)   437965.53
3710378.48   7.73664 (21122408)
        438056.40   3710431.98   6.78172 (21122408)   437265.29
3710160.30   25.72904 (20090918)
        437512.30   3710332.18   26.58040 (20041418)   437555.45
3710357.43   17.66474 (19012817)
        437567.36   3710337.09   17.63852 (20041418)   437617.94
3710448.63   18.98384 (21021017)
        437704.25   3710499.15   14.67780 (21021017)   437716.15
3710478.80   14.41460 (21021017)
        437814.36   3710508.97   12.54387 (18121016)   437826.27
3710488.63   11.16098 (18121016)

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        437888.76   3710579.83       12.71453  (18121016)               437900.67
3710559.49       12.20147  (18121016)
        437912.58   3710539.14       11.52324  (18121016)               437998.88
3710589.66       10.00255  (18121016)
        438073.28   3710660.51       10.33942  (21101617)               438085.18
3710640.17        9.41398  (21101617)
        437259.86   3710108.07       20.19506  (18120916)               437229.34
3710080.35       17.14126  (18120916)
        437209.69   3710067.85       15.56671  (17022717)               437190.05
3710055.35       17.09881  (17022717)
        437170.40   3710042.85       18.05409  (17022717)               437150.75
3710030.35       18.36415  (17022717)
        437286.71   3710065.89       17.68617  (18120916)               437308.46
3710096.32       22.34874  (20090918)
        437256.18   3710038.17       15.54417  (18120916)               437236.54
3710025.67       13.99799  (18120916)
        437216.89   3710013.17       13.43623  (17022717)               437197.24
3710000.67       14.65330  (17022717)
        437177.60   3709988.16       15.41563  (17022717)               437315.72
3710026.75       15.95111  (20090918)
        437358.13   3710166.40       32.94430  (20090918)               437283.03
3709995.99       14.05589  (18120916)
        437263.38   3709983.49       12.91412  (18120916)               437243.73
3709970.98       11.55101  (18120916)
        437224.09   3709958.48       11.69714  (17022717)               437204.44
3709945.98       12.68103  (17022717)
        437341.95   3709983.70       14.72513  (20090918)               437407.20
3710151.47       29.49193  (20090918)
        437400.97   3710193.77       31.64804  (20090918)               437309.87
3709953.81       12.68813  (18120916)
        437290.22   3709941.30       11.85778  (18120916)               437270.58
3709928.80       10.81064  (18120916)
        437250.93   3709916.30        9.68534  (17020317)               437231.29
3709903.80       10.27275  (17022717)
        437368.45   3709941.03       13.66745  (20090918)               437440.96
3710042.47       22.73854  (20090918)
        437336.71   3709911.62       11.45318  (18120916)               437317.07
3709899.12       10.85815  (18120916)
        437297.42   3709886.62       10.06104  (18120916)               437277.77
3709874.12        9.11683  (18120916)
        437258.13   3709861.61        8.73990  (20021019)               437396.26
3709900.20       12.88941  (20090918)
        437474.58   3710009.75       20.55638  (20090918)               437507.20
3710108.94       20.33871  (19101917)
        437497.39   3710175.55       25.61120  (20041418)               437363.56
3709869.44       10.33964  (18120916)
        437343.91   3709856.94        9.92598  (18120916)               437324.26
3709844.44        9.32783  (18120916)
        437304.62   3709831.93        8.58411  (18120916)               437284.97
3709819.43        7.96304  (17123120)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	11.99353	(20090918)	437498.88	3709964.02	18.46106	(20090918)
437559.16	3710074.36	18.23320	(19101917)	437533.74	3710247.07	27.19138	(20041418)
437390.40	3709827.26	9.33963	(18120916)	437370.75	3709814.75	9.06382	(18120916)
437351.11	3709802.25	8.62296	(18120916)	437331.46	3709789.75	8.04440	(18120916)
437311.82	3709777.25	7.36326	(17123120)	437450.28	3709816.30	11.29151	(20090918)
437463.67	3709835.03	12.65474	(20090918)	437530.61	3709928.66	16.76913	(20090918)
437594.17	3710154.89	21.73911	(20041418)	437580.77	3710245.99	21.95978	(20041418)
437436.89	3709797.58	9.89904	(20090918)	437417.24	3709785.07	8.48287	(20090918)
437397.60	3709772.57	8.27353	(18120916)	437377.95	3709760.07	7.95645	(18120916)
437358.31	3709747.57	7.51217	(18120916)	437338.66	3709735.07	6.96567	(18120916)
437476.79	3709773.65	10.54087	(20090918)	437502.89			

3709810.17 12.77336 (20090918)
437529.00 3709846.68 14.46823 (20090918) 437555.11
3709883.20 15.24636 (20090918)
437656.26 3710051.47 16.47433 (20041418) 437444.09
3709742.89 8.09729 (20090918)
437424.44 3709730.39 7.55308 (18120916) 437404.80
3709717.89 7.33253 (18120916)
437385.15 3709705.38 6.99631 (18120916) 437365.50
3709692.88 6.56337 (18120916)
437503.38 3709731.11 9.86646 (20090918) 437528.97
3709766.91 11.78176 (20090918)
437580.16 3709838.51 13.92258 (20090918) 437605.75
3709874.31 13.66866 (20090918)
437631.35 3709910.11 12.46751 (20090918) 437656.94
3709945.91 13.16602 (19101917)
437682.54 3709981.71 13.96508 (20041418) 437692.11
3710126.37 15.87646 (20041418)
437679.29 3710213.44 14.10863 (20041418) 437470.93
3709700.71 7.72439 (20090918)
437451.29 3709688.21 6.89951 (18120916) 437431.64
3709675.70 6.75268 (18120916)
437411.99 3709663.20 6.50419 (18120916) 437392.35
3709650.70 6.17416 (18120916)
437557.32 3709647.10 8.73891 (20090918) 437583.43
3709683.62 10.23720 (20090918)
437635.64 3709756.65 11.78250 (20090918) 437661.74
3709793.17 11.49301 (20090918)
437687.85 3709829.69 10.47122 (20090918) 437713.96
3709866.20 11.01106 (19101917)
437740.06 3709902.72 11.53280 (20041418) 437766.17
3709939.24 12.38900 (20041418)
437792.28 3709975.75 12.35571 (20041418) 437788.99
3710105.04 10.98086 (20041418)
437782.45 3710149.45 9.89254 (20041418) 437775.92
3710193.86 8.98906 (21020617)
437524.62 3709616.34 7.02780 (20090918) 437504.97
3709603.84 6.12623 (20090918)
437485.33 3709591.34 5.79677 (19101817) 437465.68
3709578.84 5.60672 (18120916)
437446.04 3709566.33 5.40718 (18120916) 437611.20
3709563.00 7.77742 (20090918)
437624.44 3709581.52 8.40276 (20090918) 437637.68
3709600.05 8.96094 (20090918)
437690.65 3709674.14 10.09822 (20090918) 437703.89
3709692.66 10.03353 (20090918)
437717.13 3709711.18 9.81783 (20090918) 437730.38
3709729.71 9.45525 (20090918)
437743.62 3709748.23 8.95780 (20090918) 437756.86
3709766.75 8.84140 (19101917)
437770.10 3709785.28 9.29413 (19101917) 437783.35

3709803.80   9.61114 (19101917)
        437796.59   3709822.32   9.77421 (19101917)   437809.83
3709840.84   10.10882 (20041418)
        437823.07   3709859.37   10.49020 (20041418)   437836.32
3709877.89   10.69603 (20041418)
        437862.80   3709914.94   10.56348 (20041418)   437876.04
3709933.46   10.23096 (20041418)
        437889.29   3709951.98   9.81562 (20041418)   437899.21
3709993.03   9.04137 (20041418)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437882.64   3710105.67   7.11708 (21020617)   437879.32
3710128.20   7.16541 (21012518)
        437876.00   3710150.72   7.59159 (21012518)   437872.69
3710173.25   8.02025 (21012518)
        437869.37   3710195.78   8.41279 (21012518)   437856.11
3710285.89   9.57957 (21012518)
        437852.80   3710308.41   9.74726 (21012518)   437849.48
3710330.94   9.83710 (21012518)
        437842.85   3710375.99   10.09258 (21021017)   437839.53
3710398.52   10.34089 (21021017)
        437836.22   3710421.05   10.46912 (21021017)   437832.90
3710443.58   10.46271 (21021017)

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        437829.59   3710466.10       10.30482  (21021017)              437597.95
3709544.48        7.10764  (20090918)
        437578.31   3709531.97        6.40003  (20090918)              437558.66
3709519.47        5.66485  (20090918)
        437539.01   3709506.97        5.17878  (19101817)              437519.37
3709494.47        4.96444  (19101817)
        437499.72   3709481.97        4.74264  (17021020)              437665.03
3709478.84        6.95432  (20090918)
        437678.42   3709497.56        7.45719  (20090918)              437691.80
3709516.29        7.89957  (20090918)
        437745.36   3709591.20        8.74987  (20090918)              437758.74
3709609.92        8.67893  (20090918)
        437772.13   3709628.65        8.48738  (20090918)              437785.52
3709647.38        8.18003  (20090918)
        437798.91   3709666.10        7.76247  (20090918)              437812.30
3709684.83        7.50817  (19101917)
        437825.68   3709703.56        7.92807  (19101917)              437839.07
3709722.28        8.26007  (19101917)
        437852.46   3709741.01        8.45883  (19101917)              437865.85
3709759.74        8.53974  (20041418)
        437879.24   3709778.46        8.92814  (20041418)              437892.62
3709797.19        9.19163  (20041418)
        437906.01   3709815.92        9.31773  (20041418)              437959.56
3709890.82        8.63488  (20041418)
        437986.34   3709928.27       11.54058  (21121817)              437996.37
3709969.78       11.99055  (21020218)
        437979.62   3710083.65       14.70408  (18021907)              437976.26
3710106.42       16.04689  (18021907)
        437972.91   3710129.20       17.45784  (18021907)              437969.56
3710151.97       18.79050  (17012020)
        437966.21   3710174.75       19.54525  (17012020)              437962.86
3710197.52       19.80742  (19012103)
        437952.80   3710265.85       18.97602  (19012105)              437949.45
3710288.62        8.28654  (21012518)
        437946.10   3710311.40        8.29035  (21012518)              437942.74
3710334.17        8.22965  (21012518)
        437939.39   3710356.94        8.14840  (21021017)              437936.04
3710379.72        8.26170  (21021017)
        437932.69   3710402.49        8.28174  (21021017)              437929.34
3710425.27        8.33833  (21122408)
        437925.98   3710448.04        8.37279  (21122408)              437922.63
3710470.82        8.95712  (18121016)
        437919.28   3710493.59        9.94680  (18121016)              437915.93
3710516.37       10.81917  (18121016)
        437651.64   3709460.11        6.40856  (20090918)              437631.99
3709447.61        5.83509  (20090918)
        437612.35   3709435.11        5.23106  (20090918)              437592.70
3709422.60        4.61700  (20090918)
        437573.06   3709410.10        4.48964  (19101817)              437553.41
3709397.60        4.29613  (19101817)
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        437718.83   3709394.63        6.23755  (20090918)               437732.33
3709413.52        6.64620  (20090918)
        437745.84   3709432.41        7.00146  (20090918)               437799.85
3709507.96        7.65317  (20090918)
        437813.35   3709526.85        7.58225  (20090918)               437826.86
3709545.74        7.41299  (20090918)
        437840.36   3709564.62        7.14746  (20090918)               437853.86
3709583.51        6.78975  (20090918)
        437867.37   3709602.40        6.42896  (19101917)               437880.87
3709621.29        6.82290  (19101917)
        437894.37   3709640.18        7.13483  (19101917)               437907.88
3709659.06        7.34595  (19101917)
        437921.38   3709677.95        7.45104  (19101917)               437934.88
3709696.84        7.62717  (20041418)
        437948.39   3709715.73        7.92899  (20041418)               437975.40
3709753.50        8.29942  (20041418)
        438056.42   3709866.83        8.75277  (21012520)               438069.92
3709885.72       10.55801  (21121817)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        438083.42   3709904.61       12.80789  (21120317)               438093.54
3709946.47       18.21065  (21120517)
        438090.16   3709969.44       19.62814  (20021022)               438076.64
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3710061.32 22.94136 (21120217)
438073.26 3710084.29 24.58558 (21120217) 438069.88
3710107.26 26.31066 (21120119)
438066.50 3710130.24 28.30044 (21120119) 438063.12
3710153.21 29.33384 (21120119)
438059.74 3710176.18 29.58771 (21120119) 438042.83
3710291.03 29.01158 (18022419)
438039.45 3710314.00 27.39147 (18122505) 438036.07
3710336.97 20.83719 (17012019)
438032.69 3710359.95 6.99418 (21122408) 438029.31
3710382.92 7.10575 (21122408)
438025.93 3710405.89 7.17005 (21122408) 438022.55
3710428.86 7.17038 (21122408)
438019.17 3710451.83 7.27847 (18121016) 438015.78
3710474.80 8.05431 (18121016)
438012.40 3710497.77 8.75146 (18121016) 438009.02
3710520.74 9.32972 (18121016)
438005.64 3710543.71 9.75032 (18121016) 438002.26
3710566.68 9.98114 (18121016)
437705.33 3709375.74 5.79008 (20090918) 437685.68
3709363.24 5.32314 (20090918)
437666.04 3709350.74 4.82749 (20090918) 437646.39
3709338.24 4.31425 (20090918)
437626.74 3709325.74 4.04438 (19101817) 437607.10
3709313.23 3.92490 (19101817)
437772.20 3709309.82 5.60744 (20090918) 437785.39
3709328.26 5.93304 (20090918)
437798.57 3709346.71 6.21428 (20090918) 437851.31
3709420.48 6.73591 (20090918)
437864.50 3709438.92 6.68611 (20090918) 437877.68
3709457.36 6.56206 (20090918)
437890.87 3709475.81 6.36360 (20090918) 437904.05
3709494.25 6.10001 (20090918)
437917.24 3709512.69 5.78608 (20090918) 437930.42
3709531.14 5.77720 (19101917)
437943.61 3709549.58 6.08525 (19101917) 437956.79
3709568.02 6.32690 (19101917)
437969.98 3709586.46 6.49405 (19101917) 437983.16
3709604.91 6.59444 (19101917)
437996.35 3709623.35 6.75859 (20041418) 438009.53
3709641.79 7.06615 (20041418)
438154.57 3709844.66 10.45061 (21121817) 438167.75
3709863.11 10.79561 (21020218)
438180.94 3709881.55 11.15598 (21020218) 438190.82
3709922.42 13.92370 (17012020)
438171.02 3710057.00 20.60745 (17012020) 438167.71
3710079.43 21.59848 (19012103)
438161.11 3710124.29 24.62932 (21120119) 438157.81
3710146.72 25.59213 (19011217)
438154.51 3710169.15 26.38073 (21020718) 438138.00

3710281.29   27.76707 (18022419)
        438134.70   3710303.72   28.11391 (18022419)   438131.40
3710326.15   28.58155 (18122505)
        438124.80   3710371.01   27.12548 (18012018)   438121.50
3710393.44   23.04511 (18012018)
        438111.59   3710460.73   9.80491 (21122603)   438108.29
3710483.16   7.26994 (18121016)
        438101.69   3710528.02   8.00870 (18121016)   438098.39
3710550.45   8.21220 (18121016)
        438095.09   3710572.88   8.28259 (18121016)   438088.49
3710617.74   8.54069 (21101617)
        437759.02   3709291.38   5.24863 (20090918)   437739.37
3709278.88   4.86419 (20090918)
        437719.72   3709266.37   4.44937 (20090918)   437700.08
3709253.87   4.01721 (20090918)
        437680.43   3709241.37   3.62403 (19101817)   437660.79
3709228.87   3.56071 (19101817)
        437826.00   3709225.61   5.09857 (20090918)   437839.29
3709244.21   5.36933 (20090918)
        437852.59   3709262.80   5.60055 (20090918)   437905.77
3709337.19   6.00352 (20090918)
        437919.06   3709355.78   5.95400 (20090918)   437932.36
3709374.38   5.84181 (20090918)
        437945.65   3709392.98   5.66915 (20090918)   437958.95
3709411.57   5.44036 (20090918)
        437972.24   3709430.17   5.16173 (20090918)   437985.54
3709448.77   5.03503 (19101917)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                    INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437998.83	3709467.36	5.31619	(19101917)	438012.13	3709485.96	5.54750	(19101917)
438025.42	3709504.56	5.76613	(19101917)	438038.72	3709523.15	5.93324	(19101917)
438052.01	3709541.75	5.99070	(19101917)	438131.78	3709653.33	6.81252	(21022318)
438238.14	3709802.10	16.96675	(21120517)	438251.44	3709820.70	18.17059	(21120517)
438264.73	3709839.29	18.09076	(21120517)	438278.03	3709857.89	18.75608	(18120123)
438287.99	3709899.10	20.35596	(19022023)	438284.66	3709921.72	20.84894	(21021119)
438281.34	3709944.34	20.60908	(21120217)	438264.69	3710057.42	19.94659	(19012103)
438261.36	3710080.04	20.24142	(19012103)	438258.04	3710102.65	20.45744	(19012103)
438254.71	3710125.27	20.82554	(21020718)	438251.38	3710147.88	21.47806	(21020718)
438234.73	3710260.97	25.32938	(18122505)	438231.41	3710283.58	26.34987	(18122505)
438228.08	3710306.20	25.89106	(17020718)	438224.75	3710328.82	25.17828	(18042222)
438221.42	3710351.43	24.39734	(18042222)	438218.09	3710374.05	24.23490	(21072606)
438201.45	3710487.13	28.07829	(18021618)	438198.12	3710509.75	27.33110	(20122117)
438194.79	3710532.37	26.59535	(20122117)	438191.46	3710554.98	26.80183	(19022103)
438188.13	3710577.60	27.57971	(19022103)	438184.80	3710600.21	28.24448	(18120117)
438181.48	3710622.83	28.47108	(18122504)	438178.15	3710645.45	29.43191	(18122503)
437812.70	3709207.01	4.79650	(20090918)	437793.06	3709194.51	4.47289	(20090918)
437773.41	3709182.01	4.12215	(20090918)	437753.77	3709169.51	3.75370	(20090918)
437734.12	3709157.00	3.37745	(20090918)	437714.47	3709144.50	3.23543	(19101817)
437879.78	3709141.37	4.64018	(20090918)	437893.17	3709160.10	4.86513	(20090918)
437906.55	3709178.83	5.05552	(20090918)	437946.72	3709235.01	5.36589	(20090918)
437960.11	3709253.73	5.36954	(20090918)	437973.49	3709272.46	5.32034	(20090918)

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        437986.88   3709291.19        5.21871  (20090918)               438000.27
3709309.91        5.06684  (20090918)
        438013.66   3709328.64        4.86856  (20090918)               438027.05
3709347.36        4.62830  (20090918)
        438040.43   3709366.09        4.44759  (19102017)               438053.82
3709384.82        4.66830  (19101917)
        438067.21   3709403.54        4.94271  (19101917)               438080.60
3709422.27        5.16580  (19101917)
        438093.99   3709441.00        5.29428  (19101917)               438107.37
3709459.72        5.35328  (19101917)
        438134.15   3709497.18        5.62408  (20041418)               438214.48
3709609.54        8.36538  (21022318)
        438321.58   3709759.35       19.30929  (21120517)               438334.97
3709778.08       19.36401  (21120818)
        438348.36   3709796.80       19.62063  (19121419)               438361.74
3709815.53       19.60786  (19121419)
        438375.13   3709834.26       19.45582  (18120217)               438385.17
3709875.76       18.13856  (18120217)
        438381.82   3709898.53       18.32213  (21092707)               438378.46
3709921.31       18.83389  (21092707)
        438361.70   3710035.18       21.58517  (19021619)               438358.35
3710057.95       22.06274  (19021619)
        438355.00   3710080.73       22.30757  (21013018)               438351.65
3710103.50       22.68482  (21020718)
        438348.30   3710126.28       22.32821  (21020718)               438344.94
3710149.05       21.30367  (20090920)
        438328.18   3710262.93       23.43658  (18122505)               438324.83
3710285.70       23.41596  (18122505)
        438321.48   3710308.47       23.12822  (18012018)               438318.13
3710331.25       23.27042  (18012018)
        438314.78   3710354.02       23.36744  (21121419)               438311.43
3710376.80       24.33121  (21121419)
        438294.67   3710490.67       25.56389  (20122117)               438291.31
3710513.45       25.21398  (20122117)
        438287.96   3710536.22       24.63110  (18031507)               438284.61
3710559.00       24.18406  (18031507)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
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L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	23.14626	(18031507)	438277.91	3710604.55	22.75603	(18122504)
438274.55	3710627.32	22.77524	(18122504)	437866.39	3709122.65	4.38704	(20090918)
437846.74	3709110.14	4.11792	(20090918)	437827.10	3709097.64	3.82220	(20090918)
437807.45	3709085.14	3.50782	(20090918)	437787.81	3709072.64	3.18335	(20090918)
437768.16	3709060.14	2.96451	(17021020)	437933.55	3709057.12	4.23774	(20090918)
437947.01	3709075.96	4.42633	(20090918)	437960.48	3709094.79	4.58418	(20090918)
438000.88	3709151.31	4.83293	(20090918)	438014.35	3709170.15	4.83032	(20090918)
438027.82	3709188.98	4.78299	(20090918)	438041.29	3709207.82	4.69141	(20090918)
438054.75	3709226.66	4.55774	(20090918)	438068.22	3709245.50	4.38443	(20090918)
438081.69	3709264.34	4.17538	(20090918)	438095.16	3709283.17	4.03731	(19102017)
438108.62	3709302.01	4.17678	(19101917)	438122.09	3709320.85	4.40962	(19101917)
438135.56	3709339.69	4.59057	(19101917)	438149.03	3709358.53	4.71375	(19101917)
438162.50	3709377.36	4.78615	(19101917)	438283.70	3709546.91	8.97950	(21120418)
438310.64	3709584.58	10.23818	(21120319)	438418.38	3709735.29	12.92205	(20021022)
438431.85	3709754.12	14.08560	(18120123)	438445.32	3709772.96	15.40402	(18120123)
438458.78	3709791.80	16.60806	(19022023)	438472.25	3709810.64	17.41283	(21021119)
438482.35	3709852.39	18.61836	(17030619)	438478.97	3709875.30	18.95136	(21092707)
438475.60	3709898.21	18.89317	(21092707)	438472.23			

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3709921.12       18.42443  (21092707)
        438458.74   3710012.76       17.58283  (19021619)                438455.37
3710035.67       18.04874  (19071519)
        438452.00   3710058.58       18.62069  (19071519)                438448.63
3710081.49       19.08810  (19071519)
        438445.26   3710104.40       19.61616  (19071519)                438441.88
3710127.31       20.10130  (21061019)
        438425.02   3710241.86       22.28360  (18122505)                438421.65
3710264.77       22.05186  (18122505)
        438418.28   3710287.68       21.97645  (19040519)                438414.91
3710310.59       22.30000  (19040519)
        438411.54   3710333.50       22.54234  (21121420)                438408.16
3710356.41       22.86183  (21121420)
        438387.93   3710493.87       24.10443  (20122117)                438384.56
3710516.78       23.65141  (20122117)
        438381.19   3710539.69       23.79447  (18120117)                438377.82
3710562.60       24.30199  (18120117)
        438374.45   3710585.51       24.21205  (18120117)                438371.07
3710608.42       24.22760  (18122504)
        437920.08   3709038.28        4.02336  (20090918)                437900.43
3709025.78        3.79667  (20090918)
        437880.79   3709013.28        3.54548  (20090918)                437861.14
3709000.77        3.27628  (20090918)
        437841.49   3708988.27        2.99607  (20090918)                437821.85
3708975.77        2.73380  (17021020)
        437987.30   3708972.85        3.88287  (20090918)                438000.84
3708991.78        4.04247  (20090918)
        438014.38   3709010.72        4.17454  (20090918)                438054.99
3709067.52        4.37321  (20090918)
        438068.52   3709086.46        4.36687  (20090918)                438082.06
3709105.39        4.32213  (20090918)
        438095.60   3709124.33        4.23966  (20090918)                438109.13
3709143.26        4.12097  (20090918)
        438122.67   3709162.19        3.96852  (20090918)                438136.21
3709181.13        3.78568  (20090918)
        438149.74   3709200.06        3.68351  (19102017)                438163.28
3709219.00        3.70322  (19101917)
        438176.82   3709237.93        3.91093  (19101917)                438190.35
3709256.87        4.06257  (19101917)
        438203.89   3709275.80        4.16514  (19101917)                438366.33
3709503.02       14.65000  (17020218)
        438379.87   3709521.95       14.20187  (20012618)                438393.40
3709540.89       14.73222  (20012618)
        438406.94   3709559.82       15.23299  (17011318)                438420.48
3709578.76       15.77517  (17011318)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438501.70	3709692.36	15.68662	(18120123)	438515.23	3709711.30	15.47600	(18120123)
438528.77	3709730.23	15.30136	(19022023)	438542.31	3709749.17	15.03567	(21021119)
438555.84	3709768.10	15.20701	(21120217)	438569.38	3709787.04	15.51097	(21120217)
438579.53	3709829.00	15.72184	(21120217)	438576.14	3709852.03	16.37319	(21120119)
438572.75	3709875.06	17.50620	(21120119)	438569.36	3709898.08	18.44388	(21120119)
438552.41	3710013.22	19.18753	(19071519)	438549.02	3710036.25	19.40169	(19071519)
438545.64	3710059.28	19.03460	(19071519)	438542.25	3710082.30	18.03589	(19071519)
438538.86	3710105.33	17.66346	(21061019)	438518.52	3710243.50	20.24430	(18112217)
438515.13	3710266.53	20.61520	(19040519)	438511.74	3710289.55	20.65400	(19040519)
438508.35	3710312.58	21.09598	(21121420)	438504.97	3710335.61	21.40555	(21121420)
438498.19	3710381.66	20.92339	(19070606)	438481.24	3710496.80	19.38584	(20122117)
438477.85	3710519.83	19.96294	(18031507)	438474.46	3710542.86	20.77782	(18031507)
438471.07	3710565.89	21.16723	(18031507)	437973.77	3708953.91	3.70029	(20090918)

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        437954.12   3708941.41        3.50808  (20090918)              437934.47
3708928.91        3.29333  (20090918)
        437914.83   3708916.41        3.06157  (20090918)              437895.18
3708903.91        2.81831  (20090918)
        437875.54   3708891.40        2.56930  (20090918)              438040.77
3708888.18        3.56534  (20090918)
        438054.09   3708906.81        3.69864  (20090918)              438067.41
3708925.44        3.80876  (20090918)
        438080.73   3708944.07        3.89294  (20090918)              438094.05
3708962.70        3.94884  (20090918)
        438107.37   3708981.33        3.97464  (20090918)              438120.69
3708999.96        3.96934  (20090918)
        438134.01   3709018.60        3.93275  (20090918)              438147.33
3709037.23        3.86520  (20090918)
        438160.65   3709055.86        3.76722  (20090918)              438173.97
3709074.49        3.67316  (20090918)
        438187.29   3709093.12        3.54053  (20090918)              438200.61
3709111.75        3.42696  (19102017)
        438213.93   3709130.38        3.32303  (19102017)              438227.25
3709149.01        3.41132  (19101917)
        438240.57   3709167.64        3.54508  (19101917)              438253.89
3709186.27        3.66877  (19101917)
        438280.53   3709223.54        3.84986  (19101917)              438400.40
3709391.22       15.63169  (18020620)
        438413.72   3709409.85       16.24187  (17020218)              438427.04
3709428.48       16.50100  (17020218)
        438440.36   3709447.11       16.47161  (17020218)              438453.68
3709465.74       16.15143  (17020218)
        438467.00   3709484.37       16.19351  (20012618)              438480.32
3709503.00       16.10008  (17011318)
        438493.64   3709521.63       16.17569  (21090721)              438506.96
3709540.26       16.33001  (17021823)
        438573.56   3709633.42       16.58672  (21120818)              438600.20
3709670.68       16.34626  (19022023)
        438613.52   3709689.31       16.48026  (20021021)              438626.84
3709707.94       16.41310  (20021021)
        438640.16   3709726.57       16.40394  (21021119)              438653.48
3709745.21       16.37903  (17030619)
        438666.80   3709763.84       16.43881  (17030619)              438676.78
3709805.13       17.46724  (21120119)
        438673.45   3709827.78       17.67232  (21120119)              438670.11
3709850.44       17.00924  (21120119)
        438666.78   3709873.10       16.92407  (21120119)              438663.44
3709895.76       17.18190  (19011217)
        438646.77   3710009.05       18.04323  (20090920)              438643.43
3710031.71       17.97497  (17070620)
        438640.10   3710054.37       17.64416  (21061019)              438636.76
3710077.03       17.15386  (21061019)
        438633.43   3710099.69       16.66388  (18022419)              438616.75
3710212.98       18.85172  (18042222)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	18.89565	(21072606)	438590.07	3710394.25	19.52227	(20051819)
438576.73	3710484.88	17.99808	(20122117)	438573.40	3710507.54	17.62178	(18031507)
438570.06	3710530.20	17.66083	(18031507)	438566.73	3710552.85	17.72913	(18120117)
438027.45	3708869.55	3.41188	(20090918)	438007.81	3708857.05	3.24808	(20090918)
437988.16	3708844.54	3.06371	(20090918)	437968.52	3708832.04	2.86349	(20090918)
437948.87	3708819.54	2.65180	(20090918)	437929.22	3708807.04	2.43325	(20090918)
437106.84	3710028.10	18.46303	(17022717)	437074.68	3710047.98	18.01153	(17022717)
437056.82	3710062.36	17.39009	(17022717)	437038.96	3710076.75	31.53670	(18012901)
437080.24	3709987.33	15.21348	(17022717)	437138.10			

3709977.84 16.20656 (17022717)
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3710023.42 32.69036 (20021904)
  437007.60 3710037.81 40.40950 (17020905) 437046.97
3709949.12 13.53156 (17021304)
  437081.27 3709935.94 13.20288 (17022717) 437133.34
3709927.41 14.14457 (17022717)
  437168.89 3709936.69 13.98717 (17022717) 437011.96
3709970.09 32.67721 (17022121)
  436994.10 3709984.48 40.82401 (20121619) 436976.23
3709998.87 48.17960 (20120618)
  437017.52 3709909.44 22.87181 (18012901) 437055.62
3709894.80 12.16585 (21011424)
  437093.73 3709880.16 11.81807 (17022717) 437132.54
3709878.00 12.43973 (17022717)
  437172.04 3709888.32 12.42736 (17022717) 436980.60
3709931.15 34.46234 (20121619)
  436962.73 3709945.54 43.84454 (20120618) 436944.87
3709959.93 47.97698 (18121017)
  436987.51 3709869.98 24.73817 (18010318) 437028.35
3709854.29 18.80649 (18012901)
  437069.18 3709838.60 10.95702 (21011424) 437131.17
3709828.45 11.03386 (17022717)
  437173.49 3709839.50 11.12799 (17022717) 437215.81
3709850.56 10.10713 (17022717)
  436949.24 3709892.21 31.34653 (18122018) 436931.37
3709906.60 39.69087 (20120618)
  436913.51 3709920.98 44.65057 (17021420) 436954.79
3709831.56 31.65523 (20120618)
  436992.90 3709816.92 35.00076 (20121619) 437031.01
3709802.28 32.71372 (19012818)
  437069.12 3709787.64 23.38238 (18121317) 437126.98
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  437166.48 3709788.47 10.11100 (17022717) 437205.97
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  437166.66 3709739.32 9.17032 (17022717) 437208.13
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  437249.61 3709761.00 7.62401 (20021019) 436886.51
3709814.33 38.62397 (17021420)
  436868.65 3709828.72 40.24160 (17020808) 436850.78

3709843.10   41.24372 (17020808)
        436893.80   3709753.01   36.08732 (19012821)   436935.37
3709737.04   36.07595 (17012108)
        436976.95   3709721.07   33.22541 (19120518)   437018.52
3709705.10   34.56496 (17072906)
        437060.09   3709689.12   33.29891 (21020221)   437123.21
3709678.78   32.58546 (18120819)
        437166.30   3709690.04   20.66169 (18011719)   437209.39
3709701.29   8.06405 (17022717)
        437252.48   3709712.55   7.08760 (17022717)   437295.57
3709723.81   6.89679 (20021019)
        436855.15   3709775.39   37.79232 (17020808)   436837.29
3709789.77   36.84197 (17020808)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        436819.42   3709804.16   34.31154 (17020808)   436861.44
3709714.46   34.08304 (17020808)
        436901.01   3709699.25   32.40572 (17012108)   436940.59
3709684.05   31.78934 (17012108)
        436980.16   3709668.84   29.96804 (21011219)   437019.74
3709653.64   30.23481 (17072906)
        437059.31   3709638.43   29.55368 (21020221)   437119.39
3709628.58   30.67056 (20010218)

437160.41 3709639.30 29.75212 (17020902) 437201.43
3709650.02 15.50016 (19121019)
437242.45 3709660.73 6.91904 (17022717) 437283.47
3709671.45 6.43749 (20021019)
437324.49 3709682.17 6.39033 (17123120) 436823.79
3709736.45 33.85533 (17020808)
436805.92 3709750.83 31.78341 (17020808) 436788.06
3709765.22 31.66512 (21020103)
436830.70 3709675.27 31.87433 (17020808) 436871.53
3709659.59 29.23075 (19012821)
436912.37 3709643.90 29.36598 (17012108) 436953.20
3709628.21 28.77820 (20122924)
436994.03 3709612.52 28.57524 (21013119) 437034.86
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3709578.83 28.54353 (20010218)
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3709623.06 5.95794 (20021019)
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3709697.51 30.48547 (17020808)
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437009.84 3709504.47 25.53280 (18010218) 437050.19
3709488.96 24.58868 (21020221)
437111.45 3709478.92 26.10309 (19011101) 437153.28
3709489.85 27.41106 (18120819)
437195.10 3709500.77 25.18996 (20012818) 437236.92
3709511.70 5.84963 (17022717)
437278.74 3709522.63 5.40523 (20021019) 437320.57
3709533.55 5.16175 (20021019)
437362.39 3709544.48 5.09504 (17123120) 437404.21
3709555.41 5.19169 (17022120)
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3709634.01 27.36066 (18011620)
436693.97 3709648.40 27.23959 (21120608) 436705.90
3709519.26 25.38699 (21020205)
436726.96 3709511.17 25.37288 (18122019) 436748.02
3709503.08 25.67878 (18122019)
436769.08 3709494.99 25.74023 (20121819) 436790.14
3709486.90 25.53213 (18010119)
436811.20 3709478.80 25.52986 (17021420) 436832.26
3709470.71 25.36189 (21122120)

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        436853.32   3709462.62       25.57859  (17101619)               436874.38
3709454.53       25.68891  (18121017)
        436895.44   3709446.44       25.46546  (18013018)               436916.50
3709438.35       25.14278  (20122924)
        436937.56   3709430.25       24.93256  (20122924)               436958.62
3709422.16       24.57610  (21013119)
        436979.68   3709414.07       24.16046  (21013119)               437000.74
3709405.98       23.73312  (18010218)
        437021.80   3709397.89       23.20960  (21020202)               437042.86
3709389.80       22.42242  (21121818)
        437063.92   3709381.70       22.28792  (21020221)               437106.81
3709379.32       23.70606  (19011101)
        437128.64   3709385.02       24.87522  (20010218)               437150.47
3709390.72       25.14457  (18120819)
        437172.30   3709396.42       24.38794  (17011223)               437194.12
3709402.13       21.79640  (17020902)
        437237.78   3709413.53        5.17697  (17022717)               437259.61
3709419.24        4.97708  (17022717)
        437281.44   3709424.94        4.78809  (20021019)               437303.27
3709430.64        4.83117  (20021019)
        437346.92   3709442.05        4.78036  (20021019)               437368.75
3709447.75        4.73271  (18021922)
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BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 245
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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3709224.08        4.02267  (20021019)
        437308.48   3709235.22        4.03301  (20021019)                437351.14
3709246.36        3.94418  (20021019)
        437393.80   3709257.51        3.88290  (18021922)                437436.46
3709268.65        3.85587  (17123120)
        437479.12   3709279.80        3.80724  (17123120)                437521.78
3709290.94        3.86316  (17022120)
        437564.44   3709302.09        3.87115  (17021020)                436541.53
3709385.98       21.18564  (17122620)
        436523.66   3709400.36       21.27919  (17122818)                436505.80
3709414.75       21.27962  (21123024)
        436517.84   3709285.57       19.61182  (18121919)                436539.01
3709277.44       19.37812  (21120124)
        436560.18   3709269.30       19.59699  (19122301)                436581.35
3709261.17       19.54557  (18011620)
        436602.52   3709253.03       19.47667  (18011620)                436623.70
3709244.90       19.40679  (21020205)
        436644.87   3709236.77       19.24533  (18122019)                436666.04
3709228.63       19.46531  (18122019)
        436687.21   3709220.50       19.53852  (20121819)                436708.38
3709212.36       19.28867  (20121322)
        436729.55   3709204.23       19.28019  (18010119)                436750.73
3709196.09       19.16584  (17021420)
        436771.90   3709187.96       18.92562  (21122120)                436793.07
3709179.83       19.04099  (17101619)
        436814.24   3709171.69       19.08374  (18121017)                436835.41
3709163.56       19.11924  (18121017)
        436856.58   3709155.42       18.99426  (18013018)                436877.75
3709147.29       18.93730  (18120703)
        436898.93   3709139.15       18.93392  (20122924)                436920.10
3709131.02       18.35348  (21013119)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 246
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436941.27	3709122.88	18.26907	(21013119)	436962.44	3709114.75	18.41762	(17072906)
436983.61	3709106.62	20.46688	(17072906)	437004.78	3709098.48	20.93666	(17072906)
437025.96	3709090.35	20.92145	(21121818)	437047.13	3709082.21	20.22067	(18120701)
437090.24	3709079.81	17.87450	(18120701)	437112.19	3709085.54	15.76798	(18120701)
437134.13	3709091.28	13.80533	(17011719)	437156.07	3709097.01	12.25273	(17122918)
437178.02	3709102.74	10.92392	(18020419)	437199.96	3709108.48	9.60115	(18121619)
437221.91	3709114.21	7.96460	(18121619)	437243.85	3709119.94	4.33694	(19123021)
437265.79	3709125.67	3.66416	(17022717)	437287.74	3709131.41	3.68425	(20021019)
437309.68	3709137.14	3.69898	(20021019)	437331.63	3709142.87	3.69150	(20021019)
437353.57	3709148.61	3.64056	(20021019)	437375.51	3709154.34	3.54616	(20021019)
437397.46	3709160.07	3.48992	(20021019)	437419.40	3709165.81	3.48313	(18021922)
437441.35	3709171.54	3.48632	(17123120)	437463.29	3709177.27	3.49922	(17123120)
437485.23	3709183.00	3.49133	(17123120)	437507.18	3709188.74	3.46492	(17022120)
437529.12	3709194.47	3.49899	(17022120)	437551.07	3709200.20	3.51953	(17022120)
437573.01	3709205.94	3.52396	(17022120)	437594.95	3709211.67	3.52377	(17021020)
437616.90	3709217.40	3.54432	(17021020)	437638.84	3709223.14	3.53814	(17021020)
436496.67	3709293.71	19.40825	(17122620)	436478.80	3709308.09	19.46025	(17122818)
436460.94	3709322.48	19.49628	(21123024)	436443.08	3709336.87	19.50624	(20090520)
436454.90	3709207.77	17.83443	(17122620)	436496.82	3709191.67	17.79733	(18121919)
436517.78	3709183.61	17.75780	(19122301)	436559.70	3709167.51	17.91342	(18011620)

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        436601.62   3709151.40       17.84188  (21020205)               436622.58
3709143.35       17.78489  (18122019)
        436664.50   3709127.24       17.91635  (20121819)               436706.42
3709111.13       17.65362  (18010119)
        436727.38   3709103.08       17.55558  (17021420)               436769.30
3709086.98       17.34528  (21122120)
        436811.22   3709070.87       17.52342  (18121017)               436853.14
3709054.76       17.10409  (18013018)
        436895.06   3709038.66       16.88202  (19120518)               436916.02
3709030.60       17.07008  (19120518)
        436957.94   3709014.50       17.69184  (17072906)               436999.86
3708998.39       17.44930  (17072906)
        437020.82   3708990.34       16.80412  (17072906)               437084.46
3708979.91       17.78456  (21020221)
        437127.91   3708991.26       18.71614  (20010218)               437171.36
3709002.61       15.03019  (19122017)
        437214.81   3709013.96        6.03429  (17120817)               437258.26
3709025.31        3.35778  (17022717)
        437301.71   3709036.66        3.38148  (20021019)               437345.16
3709048.02        3.39243  (20021019)
        437388.61   3709059.37        3.34845  (20021019)               437432.05
3709070.72        3.25441  (18021922)
        437475.50   3709082.07        3.15538  (17123120)               437518.95
3709093.42        3.09576  (17123120)
        437562.40   3709104.77        3.12424  (17022120)               437605.85
3709116.12        3.17289  (17022120)
        437649.30   3709127.48        3.22477  (17021020)               436416.08
3709230.21       17.89230  (21123024)
        436398.22   3709244.60       17.91876  (20090520)               436380.35
3709258.98       17.95531  (21011503)
        436392.00   3709129.96       16.29223  (21011604)               436433.58
3709113.98       16.28623  (18121919)
        436475.15   3709098.01       16.33961  (21120608)               436516.72
3709082.04       16.43455  (18011620)
        436558.30   3709066.06       16.43059  (21020205)               436599.87
3709050.09       16.48379  (18122019)
        436641.44   3709034.12       16.40544  (20121819)               436683.02
3709018.14       16.38321  (17020808)
        436724.59   3709002.17       16.12427  (17021420)               436766.16
3708986.20       16.03838  (17101619)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
```

INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	16.20468	(17012108)	436849.31	3708954.25	15.84257	(18120703)
436890.88	3708938.28	15.69730	(20122924)	436932.46	3708922.31	15.77776	(21013119)
436974.03	3708906.33	15.65826	(18010218)	437015.60	3708890.36	15.47978	(21020202)
437078.72	3708880.02	16.73662	(21020221)	437121.81	3708891.27	17.61749	(19011101)
437164.90	3708902.53	15.48277	(19122017)	437207.99	3708913.79	9.37918	(18011719)
437251.08	3708925.05	3.07443	(19123021)	437294.17	3708936.30	3.09280	(20021019)
437337.26	3708947.56	3.12208	(20021019)	437380.35	3708958.82	3.10763	(20021019)
437423.44	3708970.08	3.02692	(20021019)	437466.53	3708981.33	2.95791	(18021922)
437509.62	3708992.59	2.93327	(17123120)	437552.71	3709003.85	2.88027	(17123120)
437595.80	3709015.11	2.89317	(17022120)	437638.89	3709026.36	2.96116	(17022120)
437681.98	3709037.62	2.98978	(17021020)	437725.07	3709048.88	3.00050	(17021020)
436353.35	3709152.33	16.41074	(20090520)	436335.49	3709166.72	16.43685	(18011119)
436317.63	3709181.10	16.51604	(21011503)	436329.73	3709051.90	15.33282	(20090520)
436350.96	3709043.74	15.29814	(21011604)	436372.19	3709035.59	15.35612	(20110517)
436393.42	3709027.43	15.33136	(20110517)	436414.65	3709019.27	15.28428	(17122319)
436435.89	3709011.11	15.43620	(21120608)	436457.12			

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3709002.96       15.68009  (21120608)
        436478.35   3708994.80       15.51948  (21120608)                436499.58
3708986.64       15.33703  (18011620)
        436520.81   3708978.48       15.23894  (21013020)                436542.05
3708970.33       15.29491  (21020205)
        436563.28   3708962.17       15.24316  (18122019)                436584.51
3708954.01       15.39828  (18122019)
        436605.74   3708945.85       15.36837  (20121819)                436626.97
3708937.70       15.59218  (17020808)
        436648.21   3708929.54       15.63544  (17020808)                436669.44
3708921.38       15.30362  (17020808)
        436690.67   3708913.22       15.23728  (17021420)                436711.90
3708905.06       14.98640  (21122120)
        436733.13   3708896.91       15.07390  (21122120)                436754.37
3708888.75       14.96101  (17101619)
        436775.60   3708880.59       15.14360  (18121017)                436796.83
3708872.43       15.20528  (17012108)
        436818.06   3708864.28       14.97966  (18013018)                436839.29
3708856.12       14.83600  (18120703)
        436860.53   3708847.96       14.92805  (20122924)                436881.76
3708839.80       14.67287  (20122924)
        436902.99   3708831.65       14.75144  (21013119)                436924.22
3708823.49       14.82399  (21013119)
        436945.45   3708815.33       14.57007  (21013119)                436966.69
3708807.17       14.83671  (18010218)
        436987.92   3708799.01       14.79895  (18010218)                437009.15
3708790.86       14.47790  (21020202)
        437030.38   3708782.70       14.16267  (21121818)                437073.62
3708780.29       15.91573  (21020221)
        437095.63   3708786.04       16.50648  (21020221)                437117.64
3708791.79       16.59748  (19011101)
        437139.64   3708797.54       16.21491  (20122403)                437161.65
3708803.29       15.18609  (21122606)
        437183.66   3708809.04       13.10758  (19122017)                437205.66
3708814.79        9.98795  (18011719)
        437227.67   3708820.54        5.55014  (18121619)                437249.68
3708826.29        2.86324  (21011424)
        437271.68   3708832.04        2.85517  (19123021)                437293.69
3708837.78        2.86060  (19123021)
        437315.70   3708843.53        2.87291  (20021019)                437337.70
3708849.28        2.88655  (20021019)
        437359.71   3708855.03        2.88968  (20021019)                437381.72
3708860.78        2.88315  (20021019)
        437403.72   3708866.53        2.86370  (20021019)                437425.73
3708872.28        2.82080  (20021019)
        437447.74   3708878.03        2.77197  (20021019)                437469.74
3708883.78        2.73687  (18021922)
        437491.75   3708889.53        2.71711  (18021922)                437513.75
3708895.28        2.70466  (17123120)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437535.76	3708901.03	2.69523	(17123120)	437557.77	3708906.78	2.68026	(17123120)
437579.77	3708912.53	2.65803	(17123120)	437601.78	3708918.28	2.65987	(17022120)
437623.79	3708924.03	2.67269	(17022120)	437645.79	3708929.78	2.69748	(17022120)
437667.80	3708935.52	2.73653	(17022120)	437689.81	3708941.27	2.74905	(17021020)
437711.81	3708947.02	2.77211	(17021020)	437733.82	3708952.77	2.78444	(17021020)
437755.83	3708958.52	2.78509	(17021020)	437777.83	3708964.27	2.77788	(17021020)
437799.84	3708970.02	2.76162	(17021020)	436308.49	3709060.06	15.30946	(20090520)
436290.63	3709074.45	15.29206	(18011119)	436272.77	3709088.83	15.20132	(19012719)
436254.90	3709103.22	15.40753	(18020219)	436266.83	3708974.09	14.47370	(20090520)
436287.89	3708965.99	14.50857	(20090520)	436308.95	3708957.90	14.45818	(21011604)
436330.01	3708949.81	14.56108	(20110517)	436351.07	3708941.72	14.61183	(20110517)

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        436372.13   3708933.63       14.39127  (17122319)              436393.19
3708925.54       14.42020  (21120608)
        436414.25   3708917.44       14.78203  (21120608)              436435.31
3708909.35       14.85974  (21120608)
        436456.37   3708901.26       14.58947  (18010807)              436477.43
3708893.17       14.46583  (18010807)
        436498.49   3708885.08       14.45122  (21013020)              436519.55
3708876.99       14.43791  (21020103)
        436540.61   3708868.90       14.40498  (18122019)              436561.67
3708860.80       14.48220  (21022619)
        436582.73   3708852.71       14.59335  (17020808)              436603.79
3708844.62       14.89075  (17020808)
        436624.85   3708836.53       14.86615  (17020808)              436645.91
3708828.44       14.52883  (17020808)
        436666.97   3708820.35       14.33625  (17021420)              436688.03
3708812.25       14.13937  (19012821)
        436709.09   3708804.16       14.17750  (21122120)              436730.15
3708796.07       14.08547  (17101619)
        436751.21   3708787.98       14.18433  (18121017)              436772.27
3708779.89       14.27021  (17012108)
        436793.33   3708771.80       14.15291  (17012108)              436814.39
3708763.70       13.96617  (18013018)
        436835.45   3708755.61       14.01069  (20122924)              436856.51
3708747.52       13.99099  (20122924)
        436877.57   3708739.43       13.73383  (19120518)              436898.63
3708731.34       13.92419  (21013119)
        436919.69   3708723.25       13.95878  (21013119)              436940.75
3708715.15       13.74173  (21102719)
        436961.81   3708707.06       13.88445  (18010218)              436982.87
3708698.97       13.70754  (18010218)
        437003.93   3708690.88       13.54337  (21121818)              437024.99
3708682.79       13.60372  (17122318)
        437067.88   3708680.40       15.21146  (21020221)              437089.71
3708686.10       15.73798  (21020221)
        437111.54   3708691.80       15.68938  (20123006)              437133.37
3708697.51       15.49290  (20122403)
        437155.20   3708703.21       14.49649  (21122606)              437177.02
3708708.91       12.76248  (19122017)
        437220.68   3708720.32        7.21166  (18020419)              437242.51
3708726.02        3.82021  (17120817)
        437264.34   3708731.72        2.64504  (19123021)              437286.17
3708737.43        2.65872  (19123021)
        437308.00   3708743.13        2.66224  (19123021)              437351.65
3708754.54        2.68462  (20021019)
        437373.48   3708760.24        2.68430  (20021019)              437395.31
3708765.94        2.67763  (20021019)
        437417.14   3708771.64        2.66408  (20021019)              437438.97
3708777.35        2.64167  (20021019)
        437460.79   3708783.05        2.60802  (20021019)              437482.62
3708788.75        2.55903  (18021922)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.56242	(17022120)	437722.74	3708851.48	2.55954	(17021020)
437744.56	3708857.19	2.57837	(17021020)	437766.39	3708862.89	2.58955	(17021020)
437810.05	3708874.30	2.58647	(17021020)	437831.88	3708880.00	2.57161	(17021020)
437853.71	3708885.70	2.54799	(17021020)	436245.77	3708982.18	14.35241	(18011119)
436227.91	3708996.56	14.35804	(19012719)	436210.04	3709010.95	14.40968	(18020219)
436192.18	3709025.34	14.59090	(18020219)	436203.96	3708896.26	13.64769	(19012719)
436245.78	3708880.19	14.02325	(17070206)	436287.61			

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3708864.12       14.10834  (20110517)
        436329.44   3708848.05       14.09865  (20110517)                436371.26
3708831.98       14.23528  (21120608)
        436413.09   3708815.91       14.11633  (21120608)                436454.92
3708799.84       13.73818  (21010507)
        436496.75   3708783.77       13.72244  (21020103)                436538.57
3708767.70       13.79250  (17121318)
        436580.40   3708751.63       14.27148  (17020808)                436622.23
3708735.56       13.72131  (17020808)
        436664.05   3708719.49       13.37242  (17021420)                436705.88
3708703.41       13.28055  (17101619)
        436747.71   3708687.34       13.43357  (18121017)                436789.53
3708671.27       13.28844  (18013018)
        436831.36   3708655.20       13.27204  (20122924)                436873.19
3708639.13       12.93433  (21013119)
        436915.01   3708623.06       13.07550  (21013119)                436956.84
3708606.99       13.09430  (18010218)
        436998.67   3708590.92       12.73901  (21121818)                437062.17
3708580.51       13.97016  (21020221)
        437105.52   3708591.84       14.59709  (21020221)                437148.87
3708603.17       14.60830  (20010218)
        437192.23   3708614.49       12.27416  (19122017)                437235.58
3708625.82        7.04339  (18011719)
        437278.93   3708637.15        2.47261  (19123021)                437322.29
3708648.47        2.48321  (19123021)
        437365.64   3708659.80        2.48849  (20021019)                437408.99
3708671.12        2.46825  (20021019)
        437452.34   3708682.45        2.43378  (20021019)                437495.70
3708693.78        2.36599  (20021019)
        437539.05   3708705.10        2.33542  (18021922)                437582.40
3708716.43        2.33200  (17123120)
        437625.75   3708727.75        2.33394  (17123120)                437669.11
3708739.08        2.36433  (17022120)
        437712.46   3708750.41        2.38782  (17022120)                437755.81
3708761.73        2.38717  (17021020)
        437799.17   3708773.06        2.41590  (17021020)                437842.52
3708784.39        2.41506  (17021020)
        437885.87   3708795.71        2.38207  (17021020)                436165.18
3708918.68       13.61644  (18020219)
        436147.32   3708933.07       13.79813  (18020219)                436129.45
3708947.46       13.67847  (18020219)
        437017.12   3710105.60       44.45045  (17020905)                436994.30
3710140.34       59.54252  (20120618)
        436986.74   3710060.78       50.49974  (20120618)                436963.92
3710095.51       57.90281  (17021222)
        436955.38   3710021.84       52.62570  (18121017)                436933.55
3710050.69       55.78128  (17020808)
        436910.73   3710085.43       55.17336  (17020808)                436917.07
3709990.56       50.24363  (17020808)
        436891.76   3710023.24       47.07339  (17020808)                436868.94
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3710057.97   47.02983 (21120608)
        436874.41   3709964.06   44.34926 (17020808)   436849.97
3709995.78   42.46686 (21120608)
        436827.15   3710030.52   44.31008 (21120608)   436832.10
3709937.18   39.96251 (21120608)
        436857.13   3709909.61   43.58742 (17020808)   436808.18
3709968.33   40.73479 (21120608)
        436785.36   3710003.06   41.44403 (21011604)   436789.97
3709910.11   38.60324 (21120608)
        436814.29   3709883.30   39.23736 (21120608)   436766.39
3709940.87   38.04492 (20110517)
        436743.57   3709975.61   39.14966 (20090520)   436749.92
3709880.74   35.43003 (20110517)
        436777.72   3709850.11   35.80205 (21120608)   436724.61
3709913.42   35.81652 (20090520)
        436701.79   3709948.15   37.17742 (18020219)   436707.63
3709853.83   33.04063 (21011604)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436734.44   3709824.29   33.22217 (20110517)   436761.25
3709794.76   33.42963 (21120608)
        436682.82   3709885.96   33.58215 (19012719)   436660.00
3709920.70   36.72719 (20012122)

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        436665.47   3709826.78       31.26370  (20090520)                436691.54
3709798.07       31.60723  (20110517)
        436717.60   3709769.35       30.91445  (21120608)                436641.03
3709858.51       32.61131  (18020219)
        436618.21   3709893.24       36.81467  (20012122)                436582.77
3709770.92       29.27053  (20012122)
        436610.57   3709740.29       27.97862  (18011119)                436638.37
3709709.66       27.78814  (20090520)
        436666.17   3709679.03       27.36847  (20110517)                436557.46
3709803.60       32.31289  (20012122)
        436534.64   3709838.33       30.86605  (20012122)                436498.56
3709716.70       28.70167  (20012122)
        436525.10   3709687.46       27.01124  (20012122)                436551.63
3709658.23       25.71318  (18020219)
        436578.17   3709628.99       25.70935  (20090520)                436604.71
3709599.75       25.65683  (17122818)
        436473.88   3709748.69       26.86999  (21121703)                436451.06
3709783.42       29.02421  (18101406)
        436415.61   3709661.10       24.23850  (21121703)                436443.42
3709630.47       25.92615  (20012122)
        436471.22   3709599.84       24.65699  (20012122)                436499.02
3709569.21       23.83963  (18020219)
        436526.82   3709538.58       23.85521  (18011119)                436390.30
3709693.78       25.64625  (18101406)
        436367.48   3709728.51       26.70302  (20121403)                436331.54
3709606.73       23.27610  (18101406)
        436358.35   3709577.20       22.29315  (21121703)                436385.16
3709547.66       23.65660  (20012122)
        436411.97   3709518.13       23.21665  (20012122)                436438.78
3709488.59       21.99363  (18020219)
        436465.59   3709459.05       21.79012  (21011503)                436306.73
3709638.87       23.87107  (20121403)
        436283.91   3709673.60       24.81590  (20121403)                436248.46
3709551.28       21.78196  (18101406)
        436276.26   3709520.65       21.14165  (18101406)                436304.07
3709490.02       20.56525  (21121703)
        436331.87   3709459.39       21.61650  (20012122)                436359.67
3709428.76       21.16077  (20012122)
        436387.47   3709398.13       19.98826  (21011221)                436415.27
3709367.50       19.73573  (21011503)
        436223.15   3709583.96       22.68089  (20121403)                436200.33
3709618.69       21.36864  (20121403)
        436164.48   3709496.82       20.82356  (20121403)                436191.46
3709467.09       20.11178  (18101406)
        436218.45   3709437.36       19.41939  (18101406)                436245.43
3709407.63       18.95258  (21121703)
        436272.41   3709377.90       19.69961  (20012122)                436299.40
3709348.17       19.74368  (20012122)
        436326.38   3709318.44       18.37678  (21011221)                436353.37
3709288.71       18.02735  (18020219)
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        436139.58   3709529.05       20.07425  (20121403)               436116.76
3709563.78       19.94898  (19111203)
        436081.31   3709441.46       18.87737  (20121403)               436109.11
3709410.83       19.16396  (20121403)
        436136.92   3709380.20       18.64790  (18101406)               436164.72
3709349.57       17.66686  (18101406)
        436192.52   3709318.94       17.61760  (21121703)               436220.32
3709288.31       18.27675  (20012122)
        436248.12   3709257.68       18.21195  (20012122)               436275.92
3709227.05       17.03885  (21011221)
        436056.00   3709474.14       18.17434  (19111203)               436033.18
3709508.87       17.83569  (19111203)
        435997.39   3709386.93       16.67099  (19111203)               436024.49
3709357.07       17.78216  (20121403)
        436051.60   3709327.20       17.71832  (20121403)               436078.71
3709297.34       17.34443  (18101406)
        436105.82   3709267.47       16.44954  (18101406)               436132.92
3709237.61       16.36832  (21121703)
        436160.03   3709207.75       16.75589  (20012122)               436187.14
3709177.88       17.08741  (20012122)
        436214.24   3709148.02       16.01732  (20012122)               435972.42
3709419.23       16.77572  (19111203)
        435949.60   3709453.96       16.29914  (21122223)               435914.16
3709331.64       15.96512  (19111203)
        435941.96   3709301.01       15.67306  (20121403)               435969.76
3709270.38       16.71212  (20121403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435997.57	3709239.75	16.24347	(20121403)	436025.37	3709209.12	16.13618	(18101406)
436053.17	3709178.49	15.01166	(18101406)	436080.97	3709147.86	15.24798	(21121703)
436108.77	3709117.23	15.73853	(20012122)	436136.57	3709086.60	15.95998	(20012122)
436164.38	3709055.97	14.90303	(20012122)	435888.85	3709364.32	15.04106	(19111203)
435866.03	3709399.05	15.69423	(21122223)	435830.28	3709277.06	14.75786	(19111203)
435857.48	3709247.10	14.99248	(19111203)	435884.68	3709217.13	14.98700	(20121403)
435911.87	3709187.17	15.68246	(20121403)	435939.07	3709157.20	15.09285	(20121403)
435966.27	3709127.24	15.08822	(18101406)	435993.47	3709097.28	14.11650	(18101406)
436020.66	3709067.31	14.27881	(21121703)	436047.86	3709037.35	14.49332	(20012122)
436075.06	3709007.38	15.00166	(20012122)	436102.26	3708977.42	14.40617	(20012122)
435805.27	3709309.41	14.49419	(21122223)	435782.45	3709344.14	14.73461	(21122223)
436986.12	3710169.40	66.36365	(20120618)	436986.86	3710192.47	69.39182	(20120618)
436987.61	3710215.54	72.27558	(17021222)	436941.60	3710151.64	65.85572	(17020808)
436936.89	3710194.09	68.18499	(17020808)	436937.63	3710217.16	69.80271	(17020808)
436892.31	3710150.83	55.84893	(21120608)	436898.45	3710129.03	53.51991	(21120608)
436904.59	3710107.23	52.60743	(17020808)	436886.17	3710172.63	57.10747	(21120608)
436886.91	3710195.70	58.60885	(20110517)	436887.66	3710218.77	61.05748	(20110517)
436841.65	3710154.87	53.92267	(20090520)	436852.57	3710116.11	50.44881	(20110517)
436836.94	3710197.32	57.27574	(18020219)	436837.68	3710220.39	61.17159	(20012122)
436792.07	3710155.10	54.82586	(20012122)	436803.76	3710113.57	49.21909	(18011119)
436815.46	3710072.04	46.51157	(21011604)	436786.97	3710198.93	58.67426	(20012122)
436787.71	3710222.00	58.84732	(20012122)	436742.39	3710155.67	51.59486	(20012122)
436748.53	3710133.87	52.55275	(20012122)	436754.66			

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3710112.07       51.35888  (20012122)
        436760.80   3710090.27       48.15625  (20012122)                436766.94
3710068.47       45.55325  (18020219)
        436773.08   3710046.66       44.06202  (18011119)                436779.22
3710024.86       43.10005  (20090520)
        436736.25   3710177.47       52.89803  (21112723)                436736.99
3710200.54       54.80255  (21112723)
        436737.74   3710223.61       57.48453  (20121403)                436692.00
3710158.74       51.20294  (20121403)
        436703.46   3710118.04       47.44216  (21112723)                436714.92
3710077.35       48.10344  (20012122)
        436726.38   3710036.65       44.43247  (20012122)                436687.02
3710202.16       51.97325  (20121403)
        436687.76   3710225.23       50.79018  (21011719)                436642.25
3710159.56       46.31344  (20121403)
        436654.16   3710117.28       47.61244  (20121403)                436666.07
3710075.00       44.51783  (21112723)
        436677.97   3710032.71       44.02082  (20012122)                436689.88
3709990.43       41.81109  (20012122)
        436637.04   3710203.77       46.85440  (21011603)                436637.79
3710226.84       47.87870  (21011208)
        436592.46   3710160.51       42.92920  (21011603)                436598.60
3710138.71       42.66579  (21011719)
        436604.74   3710116.91       42.58577  (20121403)                436610.88
3710095.11       44.39965  (20121403)
        436617.02   3710073.31       44.30992  (20121403)                436623.16
3710051.51       42.60556  (21112723)
        436629.30   3710029.70       41.53930  (21112723)                436635.44
3710007.90       38.91158  (21011601)
        436641.58   3709986.10       40.14086  (20012122)                436647.72
3709964.30       40.37016  (20012122)
        436653.86   3709942.50       39.16318  (20012122)                436586.32
3710182.31       43.60464  (20122108)
        436587.07   3710205.38       44.72778  (20122108)                436587.81
3710228.45       44.98365  (18020421)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                 INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                 L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                 L0003997    , L0003998    , L0003999    , L0004000    , L0004001
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, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436542.20   3710163.16   40.97075 (20122108)   436553.89
3710121.64   39.87602 (21011603)
        436565.59   3710080.11   39.39773 (19111203)   436577.28
3710038.58   41.42358 (20121403)
        436588.98   3709997.06   39.25248 (21112723)   436600.67
3709955.53   35.87043 (21011601)
        436537.10   3710207.00   41.72849 (18020421)   436537.84
3710230.07   42.45709 (18011208)
        436442.54   3710165.35   36.90548 (20022804)   436448.68
3710143.55   36.33051 (20022806)
        436454.82   3710121.75   36.21589 (18020421)   436460.96
3710099.95   35.47600 (20122106)
        436467.10   3710078.15   34.95805 (20122108)   436473.24
3710056.35   35.26366 (21122223)
        436479.38   3710034.55   34.67193 (21122223)   436485.52
3710012.74   34.55776 (19111203)
        436491.66   3709990.94   34.53864 (19111203)   436497.80
3709969.14   35.22925 (20121403)
        436503.94   3709947.34   35.90537 (20121403)   436510.08
3709925.54   35.24937 (20121403)
        436516.22   3709903.74   33.98223 (18101406)   436522.36
3709881.93   33.15422 (18101406)
        436528.50   3709860.13   31.25670 (18101406)   436436.40
3710187.16   37.25727 (21011406)
        436437.15   3710210.23   39.10903 (19120805)   436437.89
3710233.30   41.29157 (19120805)
        436342.49   3710168.96   35.60062 (19120805)   436354.55
3710126.13   32.73235 (21011406)
        436366.61   3710083.29   31.92442 (20022102)   436378.68
3710040.45   31.39767 (18020421)
        436390.74   3709997.61   30.75959 (21122223)   436402.80
3709954.77   30.95120 (21122223)
        436414.87   3709911.94   30.58590 (19111203)   436426.93
3709869.10   31.25562 (20121403)
        436439.00   3709826.26   30.58997 (20121403)   436337.20
3710213.45   34.70860 (19120805)

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        436337.94   3710236.52       37.67745  (21090405)                436242.74
3710171.46       31.47491  (21090405)
        436248.98   3710149.32       30.95697  (19120805)                436255.22
3710127.17       31.87848  (19120805)
        436261.45   3710105.02       31.37645  (19120805)                436267.69
3710082.87       30.03750  (21040903)
        436273.93   3710060.73       29.00149  (21011406)                436280.17
3710038.58       28.74642  (20022804)
        436286.40   3710016.43       28.37798  (20022102)                436292.64
3709994.28       28.35781  (21021004)
        436298.88   3709972.14       27.94722  (18020421)                436305.11
3709949.99       27.40624  (20122106)
        436311.35   3709927.84       27.10172  (17121921)                436317.59
3709905.69       28.06883  (21122223)
        436323.82   3709883.54       28.02279  (21122223)                436330.06
3709861.40       26.88705  (21122223)
        436336.30   3709839.25       27.14440  (19111203)                436342.54
3709817.10       26.96884  (19111203)
        436348.77   3709794.95       26.83247  (20121403)                436355.01
3709772.81       27.64252  (20121403)
        436361.25   3709750.66       27.59519  (20121403)                436236.51
3710193.61       34.94002  (21090405)
        436237.25   3710216.68       36.99393  (21090405)                436238.00
3710239.75       37.53696  (21090405)
        436142.70   3710175.04       33.30092  (21090405)                436148.84
3710153.24       32.15861  (21090405)
        436154.98   3710131.43       29.61900  (21090405)                436161.12
3710109.63       26.58366  (18011324)
        436167.26   3710087.83       28.06564  (19120805)                436173.40
3710066.03       28.53601  (19120805)
        436179.54   3710044.23       27.91370  (19120805)                436185.68
3710022.43       27.04135  (21040903)
        436191.81   3710000.62       26.18239  (21040903)                436197.95
3709978.82       25.79059  (20022804)
        436204.09   3709957.02       25.46101  (20022102)                436210.23
3709935.22       25.54241  (21021004)
        436216.37   3709913.42       25.44740  (21021004)                436222.51
3709891.62       24.86969  (20122106)
        436228.65   3709869.82       24.50903  (20020202)                436234.79
3709848.01       24.46241  (21122223)
        436240.93   3709826.21       25.31803  (21122223)                436247.07
3709804.41       25.28140  (21122223)
        436253.21   3709782.61       24.37322  (21122223)                436259.35
3709760.81       24.30305  (19111203)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	24.45991	(19111203)	436271.63	3709717.20	23.86704	(19111203)
436277.77	3709695.40	24.40024	(20121403)	436136.56	3710196.84	32.86145	(21090405)
436137.30	3710219.91	31.31479	(21090405)	436138.05	3710242.98	31.95747	(18121805)
436042.67	3710178.53	27.44588	(21090405)	436054.80	3710135.47	30.24718	(21090405)
436066.93	3710092.40	27.90229	(21090405)	436072.99	3710070.87	25.17695	(21090405)
436085.12	3710027.81	25.58175	(19120805)	436097.25	3709984.74	25.15263	(19120805)
436109.38	3709941.68	23.89435	(21040903)	436121.50	3709898.61	23.03110	(18011405)
436133.63	3709855.55	23.24258	(21021004)	436145.76	3709812.48	22.23432	(20122106)
436157.89	3709769.42	22.17179	(21122223)	436170.01	3709726.35	22.90090	(21122223)
436182.14	3709683.29	21.58769	(19111203)	436037.36	3710223.14	30.13877	(19062806)
436038.10	3710246.21	30.45011	(19062806)	435942.87	3710181.24	27.37206	(19062806)
435949.08	3710159.19	26.04475	(18121805)	435955.29	3710137.14	24.71537	(21090405)
435961.50	3710115.09	26.69085	(21090405)	435967.71	3710093.03	27.56538	(21090405)
435973.92	3710070.98	27.26794	(21090405)	435980.13			

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3710048.93       25.86043  (21090405)
        435986.34   3710026.88       23.53601  (21090405)                435992.55
3710004.82       21.76320  (17013024)
        435998.76   3709982.77       22.86565  (19120805)                436004.97
3709960.72       23.50641  (19120805)
        436011.18   3709938.67       23.30795  (19120805)                436017.39
3709916.62       22.46043  (21040903)
        436023.60   3709894.56       22.33278  (21040903)                436029.81
3709872.51       21.41399  (21040903)
        436036.02   3709850.46       21.17546  (20022804)                436042.23
3709828.41       20.88600  (20022102)
        436048.44   3709806.36       21.03051  (21021004)                436054.66
3709784.30       21.26925  (21021004)
        436060.87   3709762.25       20.78256  (21021004)                436067.08
3709740.20       20.27178  (20122106)
        436073.29   3709718.15       19.97219  (20020202)                436079.50
3709696.10       19.85550  (21122223)
        436085.71   3709674.04       20.55564  (21122223)                436091.92
3709651.99       20.70323  (21122223)
        436098.13   3709629.94       20.25713  (21122223)                436104.34
3709607.89       19.33836  (19111203)
        436110.55   3709585.83       19.91117  (19111203)                435936.66
3710203.29       27.46570  (19062806)
        435937.41   3710226.36       28.43422  (20101104)                435938.15
3710249.43       28.76007  (20101104)
        435842.85   3710184.72       25.81372  (20101104)                435848.99
3710162.92       25.32562  (19062806)
        435855.13   3710141.12       25.13871  (19062806)                435861.27
3710119.32       23.90346  (19062806)
        435867.41   3710097.51       22.24083  (21090405)                435873.55
3710075.71       24.15933  (21090405)
        435879.69   3710053.91       25.19914  (21090405)                435885.83
3710032.11       25.26053  (21090405)
        435891.97   3710010.31       24.36808  (21090405)                435898.11
3709988.51       22.63619  (21090405)
        435904.25   3709966.70       20.26636  (21090405)                435910.39
3709944.90       20.07263  (19120805)
        435916.53   3709923.10       21.11607  (19120805)                435922.67
3709901.30       21.55348  (19120805)
        435928.81   3709879.50       21.29872  (19120805)                435934.95
3709857.70       20.63428  (21040903)
        435941.09   3709835.90       20.55261  (21040903)                435947.23
3709814.09       19.80916  (21040903)
        435953.37   3709792.29       19.39776  (20022804)                435959.51
3709770.49       19.24749  (18011405)
        435965.65   3709748.69       19.09184  (20022102)                435971.78
3709726.89       19.52049  (21021004)
        435977.92   3709705.09       19.30543  (21021004)                435984.06
3709683.28       18.46479  (21021004)
        435990.20   3709661.48       18.12572  (20122106)                435996.34
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                          *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
                          INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
             L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
             L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
             L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

    X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
 -
- -
  436014.76 3709574.28 18.69554 (21122223) 436020.90
3709552.48 18.35044 (21122223)
  436027.04 3709530.67 17.57380 (21122223) 435836.72
3710206.52 26.07711 (20101104)
  435837.46 3710229.59 25.41119 (20101104) 435838.21
3710252.66 24.36575 (21070705)
  435742.85 3710188.16 23.70550 (20101104) 435748.93
3710166.56 24.19965 (20101104)
  435761.09 3710123.37 23.45442 (19062806) 435773.25
3710080.19 22.08549 (18121805)
  435779.33 3710058.59 20.44363 (18121805) 435791.50
3710015.40 23.06488 (21090405)
  435797.58 3709993.81 23.41688 (21090405) 435809.74
3709950.62 21.71184 (21090405)
  435821.90 3709907.43 18.29361 (17013024) 435827.98
3709885.84 18.76887 (19120805)
  435840.15 3709842.65 19.84742 (19120805) 435846.23
3709821.06 19.56672 (19120805)

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        435858.39   3709777.87       18.87052  (21040903)               435870.55
3709734.68       17.61536  (21011402)
        435876.63   3709713.09       17.48383  (20022804)               435888.79
3709669.90       17.35441  (21021004)
        435894.87   3709648.31       17.52145  (21021004)               435907.04
3709605.12       16.79579  (18020101)
        435919.20   3709561.93       16.89128  (20122108)               435925.28
3709540.34       16.76511  (20122108)
        435937.44   3709497.15       17.19833  (21122223)               435737.51
3710232.82       22.30684  (21070705)
        435738.26   3710255.89       23.56190  (20102504)               435643.01
3710190.98       20.93186  (21070705)
        435649.21   3710168.98       21.19454  (20101104)               435655.40
3710146.98       22.21910  (20101104)
        435661.60   3710124.98       22.40215  (20101104)               435667.79
3710102.99       21.67811  (20101104)
        435673.99   3710080.99       21.71311  (19062806)               435680.18
3710058.99       21.35351  (18121805)
        435686.38   3710036.99       20.35422  (18121805)               435692.57
3710015.00       18.76355  (18121805)
        435698.77   3709993.00       20.33319  (21090405)               435704.96
3709971.00       21.41592  (21090405)
        435711.16   3709949.00       21.77317  (21090405)               435717.35
3709927.00       21.38895  (21090405)
        435723.55   3709905.01       20.31492  (21090405)               435729.74
3709883.01       18.66200  (21090405)
        435735.94   3709861.01       16.81976  (17013024)               435742.13
3709839.01       17.13520  (19120805)
        435748.33   3709817.01       17.99524  (19120805)               435754.52
3709795.02       18.38951  (19120805)
        435760.72   3709773.02       18.31848  (19120805)               435766.91
3709751.02       17.78112  (19120805)
        435773.11   3709729.02       17.47092  (21040903)               435779.30
3709707.02       17.12918  (21040903)
        435785.50   3709685.03       16.33947  (19121508)               435791.69
3709663.03       16.25296  (21011402)
        435797.89   3709641.03       16.23501  (18011208)               435804.08
3709619.03       15.97436  (18011208)
        435810.28   3709597.03       16.00506  (21021004)               435816.47
3709575.04       16.06614  (21021004)
        435822.66   3709553.04       15.76388  (18020421)               435828.86
3709531.04       15.54498  (20122106)
        435835.05   3709509.04       15.68480  (20122108)               435841.25
3709487.04       15.85978  (20122108)
        435847.44   3709465.05       15.74036  (20122108)               435853.64
3709443.05       15.75349  (21011208)
        435859.83   3709421.05       15.86866  (21122223)               435636.82
3710212.98       20.89798  (20102504)
        435637.56   3710236.05       22.31554  (20102504)               435638.31
3710259.12       22.95085  (20102504)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	19.83744	(21090405)	435622.83	3709910.98	20.41061	(21090405)
435628.96	3709889.18	20.33120	(21090405)	435635.10	3709867.38	19.62168	(21090405)
435641.24	3709845.58	18.36028	(21090405)	435647.38	3709823.78	16.66548	(21090405)
435653.52	3709801.98	15.70779	(19121808)	435659.66	3709780.17	16.37985	(19120805)
435665.80	3709758.37	16.97548	(19120805)	435671.94			

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3709736.57       17.22856  (19120805)
        435678.08   3709714.77       17.11200  (19120805)                435684.22
3709692.97       16.62262  (19120805)
        435690.36   3709671.17       16.14842  (21040903)                435696.50
3709649.36       15.92708  (21040903)
        435702.64   3709627.56       15.29326  (21040903)                435708.78
3709605.76       15.25963  (19121508)
        435714.92   3709583.96       15.42297  (18011208)                435721.06
3709562.16       15.38596  (18011208)
        435727.20   3709540.36       15.17474  (18120808)                435733.34
3709518.56       15.03514  (18120808)
        435739.48   3709496.75       14.76477  (18020421)                435745.62
3709474.95       14.70112  (18020421)
        435751.76   3709453.15       14.51867  (20122108)                435757.89
3709431.35       14.85995  (20122108)
        435764.03   3709409.55       14.95705  (20122108)                435770.17
3709387.75       14.89855  (21011208)
        435776.31   3709365.94       14.89967  (21011208)                435536.87
3710216.20       20.98128  (20102504)
        435537.62   3710239.27       21.23455  (20102504)                435538.36
3710262.34       21.23163  (21110223)
        436998.29   3710253.17       73.85483  (20120618)                437006.23
3710275.99       73.56130  (20120618)
        437014.16   3710298.81       77.89396  (18122018)                436943.13
3710246.78       74.77383  (21120608)
        436951.07   3710269.60       80.15521  (18122019)                436959.00
3710292.42       86.13334  (18011620)
        436966.94   3710315.24       91.83813  (18011620)                436891.78
3710240.99       63.37379  (20110517)
        436895.90   3710263.20       65.51837  (20110517)                436903.84
3710286.02       69.50609  (17070206)
        436911.78   3710308.84       74.59613  (20110517)                436919.71
3710331.66       80.67209  (20090520)
        436845.01   3710259.88       67.18417  (20012122)                436856.62
3710302.45       71.84878  (20012122)
        436864.55   3710325.27       74.10447  (20012122)                436872.49
3710348.09       76.34158  (20012122)
        436798.02   3710277.54       63.57932  (21112723)                436809.39
3710318.87       69.13242  (20121403)
        436817.33   3710341.69       71.53964  (20121403)                436825.26
3710364.51       73.41964  (20121403)
        436750.11   3710290.26       59.70955  (20121403)                436745.98
3710268.05       59.90622  (20121403)
        436741.86   3710245.83       59.14668  (20121403)                436754.23
3710312.48       59.84062  (21011719)
        436762.16   3710335.30       61.80371  (21011603)                436770.10
3710358.12       64.72172  (21011208)
        436778.04   3710380.94       67.53259  (20122108)                436703.15
3710308.17       56.79145  (20122108)
        436695.46   3710266.70       53.24917  (21011603)                436714.94
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3710351.72   58.73011 (18020421)
        436722.88   3710374.54   60.87222 (18011208)   436730.81
3710397.36   63.40994 (18011208)
        436655.38   3710321.63   53.07919 (18011208)   436650.98
3710297.93   51.46606 (18020421)
        436646.58   3710274.24   50.65513 (20122108)   436642.19
3710250.54   49.83404 (20122108)
        436659.78   3710345.33   54.97750 (21011402)   436667.71
3710368.15   57.92125 (19120805)
        436675.65   3710390.97   62.20236 (19120805)   436683.59
3710413.79   64.91960 (19120805)
        436608.43   3710339.54   53.84028 (19120805)   436604.31
3710317.32   49.91888 (19120805)
        436600.18   3710295.10   48.68440 (21011402)   436591.94
3710250.67   46.00554 (18020421)
        436612.55   3710361.75   56.23732 (19120805)   436620.49
3710384.57   57.29482 (19120805)
        436628.43   3710407.39   60.77115 (21090405)   436636.36
3710430.21   65.78657 (21090405)
        436561.40   3710357.02   50.81771 (21090405)   436553.55
3710314.70   50.15899 (19120805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        436545.69   3710272.38       44.85255  (21011402)                436573.26
3710401.00       59.66720  (21090405)
        436581.20   3710423.82       61.42839  (21090405)                436589.14
3710446.64       60.75833  (21090405)
        436466.75   3710388.81       48.99158  (18121805)                436462.63
3710366.59       50.61984  (21090405)
        436454.38   3710322.16       47.96375  (21090405)                436450.26
3710299.94       44.07352  (21090405)
        436446.14   3710277.73       41.83624  (19120805)                436442.02
3710255.51       42.18953  (19120805)
        436470.88   3710411.03       52.21600  (18121805)                436478.81
3710433.85       53.52753  (18121805)
        436486.75   3710456.67       53.81068  (20101104)                436494.69
3710479.49       53.16090  (20101104)
        436372.15   3710420.84       45.95959  (20101104)                436367.87
3710397.80       45.50549  (20101104)
        436363.60   3710374.76       45.28570  (18121805)                436359.32
3710351.72       43.54944  (18121805)
        436355.05   3710328.68       41.80259  (21090405)                436350.77
3710305.64       43.28044  (21090405)
        436346.50   3710282.60       42.95361  (21090405)                436342.22
3710259.56       40.97505  (21090405)
        436376.43   3710443.88       44.38320  (20112424)                436384.36
3710466.70       47.96773  (20112424)
        436392.30   3710489.52       49.66935  (19121506)                436400.24
3710512.34       50.08415  (19121506)
        436277.58   3710453.03       42.69709  (20112424)                436273.18
3710429.33       41.38067  (20112424)
        436268.78   3710405.63       38.11608  (20101104)                436264.38
3710381.94       40.18464  (20101104)
        436259.99   3710358.24       40.11502  (20101104)                436255.59
3710334.54       39.33400  (18121805)
        436251.19   3710310.84       38.38267  (18121805)                436246.79
3710287.15       35.90689  (18121805)
        436242.39   3710263.45       36.71270  (21090405)                436281.98
3710476.73       43.13591  (19121506)
        436289.91   3710499.55       41.54893  (19121506)                436297.85
3710522.37       39.93421  (21110503)
        436305.79   3710545.19       43.15783  (21110503)                436183.40
3710487.36       34.17735  (19121506)
        436175.16   3710442.93       38.16613  (19121506)                436171.03
3710420.71       37.75595  (20112424)
        436166.91   3710398.49       36.73923  (20112424)                436162.79
3710376.28       34.21125  (20112424)
        436158.66   3710354.06       34.81190  (20101104)                436154.54
3710331.84       35.81189  (20101104)
        436146.29   3710287.41       34.39108  (18121805)                436142.17
3710265.19       33.70404  (18121805)
        436187.52   3710509.57       36.41186  (21110503)                436195.46
3710532.39       38.57120  (21110503)
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        436203.40   3710555.21       38.62240  (21110503)               436211.33
3710578.03       36.77426  (21123108)
        436088.85   3710519.64       34.75649  (21110503)               436084.62
3710496.85       33.39676  (21110503)
        436080.39   3710474.07       30.58620  (20040703)               436076.16
3710451.28       31.57469  (19121506)
        436071.93   3710428.49       33.62043  (21110223)               436067.70
3710405.71       34.03371  (21110223)
        436063.47   3710382.92       33.64831  (20102504)               436059.24
3710360.14       32.31907  (20102504)
        436055.02   3710337.35       29.76431  (20112424)               436050.79
3710314.56       31.02243  (20101104)
        436046.56   3710291.78       32.00026  (20101104)               436042.33
3710268.99       31.65029  (20101104)
        436093.07   3710542.42       34.19125  (21110503)               436101.01
3710565.24       32.94923  (21123108)
        436108.95   3710588.06       33.50354  (21120204)               436116.88
3710610.88       35.25042  (20020723)
        435994.30   3710552.00       29.87586  (21123108)               435989.98
3710528.72       30.79554  (21110503)
        435985.67   3710505.45       31.53954  (21110503)               435981.35
3710482.18       30.56469  (21110503)
        435977.03   3710458.90       28.12134  (21110503)               435972.71
3710435.63       27.77099  (20040703)
        435968.39   3710412.35       29.49800  (21110223)               435964.07
3710389.08       30.66364  (21110223)
        435959.75   3710365.81       30.46502  (20102504)               435955.43
3710342.53       30.10322  (20102504)
        435951.11   3710319.26       28.46814  (20102504)               435946.79
3710295.98       26.60669  (21070705)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 257
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                 INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                 L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                 L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                 L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	27.96819	(20101104)	435998.62	3710575.27	30.24358	(21120204)
436006.56	3710598.09	30.50420	(20020723)	436014.50	3710620.91	33.05236	(20020723)
436022.43	3710643.73	33.99805	(20020723)	435899.77	3710584.43	27.61501	(21120204)
435895.38	3710560.73	27.39741	(21120204)	435890.98	3710537.03	27.19237	(21123108)
435886.58	3710513.33	27.81131	(21110503)	435882.18	3710489.64	28.62349	(21110503)
435877.79	3710465.94	27.85626	(21110503)	435873.39	3710442.24	25.78648	(21110503)
435868.99	3710418.54	25.57141	(20040703)	435864.59	3710394.85	25.76739	(21110223)
435860.19	3710371.15	27.27905	(21110223)	435855.80	3710347.45	27.63084	(21110223)
435851.40	3710323.75	27.50085	(20102504)	435847.00	3710300.06	26.63867	(20102504)
435842.60	3710276.36	24.75749	(20102504)	435904.17	3710608.12	28.99433	(20020723)
435912.11	3710630.94	30.26761	(20020723)	435920.05	3710653.76	30.07941	(20020723)
435927.98	3710676.58	28.37960	(20020723)	435805.52	3710618.32	27.20423	(20020723)
435801.31	3710595.67	25.83974	(20020723)	435797.11	3710573.02	25.20249	(21120204)
435792.91	3710550.36	25.11188	(21120204)	435788.70	3710527.71	24.88476	(21123108)
435784.50	3710505.06	24.90265	(21110503)	435780.30	3710482.41	25.92031	(21110503)
435776.09	3710459.76	25.77253	(21110503)	435771.89	3710437.10	24.55450	(21110503)
435767.68	3710414.45	23.11599	(20040703)	435763.48	3710391.80	23.27123	(20040703)
435759.28	3710369.15	23.31231	(21110223)	435755.07	3710346.50	24.70745	(21110223)
435750.87	3710323.84	25.18524	(21110223)	435746.66	3710301.19	25.06534	(20102504)
435742.46	3710278.54	24.72661	(20102504)	435809.72	3710640.97	27.41210	(20020723)
435817.66	3710663.79	26.47367	(20020723)	435825.60			

3710686.61   24.36542 (20020723)
        435833.53   3710709.43   21.95487 (17021608)   435711.00
3710650.78   25.37351 (20020723)
        435706.72   3710627.74   25.57727 (20020723)   435702.44
3710604.70   24.73030 (20020723)
        435698.17   3710581.66   23.05866 (20020723)   435693.89
3710558.63   23.26764 (21120204)
        435689.62   3710535.59   22.81800 (21120204)   435685.34
3710512.55   22.59758 (21123108)
        435681.07   3710489.51   22.53682 (21110503)   435676.79
3710466.47   23.38499 (21110503)
        435672.51   3710443.43   23.32944 (21110503)   435668.24
3710420.39   22.39295 (21110503)
        435663.96   3710397.35   20.75510 (20040703)   435659.69
3710374.31   21.26720 (20040703)
        435655.41   3710351.27   20.96155 (20040703)   435651.14
3710328.23   22.22722 (21110223)
        435646.86   3710305.19   23.01384 (21110223)   435642.59
3710282.16   22.93980 (21110223)
        435715.27   3710673.82   23.79340 (20020723)   435723.21
3710696.64   21.45662 (17021608)
        435731.14   3710719.46   21.24550 (17021608)   435739.08
3710742.28   20.53040 (17021608)
        435616.48   3710683.29   21.35867 (20020723)   435612.14
3710659.90   23.21888 (20020723)
        435607.80   3710636.51   24.21039 (20020723)   435603.46
3710613.13   24.25228 (20020723)
        435599.12   3710589.74   23.41406 (20020723)   435594.78
3710566.36   21.71857 (20020723)
        435590.44   3710542.97   20.73895 (21120204)   435586.10
3710519.59   20.19874 (21120204)
        435581.76   3710496.20   20.27637 (21123108)   435577.42
3710472.81   20.88525 (21110503)
        435573.08   3710449.43   21.58347 (21110503)   435568.74
3710426.04   21.51388 (21110503)
        435564.40   3710402.66   20.67691 (21110503)   435560.06
3710379.27   19.20252 (21110503)
        435555.72   3710355.89   19.79696 (20040703)   435551.38
3710332.50   19.62347 (20040703)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985

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, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435547.04   3710309.12       20.08627  (21110223)               435542.70
3710285.73       21.00843  (21110223)
        435620.82   3710706.67       20.38910  (17021608)               435628.76
3710729.49       20.05730  (17021608)
        435636.69   3710752.31       19.50453  (17031607)               435644.63
3710775.13       20.38865  (17031607)
        437027.39   3710326.68       77.41242  (18022519)               437038.31
3710349.01       52.23752  (19020216)
        437049.22   3710371.33       65.69304  (17022717)               436982.47
3710348.64       99.79064  (18121620)
        436993.39   3710370.97      105.89381  (18121620)               437004.30
3710393.30      113.14131  (19013120)
        436937.55   3710370.61       98.50618  (20012122)               436948.47
3710392.93      109.07355  (20012122)
        436959.39   3710415.26      116.51301  (20012122)               436881.72
3710370.24       78.90730  (20012122)
        436892.63   3710392.57       83.66451  (20012122)               436903.55
3710414.89       94.81875  (20012122)
        436914.47   3710437.22      113.47177  (20121403)               436836.80
3710392.20       75.33089  (20121403)
        436847.72   3710414.53       76.62125  (20121403)               436858.63
3710436.86       80.33376  (21011208)
        436869.55   3710459.18       91.02772  (21011208)               436791.88
3710414.17       69.93600  (20122108)
        436802.80   3710436.49       70.71434  (18011208)               436813.71
3710458.82       75.34371  (18011208)
        436824.63   3710481.15       91.17492  (19120805)               436746.96
3710436.13       70.45352  (19120805)
        436757.88   3710458.46       73.79168  (19120805)               436768.80
3710480.78       79.03876  (21090405)
        436779.71   3710503.11       90.02908  (21090405)               436692.82
3710435.94       66.05642  (21090405)
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        436702.05   3710458.09       72.24204  (21090405)                436712.96
3710480.42       76.66188  (21090405)
        436723.88   3710502.75       79.44263  (21090405)                436734.80
3710525.07       82.32255  (18121805)
        436650.21   3710463.44       69.37296  (21090405)                436668.04
3710502.38       73.29071  (18121805)
        436678.96   3710524.71       75.53400  (18121805)                436689.88
3710547.04       74.58093  (18121805)
        436604.52   3710483.56       65.95683  (18121805)                436623.13
3710524.34       65.58900  (20101104)
        436634.04   3710546.67       70.21014  (20112424)                436644.96
3710569.00       73.83517  (19121506)
        436513.14   3710523.79       59.06907  (19121506)                436503.92
3710501.64       56.46577  (20112424)
        436522.37   3710545.94       59.81392  (19121506)                436533.29
3710568.27       57.38457  (19121506)
        436544.21   3710590.60       58.81478  (21110503)                436555.12
3710612.92       59.52922  (21110503)
        436424.46   3710570.49       50.15005  (21110503)                436443.45
3710612.20       48.16829  (21110503)
        436454.37   3710634.52       53.98707  (20020723)                436465.29
3710656.85       57.47614  (20020723)
        436333.47   3710611.64       42.69370  (20020723)                436324.24
3710589.49       42.32370  (21110503)
        436315.01   3710567.34       44.03974  (21110503)                436342.70
3710633.79       47.40796  (20020723)
        436353.62   3710656.12       49.53982  (20020723)                436364.53
3710678.45       48.29191  (20020723)
        436375.45   3710700.77       43.55489  (20020723)                436244.56
3710657.78       43.21940  (20020723)
        436227.95   3710617.91       39.95913  (20020723)                436263.78
3710700.05       37.42058  (20020723)
        436274.70   3710722.37       37.65302  (18012918)                436285.61
3710744.70       37.57479  (17120201)
        436153.80   3710699.49       32.65496  (20020723)                436144.57
3710677.34       36.45644  (20020723)
        436135.34   3710655.19       38.18848  (20020723)                436126.11
3710633.04       37.71152  (20020723)
        436163.03   3710721.65       32.85339  (18012918)                436173.94
3710743.97       32.51914  (17012821)
        436184.86   3710766.30       32.91350  (17120201)                436195.78
3710788.63       33.61961  (17121219)
        436064.73   3710745.27       28.66037  (18012918)                436047.81
3710704.65       28.03980  (18012918)
        436084.11   3710787.90       29.19993  (17121219)                436095.03
3710810.22       29.48482  (17121219)
        436105.94   3710832.55       29.34077  (18120419)                435974.13
3710787.34       25.30540  (17120201)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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3710964.33       22.21314  (19011808)
        435705.19   3710920.51       20.87520  (18012708)                435687.89
3710878.97       22.19709  (18012708)
        435670.59   3710837.43       21.64168  (19021508)                435724.76
3710963.60       20.60491  (19011808)
        435735.68   3710985.93       20.90495  (19011808)                435746.60
3711008.25       20.57217  (19011808)
        437052.65   3710321.47       49.89322  (17022717)                437017.82
3710373.27       99.18226  (21122019)
        436964.72   3710362.63      101.30214  (18011620)                436881.73
3710306.83       73.09581  (20012122)
        436863.46   3710244.40       61.96643  (18020219)                436828.63
3710296.20       66.10588  (20012122)
        436810.36   3710233.77       62.84044  (20012122)                436662.66
3710184.60       48.45618  (20121403)
        436538.19   3710100.90       38.45859  (21011603)                436383.83
3709972.03       30.87905  (21122223)
        436289.23   3709933.50       26.76273  (20020202)                436123.27
3709821.90       22.40015  (21021004)
        435920.75   3709585.43       16.84787  (20122108)                436987.78
3710422.82      118.82473  (20013119)
        436981.82   3710445.14      119.04179  (21121703)                436975.87
3710467.47      129.71097  (21121703)
        436969.92   3710489.80      139.34763  (21121703)                436921.61
3710476.92      124.34996  (20121403)
        436904.79   3710367.02       86.41915  (20012122)                436851.94
3710364.15       76.24941  (20121403)
        436776.67   3710438.27       70.15928  (19120805)                436746.22
3710358.41       63.07780  (20122108)
        436726.55   3710282.45       56.16094  (21011719)                436691.95
3710367.85       58.71602  (18011208)
        436618.82   3710281.14       48.52626  (20100124)                436589.38
3710364.41       53.99613  (19120805)
        436570.02   3710269.33       45.94528  (21011402)                436612.64
3710175.47       44.48415  (21011603)
        436535.11   3710373.86       55.30889  (21090405)                436465.44
3710261.09       43.63328  (19120805)
        436483.63   3710221.04       40.33397  (21011402)                436501.81
3710180.99       39.46932  (20100124)
        436520.00   3710140.95       39.21921  (20122108)                436438.49
3710348.09       49.04844  (21090405)
        436369.27   3710234.32       36.44572  (19120805)                436378.82
3710213.30       38.10283  (19120805)
        436388.37   3710192.27       37.65915  (19120805)                436397.91
3710171.25       35.45684  (21040903)
        436407.46   3710150.22       35.07865  (21011402)                436417.01
3710129.20       34.71864  (20022102)
        436426.56   3710108.17       34.49170  (18020421)                436436.11
3710087.15       34.30247  (20122106)
        436445.65   3710066.12       33.85622  (20122108)                436272.19
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436185.36	3710162.23	32.44576	(21090405)	436194.80	3710141.44	29.20721	(21090405)
436204.25	3710120.64	29.13593	(19120805)	436213.69	3710099.85	30.16641	(19120805)
436223.13	3710079.06	29.83497	(19120805)	436232.58	3710058.26	28.74778	(21040903)
436242.02	3710037.47	27.85803	(21040903)	436251.46	3710016.67	27.64206	(20022804)
436260.90	3709995.88	27.39564	(20022102)	436270.35	3709975.09	27.56648	(21021004)
436279.79	3709954.29	27.17174	(18020421)	436166.47	3710203.82	34.33067	(21090405)
436160.52	3710226.15	32.74912	(21090405)	436078.94	3710158.03	31.00984	(21090405)

436097.13 3710117.98 29.74398 (21090405) 436115.32
3710077.94 25.19470 (19120805)
436133.50 3710037.89 27.18188 (19120805) 436151.69
3709997.84 25.97876 (21040903)
436169.88 3709957.79 24.89066 (20022804) 436188.06
3709917.75 24.83983 (21021004)
436063.90 3710200.38 28.40749 (18121805) 435982.60
3710131.64 26.95782 (21090405)
435991.98 3710110.99 28.21673 (21090405) 436001.36
3710090.34 28.22390 (21090405)
436010.74 3710069.69 27.00301 (21090405) 436020.11
3710049.04 24.73138 (21090405)
436029.49 3710028.39 22.67776 (17013024) 436038.87
3710007.74 23.95960 (19120805)
436048.25 3709987.09 24.66361 (19120805) 436057.62
3709966.45 24.41040 (19120805)
436067.00 3709945.80 23.70301 (21040903) 436076.38
3709925.15 23.36685 (21040903)
436085.76 3709904.50 22.52052 (17010802) 436095.13
3709883.85 22.46513 (18011405)
436104.51 3709863.20 22.31111 (20022102) 436113.89
3709842.55 22.76210 (21021004)
435973.23 3710152.29 25.08934 (18121805) 435967.27
3710174.62 27.06200 (19062806)
435961.32 3710196.94 28.08975 (19062806) 435894.79
3710086.48 24.67140 (21090405)
435912.98 3710046.43 25.92770 (21090405) 435931.16
3710006.38 23.31345 (21090405)
435949.35 3709966.34 21.06596 (19120805) 435967.54
3709926.29 22.55101 (19120805)
435985.72 3709886.24 21.73642 (21040903) 436003.91
3709846.19 20.64677 (17010802)
436022.10 3709806.15 20.40149 (20022102) 435807.98
3710039.11 22.85603 (21090405)
435817.31 3710018.56 23.80527 (21090405) 435826.64
3709998.01 23.85491 (21090405)
435835.97 3709977.46 23.01235 (21090405) 435845.31
3709956.91 21.37640 (21090405)
435854.64 3709936.36 19.13376 (21090405) 435863.97
3709915.81 19.13995 (19120805)
435873.30 3709895.25 20.21263 (19120805) 435882.64
3709874.70 20.70584 (19120805)
435891.97 3709854.15 20.52324 (19120805) 435901.30
3709833.60 19.96330 (21040903)
435910.63 3709813.05 19.94096 (21040903) 435919.97
3709792.50 19.23583 (21040903)
435929.30 3709771.95 18.91781 (20022804) 435938.63
3709751.40 18.79592 (18011405)
435947.97 3709730.85 18.74090 (21021004) 435768.07
3710145.42 23.75425 (20101104)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	20.64912	(21090405)	435661.13	3709885.40	20.14788	(21090405)
435670.43	3709864.92	18.94220	(21090405)	435679.73	3709844.44	17.24587	(21090405)
435689.03	3709823.97	16.08547	(17013024)	435698.33			

```
3709803.49       16.88807  (19120805)
        435707.63   3709783.01       17.56769  (19120805)                435716.93
3709762.53       17.82976  (19120805)
        435726.23   3709742.05       17.66671  (19120805)                435735.53
3709721.57       17.06098  (19120805)
        435744.83   3709701.09       16.91987  (21040903)                435754.13
3709680.61       16.49370  (21040903)
        435772.73   3709639.66       15.97323  (18011208)                436969.01
3710524.96      150.67651  (21121703)
        436970.50   3710565.89      177.28931  (21090405)                436918.30
3710506.32      127.38615  (21122223)
        436919.79   3710547.25      134.99682  (21090405)                436921.28
3710588.18      166.69768  (21090405)
        436869.98   3710493.44      103.78739  (19120805)                436869.07
3710528.60      114.72597  (19120805)
        436870.56   3710569.53      117.54375  (21090405)                436818.36
3710509.96      101.08178  (21090405)
        436819.85   3710550.89       99.12630  (21090405)                436821.34
3710591.82      103.47426  (18121805)
        436769.14   3710532.24       87.72514  (21090405)                436770.63
3710573.17       91.12571  (18121805)
        436724.39   3710460.67       72.40830  (21090405)                436719.92
3710554.52       80.69134  (18121805)
        436721.41   3710595.45       85.31745  (19121506)                436674.25
3710463.96       72.08430  (21090405)
        436670.70   3710576.81       77.38740  (19121506)                436625.11
3710458.43       65.77784  (21090405)
        436620.73   3710578.63       69.56070  (19121506)                436570.66
3710500.15       60.57060  (20101104)
        436569.27   3710539.52       64.47902  (19121506)                436570.76
3710580.45       60.33357  (19121506)
        436522.70   3710484.12       56.10441  (20101104)                436526.84
3710447.36       57.73927  (18121805)
        436530.97   3710410.61       55.66899  (21090405)                436521.54
3710602.73       57.13748  (21110503)
        436423.04   3710485.30       51.12450  (20112424)                436427.45
3710446.10       49.15642  (20101104)
        436431.87   3710406.90       49.91678  (18121805)                436419.37
3710544.97       46.79138  (19121506)
        436421.61   3710606.37       47.35197  (21110503)                436320.80
3710509.44       42.91337  (19121506)
        436325.01   3710472.01       45.53892  (19121506)                436329.22
3710434.59       42.71658  (20112424)
        436333.44   3710397.17       43.99736  (20101104)                436337.65
3710359.75       43.61516  (18121805)
        436220.97   3710512.18       37.25246  (21110503)                436225.38
3710472.98       39.52465  (19121506)
        436229.79   3710433.78       40.31521  (20112424)                436234.21
3710394.57       36.43139  (20112424)
        436120.95   3710516.52       35.60414  (21110503)                436125.21
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3710478.72   31.96126 (20040703)
        436129.46   3710440.91   35.88942 (19121506)   436133.72
3710403.11   36.16874 (20112424)
        436137.98   3710365.31   32.83454 (20112424)   436021.10
3710519.46   32.49253 (21110503)
        436025.51   3710480.25   30.95688 (21110503)   436029.92
3710441.05   29.90309 (21110223)
        436034.34   3710401.85   32.93215 (21110223)   436019.64
3710559.52   30.42788 (21123108)
        435921.23   3710522.48   28.39527 (21110503)   435925.78
3710482.05   29.54854 (21110503)
        435930.34   3710441.63   26.83124 (20040703)   435934.89
3710401.20   28.74645 (21110223)
        435919.70   3710563.16   28.04642 (21120204)   435821.23
3710526.73   25.70201 (21123108)
        435825.64   3710487.53   27.07923 (21110503)   435830.06
3710448.33   26.03822 (21110503)
        435834.47   3710409.12   24.84854 (20040703)   435819.77
3710566.80   25.80392 (21120204)
        435721.36   3710529.86   23.11788 (21123108)   435725.88
3710489.62   23.99507 (21110503)
        435730.41   3710449.39   24.54130 (21110503)   435734.94
3710409.15   22.32836 (20040703)
        435757.59   3710207.98   23.27084 (20101104)   435719.84
3710570.44   23.62177 (21120204)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435621.36	3710534.01	21.23934	(21120204)	435625.78	3710494.81	21.09103	(21123108)
435630.19	3710455.60	22.54775	(21110503)	435634.60	3710416.40	21.89787	(21110503)
435619.90	3710574.08	22.24407	(20020723)	435521.48	3710537.20	19.84392	(21120204)
435525.99	3710497.11	19.57632	(21123108)	435530.51	3710457.01	20.75500	(21110503)
435535.02	3710416.92	20.93790	(21110503)	435519.97	3710577.71	22.41749	(20020723)
435521.46	3710618.64	23.24984	(20020723)	436953.73	3710589.22	200.99785	(21090405)
436939.59	3710607.08	204.20598	(21090405)	436925.45	3710624.94	194.14181	(18121805)
436942.81	3710522.47	142.45012	(20121403)	436900.39	3710576.05	139.81655	(21090405)
436886.25	3710593.91	133.14904	(18121805)	436889.47	3710509.29	111.66993	(19120805)
436847.05	3710562.87	106.89746	(21090405)	436850.26	3710478.25	92.10382	(19120805)
436807.84	3710531.83	95.79410	(21090405)	436825.20	3710429.36	74.71158	(20122108)
436651.04	3710407.69	60.78194	(19120805)	436522.51	3710247.82	43.01704	(21011402)
436508.37	3710265.68	44.69298	(19120805)	436494.23	3710283.54	45.81672	(19120805)
436472.39	3710150.03	37.46212	(18020421)	436415.83	3710221.47	39.98147	(19120805)
436393.99	3710087.96	32.92608	(20022806)	436379.85	3710105.82	32.76652	(20022102)
436315.58	3710025.89	29.34250	(20022806)	436237.18	3709963.81	26.36542	(21021004)
436223.04	3709981.67	26.25229	(18011405)	436158.78	3709901.74	23.83280	(21021004)
436144.64	3709919.60	23.76752	(18011405)	436080.38	3709839.67	21.65791	(21021004)
436066.24	3709857.53	21.66137	(18011405)	436001.97	3709777.60	19.84458	(20022102)
435987.83	3709795.46	19.88056	(18011405)	435973.69	3709813.32	19.83775	(18012921)
435923.57	3709715.52	18.22081	(20022102)	435909.43	3709733.38	18.26057	(18011405)
435895.29	3709751.24	18.21656	(18012921)	435881.15	3709769.10	18.66282	(21040903)
435845.17	3709653.45	16.59144	(20022102)	435831.03	3709671.31	16.69187	(18011208)

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        435816.89   3709689.17       16.69413  (21011402)               435802.75
3709707.03       16.94181  (21040903)
        436914.85   3710651.52      187.69973  (19121506)               436911.28
3710691.41      192.36264  (20020723)
        436907.71   3710731.30      152.81272  (18011318)               436872.11
3710629.34      125.20098  (19121506)
        436863.26   3710667.01      118.13951  (20020723)               436859.69
3710706.90      112.46294  (20020723)
        436856.12   3710746.79      105.77820  (19011808)               436821.61
3710626.66      105.90680  (19121506)
        436813.46   3710662.55      102.75923  (20020723)               436809.89
3710702.44       99.34756  (20020723)
        436806.32   3710742.33       95.93654  (19011808)               436772.51
3710620.42       93.85010  (19121506)
        436793.71   3710567.27       96.91336  (18121805)               436763.66
3710658.09       92.04087  (20020723)
        436760.09   3710697.98       89.82129  (20020723)               436756.52
3710737.87       82.97437  (21012123)
        436742.14   3710567.24       83.99801  (18121805)               436715.65
3710633.68       77.71927  (21110503)
        436712.07   3710673.58       85.49548  (20020723)               436708.50
3710713.47       74.63264  (18031607)
        436672.91   3710611.51       71.48506  (21110503)               436708.24
3710522.92       79.42565  (18121805)
        436664.06   3710649.17       75.55007  (20020723)               436660.49
3710689.06       75.46561  (20020723)
        436656.92   3710728.95       67.03085  (18031607)               436622.79
3710607.85       66.35653  (21110503)
        436656.51   3710523.29       71.58648  (18121805)               436614.26
3710644.71       69.00749  (20020723)
        436610.69   3710684.60       69.84246  (20020723)               436607.11
3710724.50       61.10630  (18020722)
        436594.51   3710549.43       67.41593  (19121506)               436564.46
3710640.25       63.34574  (20020723)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
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L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	64.92401	(20020723)	436557.31	3710720.04	56.16069	(18020722)
436545.80	3710542.25	62.51488	(19121506)	436575.15	3710468.65	62.60515	(18121805)
436514.66	3710635.79	58.35984	(20020723)	436511.09	3710675.68	60.55173	(20020723)
436507.51	3710715.58	51.63340	(18012918)	436473.71	3710593.67	53.59635	(21110503)
436487.84	3710558.23	52.97439	(19121506)	436558.50	3710381.05	56.55243	(21090405)
436459.50	3710691.17	52.65116	(20020723)	436374.11	3710584.75	46.69170	(21110503)
436388.24	3710549.31	46.34479	(21110503)	436473.03	3710336.70	49.89882	(21090405)
436365.25	3710622.42	46.53255	(20020723)	436274.51	3710575.83	40.82218	(21110503)
436380.50	3710310.06	45.23149	(21090405)	436394.63	3710274.63	41.82893	(21090405)
436265.65	3710613.50	40.56415	(20020723)	436175.21	3710566.14	35.95379	(21110503)
436278.44	3710307.31	38.16554	(18121805)	436293.19	3710270.33	40.25199	(21090405)
436307.93	3710233.35	38.28881	(21090405)	436166.05	3710604.58	35.69366	(20020723)
436162.48	3710644.47	39.54478	(20020723)	436075.57	3710557.31	32.23472	(21123108)
436178.31	3710299.72	35.75147	(18121805)	436192.98	3710262.92	33.58717	(18121805)
436207.66	3710226.12	36.11758	(21090405)	436066.45	3710595.66	32.22345	(21120204)
436062.88	3710635.55	35.44403	(20020723)	436059.31	3710675.44	33.20554	(20020723)
436012.49	3710456.82	28.82290	(20040703)	436078.28	3710291.86	33.07224	(20101104)
436092.90	3710255.20	32.24026	(18121805)	436107.52	3710218.54	29.66682	(18121805)
435968.63	3710566.80	29.25728	(21120204)	435965.06			

3710606.69   30.43604 (20020723)
        435961.49   3710646.58   31.75799 (20020723)   435905.47
3710466.52   28.30649 (21110503)
        435971.05   3710302.07   27.19263 (21070705)   435985.63
3710265.53   30.16622 (20101104)
        436000.20   3710228.99   29.31689 (19062806)   436014.77
3710192.44   28.18214 (18121805)
        436029.35   3710155.90   28.33359 (21090405)   435869.03
3710557.88   26.72674 (21120204)
        435865.46   3710597.77   27.25266 (20020723)   435861.89
3710637.66   28.82802 (20020723)
        435805.77   3710457.84   26.27697 (21110503)   435834.85
3710384.94   25.26077 (21110223)
        435871.19   3710293.82   26.31364 (20102504)   435885.72
3710257.37   26.01977 (20101104)
        435900.26   3710220.92   27.63266 (20101104)   435914.79
3710184.47   26.95285 (19062806)
        435929.33   3710148.02   25.36368 (18121805)   435769.43
3710548.96   24.67176 (21120204)
        435765.86   3710588.85   24.67346 (20020723)   435762.29
3710628.74   26.46230 (20020723)
        435706.09   3710449.12   24.06044 (21110503)   435735.10
3710376.38   22.56525 (20040703)
        435771.36   3710285.46   25.27179 (20102504)   435785.87
3710249.09   23.15783 (21070705)
        435800.37   3710212.72   24.75023 (20101104)   435814.87
3710176.35   25.28504 (20101104)
        435829.38   3710139.99   24.81760 (19062806)   435843.88
3710103.62   22.94330 (18121805)
        435668.04   3710559.99   22.62725 (21120204)   435664.47
3710599.88   24.02541 (20020723)
        435660.90   3710639.77   24.92629 (20020723)   435599.18
3710458.52   21.86978 (21110503)
        435628.14   3710385.92   20.45053 (20040703)   435671.57
3710277.02   23.57420 (20102504)
        435686.05   3710240.72   22.64950 (20102504)   435700.52
3710204.42   21.91958 (21070705)
        435715.00   3710168.12   23.42358 (20101104)   435729.48
3710131.82   23.08343 (20101104)
        435743.95   3710095.52   22.82776 (19062806)   435794.62
3709968.47   22.80731 (21090405)
        435568.44   3710551.07   20.39713 (20020723)   435564.87
3710590.96   23.20727 (20020723)
 *** AERMOD - VERSION 24142 ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass BESS\Compass\Compass.isc   ***   11/21/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   07:59:17

                                  PAGE 264
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***

INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435561.30	3710630.85	23.61743	(20020723)	435478.02	3710503.66	18.93059	(21123108)
435492.81	3710466.58	20.05261	(21110503)	435507.60	3710429.49	20.74392	(21110503)
435522.39	3710392.41	19.91274	(21110503)	435566.76	3710281.16	21.63398	(21110223)
435581.55	3710244.07	21.97792	(20102504)	435596.34	3710206.99	20.69029	(20102504)
435611.13	3710169.90	20.41388	(21070705)	435625.92	3710132.82	21.73611	(20101104)
435640.71	3710095.73	21.34076	(20101104)	435655.50	3710058.65	21.20418	(18121805)
435468.84	3710542.15	19.68792	(20020723)	435465.27	3710582.04	22.40404	(20020723)
435461.70	3710621.93	22.48568	(20020723)	436915.73	3710783.44	189.93855	(20030803)
436907.55	3710762.62	170.16881	(20050504)	436937.15	3710806.27	221.67498	(21090424)
436880.10	3710817.46	126.70764	(20030803)	436860.47	3710777.12	106.74913	(18010108)
436903.71	3710843.43	141.93035	(21090701)	436845.57	3710853.05	113.61828	(20030803)
436825.93	3710824.73	101.17592	(20050504)	436813.66	3710793.51	95.92375	(20122808)
436870.26	3710880.60	122.76766	(21090701)	436811.47	3710889.27	101.31467	(20030803)
436790.52	3710859.06	92.78543	(20050504)	436766.96	3710810.65	85.00774	(20122808)

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        436761.74   3710774.26       85.30357  (21011420)              436836.82
3710917.77      114.71402  (21090701)
        436777.58   3710925.81       96.14196  (20030803)              436755.76
3710894.34       83.24714  (20050504)
        436733.95   3710862.87       76.77942  (20091405)              436720.32
3710828.18       75.54832  (20122808)
        436714.88   3710790.27       76.19053  (21012124)              436709.44
3710752.37       75.02724  (21011706)
        436803.37   3710954.94      102.16469  (21090701)              436743.83
3710962.53       89.61658  (20030803)
        436721.38   3710930.16       76.04280  (20030803)              436698.94
3710897.79       74.15012  (20050504)
        436673.70   3710845.92       67.66357  (21012022)              436668.11
3710806.93       68.66735  (21012124)
        436662.51   3710767.94       68.23009  (21011706)              436769.93
3710992.10       88.39939  (21090701)
        436711.42   3711001.19       75.43331  (20091403)              436691.06
3710971.82       79.81399  (20030803)
        436670.69   3710942.45       69.96010  (20050504)              436650.33
3710913.08       64.06710  (20091405)
        436627.42   3710866.01       58.94884  (19011802)              436622.35
3710830.63       61.17433  (17021319)
        436617.27   3710795.25       61.90728  (21011704)              436612.19
3710759.87       61.52452  (19122020)
        436736.48   3711029.27       75.13800  (21090701)              436677.68
3711037.94       67.16306  (21031805)
        436656.74   3711007.73       70.04271  (20030803)              436635.79
3710977.52       64.28284  (20050504)
        436614.84   3710947.30       61.94145  (20091405)              436593.90
3710917.09       54.48220  (20122721)
        436580.81   3710883.79       55.17370  (19011802)              436575.59
3710847.40       56.77515  (17021319)
        436570.37   3710811.01       57.06686  (21011704)              436565.15
3710774.62       56.56355  (19122020)
        436703.04   3711066.44       69.45318  (21090701)              436644.00
3711074.77       62.47960  (21031805)
        436622.58   3711043.87       63.15109  (20030803)              436601.16
3711012.97       57.64603  (20050502)
        436579.73   3710982.07       58.66117  (20050504)              436558.31
3710951.17       53.14372  (21090404)
        436534.22   3710901.66       50.63988  (20123102)              436528.88
3710864.45       52.29172  (17021319)
        436523.54   3710827.23       52.53049  (21012201)              436518.20
3710790.01       52.43355  (21011706)
        436512.85   3710752.79       51.90951  (17121723)              436669.59
3711103.60       63.63405  (21090701)
        436610.36   3711111.65       58.89898  (21031805)              436588.54
3711080.18       59.81083  (20091403)
        436566.72   3711048.70       53.70707  (21101622)              436544.90
3711017.23       56.41652  (20050504)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	45.83487	(20123102)	436482.19	3710881.70	47.59971	(17021319)
436476.75	3710843.79	48.79511	(21012201)	436471.31	3710805.88	48.54738	(21011706)
436465.87	3710767.98	48.17343	(20022703)	436460.43	3710730.07	47.93708	(18020722)
436636.15	3711140.77	59.40704	(21090701)	436543.15	3711185.53	51.82071	(21090424)
436520.71	3711153.16	52.55845	(20091403)	436498.27	3711120.79	48.38076	(20030803)
436475.83	3711088.42	48.69404	(20050502)	436453.38	3711056.05	48.44700	(20091405)
436430.94	3711023.68	44.10907	(21090404)	436408.50	3710991.31	39.76739	(18020901)
436394.48	3710955.63	39.96349	(17121105)	436388.89	3710916.64	40.79783	(17021319)
436383.29	3710877.65	41.78222	(21012201)	436377.69	3710838.66	41.33288	(18011907)
436372.10	3710799.67	41.45269	(20122804)	436366.50			

3710760.68 41.71521 (17121219)
436360.91 3710721.69 42.03523 (18012918) 436569.25
3711215.11 51.13834 (21090701)
436476.70 3711260.50 45.92747 (21090424) 436455.14
3711229.40 44.96391 (20091403)
436433.58 3711198.30 44.30664 (20030803) 436412.02
3711167.20 41.93150 (21101622)
436390.45 3711136.10 43.18085 (20050502) 436368.89
3711105.00 42.62818 (20091405)
436347.33 3711073.90 39.48441 (21090404) 436325.77
3711042.79 34.27940 (20122721)
436301.52 3710992.96 34.47976 (17121105) 436296.14
3710955.50 35.00584 (18123104)
436290.76 3710918.04 35.65937 (21010919) 436285.39
3710880.58 35.93337 (17121220)
436280.01 3710843.12 36.30659 (18011820) 436274.64
3710805.66 36.36108 (18120419)
436269.26 3710768.20 36.65109 (17121219) 436502.36
3711289.44 44.32170 (21090701)
436409.57 3711334.48 40.47790 (21090424) 436387.52
3711302.68 39.46580 (21041803)
436365.47 3711270.88 39.92327 (20091403) 436343.42
3711239.08 36.97108 (21101622)
436321.37 3711207.27 37.22798 (20050502) 436299.33
3711175.47 38.66258 (20050504)
436277.28 3711143.67 36.52805 (20091405) 436255.23
3711111.87 33.74631 (21090404)
436233.18 3711080.07 30.07134 (20122721) 436208.38
3711029.11 30.78112 (17121105)
436202.89 3710990.81 31.10927 (18123104) 436197.39
3710952.50 31.32575 (17120906)
436191.89 3710914.19 31.74836 (21012201) 436186.39
3710875.89 31.55812 (18011907)
436180.90 3710837.58 31.82767 (20122804) 436175.40
3710799.28 32.59142 (17121219)
436435.47 3711363.78 38.45736 (21090701) 436342.48
3711408.53 35.81918 (21090424)
436320.04 3711376.16 34.83759 (21031805) 436297.60
3711343.79 36.15931 (20091403)
436275.15 3711311.42 34.62157 (20030803) 436252.71
3711279.05 32.87872 (21101622)
436230.27 3711246.68 33.94996 (20050502) 436207.83
3711214.31 34.18367 (20091405)
436185.38 3711181.94 32.44838 (21090404) 436162.94
3711149.57 28.95776 (21090404)
436140.50 3711117.20 27.71574 (18020901) 436115.26
3711065.34 27.63621 (17121105)
436109.66 3711026.35 27.90611 (18123104) 436104.07
3710987.36 27.82154 (17120906)
436098.47 3710948.37 28.22933 (21012201) 436092.88

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436116.05   3711252.76   30.59090 (20091405)   436093.29
3711219.92   29.07891 (21090404)
        436070.52   3711187.08   24.76498 (21090404)   436047.75
3711154.24   24.89186 (18020901)
        436022.15   3711101.62   24.69782 (17121105)   436016.47
3711062.07   24.91125 (18123104)
        436010.79   3711022.52   24.92554 (17120906)   436005.12
3710982.96   25.26869 (21012201)
        435999.44   3710943.41   24.97142 (19011808)   435993.76
3710903.85   24.96838 (18011820)

435965.38 3710706.08 25.20679 (18012918) 436301.69 3711512.44 31.02144 (21090701)
436208.84 3711557.41 29.80446 (21090701) 436186.69 3711525.46 29.54425 (21031805)
436164.53 3711493.50 29.32659 (20091403) 436142.38 3711461.55 30.23838 (20030803)
436120.22 3711429.59 30.78683 (20030803) 436098.07 3711397.63 27.39825 (21101622)
436075.91 3711365.68 28.15801 (20050502) 436053.76 3711333.72 28.70098 (20050504)
436031.61 3711301.77 27.59456 (20091405) 436009.45 3711269.81 26.41156 (21090404)
435987.30 3711237.86 23.21517 (21090404) 435965.14 3711205.90 22.21875 (18120719)
435942.99 3711173.95 22.24932 (21010201) 435929.15 3711138.73 22.13474 (21012022)
435923.62 3711100.24 22.39438 (18010320) 435918.10 3711061.75 22.44159 (17021319)
435912.58 3711023.26 22.73206 (21010919) 435907.05 3710984.77 22.66845 (21012201)
435901.53 3710946.28 23.44469 (19011808) 435873.91 3710753.83 22.64694 (18012918)
435868.39 3710715.34 22.62367 (18012918) 435862.87 3710676.85 26.39808 (20020723)
436234.80 3711586.78 28.34572 (21090701) 436141.81 3711631.54 27.90665 (21090701)
436119.37 3711599.17 27.50888 (21031805) 436096.92 3711566.80 26.76008 (21041803)
436074.48 3711534.43 28.25019 (20091403) 436052.04 3711502.06 30.43986 (20030803)
436029.60 3711469.69 27.68262 (20030803) 436007.15 3711437.32 26.08594 (20050502)
435984.71 3711404.95 27.72038 (20050504) 435962.27 3711372.58 26.69198 (20050504)
435939.83 3711340.21 24.44385 (20091405) 435917.38 3711307.84 23.29824 (21090404)
435894.94 3711275.47 22.07165 (18010108) 435872.50 3711243.10 21.10589 (20120408)
435850.06 3711210.73 20.91589 (20122808) 435836.04 3711175.05 21.45614 (21120808)
435830.44 3711136.06 21.22459 (18011908) 435824.85 3711097.07 20.77229 (17021319)
435819.25 3711058.08 20.69171 (21010919) 435813.66 3711019.09 20.91566 (21012201)
435808.06 3710980.10 21.57754 (19011808) 435802.47 3710941.11 21.35093 (21011706)
435780.09 3710785.15 21.74090 (19010608) 435774.49 3710746.16 20.88113 (18012918)
435768.89 3710707.17 21.54414 (17021608) 435763.30 3710668.18 24.92158 (20020723)

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        436167.91   3711661.11       26.67466  (21090701)               436074.79
3711705.69       31.24734  (21090701)
        436052.10   3711672.96       30.88538  (21031805)               436029.41
3711640.23       29.93432  (21031805)
        436006.72   3711607.50       31.04379  (20091403)               435984.03
3711574.77       30.95324  (20030803)
        435961.33   3711542.04       28.90154  (20030803)               435938.64
3711509.31       26.39592  (21101622)
        435915.95   3711476.58       27.28238  (20050502)               435893.26
3711443.85       27.41767  (20050504)
        435870.57   3711411.12       24.69898  (20091405)               435847.88
3711378.39       22.55619  (21090404)
        435825.18   3711345.66       21.95428  (18010108)               435802.49
3711312.93       21.44261  (18010108)
        435779.80   3711280.20       20.83815  (20120408)               435757.11
3711247.47       20.95154  (20122808)
        435742.93   3711211.40       21.76627  (21120808)               435737.28
3711171.98       21.54693  (18011908)
        435731.62   3711132.55       20.51521  (17060406)               435725.96
3711093.13       19.66655  (21012124)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        435720.30   3711053.71       19.32800  (21012201)               435714.65
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3711014.28 20.18785 (19011808)
435692.02 3710856.59 22.18965 (18012708) 435686.36
3710817.17 21.80451 (18031607)
435680.70 3710777.75 20.91894 (17031607) 435675.04
3710738.33 20.21648 (17021608)
435669.39 3710698.90 20.94509 (17021608) 436101.02
3711735.45 29.31165 (21090701)
436008.14 3711780.37 29.41406 (21090701) 435985.92
3711748.33 28.96393 (21031805)
435963.71 3711716.28 29.55537 (21031805) 435941.49
3711684.24 30.19645 (20091403)
435919.28 3711652.20 30.76364 (20091403) 435897.06
3711620.15 30.07700 (20030803)
435874.85 3711588.11 27.11382 (20030803) 435852.63
3711556.07 26.43797 (21101622)
435830.41 3711524.02 28.19598 (20050502) 435808.20
3711491.98 28.80144 (20050504)
435785.98 3711459.94 27.17242 (20091405) 435763.77
3711427.89 24.09569 (21090404)
435741.55 3711395.85 21.48650 (18010108) 435719.34
3711363.81 21.57035 (18010108)
435697.12 3711331.76 21.08806 (20120408) 435674.91
3711299.72 20.59718 (20122808)
435649.92 3711248.38 20.63721 (21120808) 435644.38
3711209.79 20.66564 (18011908)
435638.84 3711171.19 19.80659 (17021319) 435633.30
3711132.59 18.93629 (21012124)
435627.76 3711094.00 18.56993 (21011420) 435622.23
3711055.40 19.22172 (19011808)
435616.69 3711016.81 20.36280 (19011808) 435611.15
3710978.21 19.87541 (21011706)
435605.61 3710939.62 20.17654 (18012708) 435600.07
3710901.02 21.24026 (18012708)
435594.53 3710862.42 20.90542 (18012708) 435588.99
3710823.83 20.79389 (18031607)
435583.45 3710785.23 19.89391 (17031607) 435577.92
3710746.64 19.06531 (17021608)
435572.38 3710708.04 19.80293 (17021608) 435566.84
3710669.45 21.82232 (20020723)
436034.13 3711809.78 27.23031 (21090701) 435941.13
3711854.54 26.53798 (21090701)
435918.69 3711822.17 26.76388 (21090424) 435896.25
3711789.80 27.48789 (21031805)
435873.81 3711757.43 27.31606 (20091403) 435851.37
3711725.06 29.12927 (20091403)
435828.92 3711692.69 28.56424 (20030803) 435806.48
3711660.32 26.54922 (20030803)
435784.04 3711627.95 25.63574 (21101622) 435761.60
3711595.58 26.14557 (20050502)
435739.15 3711563.21 27.12459 (20050504) 435716.71

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3711530.84       27.16351  (20050504)
        435694.27   3711498.47       25.67072  (20091405)                435671.83
3711466.10       23.54448  (21090404)
        435649.39   3711433.73       21.32214  (21090404)                435626.94
3711401.36       19.64496  (18010108)
        435604.50   3711368.99       19.25469  (18020901)                435582.06
3711336.62       19.17810  (21010201)
        435556.82   3711284.75       19.03755  (17121105)                435551.22
3711245.76       19.29721  (18010320)
        435545.63   3711206.77       19.43029  (17021319)                435540.03
3711167.78       19.10633  (21012124)
        435534.44   3711128.80       18.99935  (21011420)                435528.84
3711089.81       19.34713  (19011808)
        435523.25   3711050.82       20.11299  (19011808)                435517.65
3711011.83       19.77657  (19011808)
        435512.06   3710972.84       19.51857  (18021524)                435506.46
3710933.85       19.82480  (18012708)
        435500.86   3710894.86       19.84863  (18012708)                435495.27
3710855.87       19.71806  (19012108)
        435489.67   3710816.88       19.28593  (18020722)                435484.08
3710777.89       18.17670  (17031607)
        435478.48   3710738.90       18.35436  (17021608)                435472.89
3710699.91       18.82665  (17021608)
        435467.29   3710660.92       21.08419  (20020723)                435967.24
3711884.12       23.90587  (21090701)
        436207.69   3711246.88       33.73486  (20050504)                436113.01
3711283.43       30.70064  (20050504)
        436027.25   3711334.86       27.83689  (20050504)                435941.49
3711386.29       26.66466  (20050504)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435855.73	3711437.72	26.92932	(20050504)	435769.97	3711489.16	27.81829	(20050504)
435684.21	3711540.59	26.41291	(20050504)	436976.59	3710831.32	218.18265	(19021217)
436963.10	3710877.99	178.43725	(20101803)	436925.91	3710862.92	176.16777	(19120804)
436980.21	3710926.56	159.89759	(19071305)	436942.21	3710924.20	157.93181	(20101803)
436908.75	3710910.64	151.78630	(20092402)	436967.77	3710973.29	139.54873	(19071305)
436925.55	3710970.67	135.63266	(20101803)	436888.37	3710955.61	126.68314	(21111806)
436976.14	3711021.32	127.93778	(20120702)	436953.53	3711019.92	121.73609	(18101320)
436908.29	3711017.11	115.30272	(20101803)	436868.45	3711000.97	111.25578	(21111806)
436851.23	3710986.24	108.55528	(21111806)	436834.01	3710971.50	110.10043	(19120804)
436930.23	3711065.98	108.29313	(18101320)	436850.83	3711048.29	84.30564	(20051605)
436818.68	3711020.79	87.96216	(19120804)	436892.46	3711111.14	83.17490	(18101320)
436831.25	3711093.95	75.87353	(20070405)	436797.50	3711065.07	75.40634	(20092402)
436763.75	3711036.20	75.43655	(19120804)	436990.56	3711164.74	88.71052	(19120806)
436811.82	3711139.73	70.31344	(20070405)	436794.29	3711124.73	70.28969	(20051605)
436776.75	3711109.73	70.10734	(20092402)	436759.22	3711094.73	70.58120	(19120804)
436741.69	3711079.72	71.72826	(19120804)	436985.96	3711211.96	81.38432	(18061301)
436876.35	3711205.15	66.45834	(18101320)	436832.50	3711202.43	63.58649	(20101803)
436793.89	3711186.79	64.53992	(20070405)	436760.51	3711158.23	64.22678	(21111806)
436727.13	3711129.67	65.80196	(19120804)	436693.75	3711101.11	62.27331	(21090701)
436972.76	3711258.65	76.27327	(19120806)	436950.14	3711257.25	74.52101	(19120806)
436927.52	3711255.84	71.14549	(20120702)	436904.90	3711254.44	68.06825	(18101320)

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        436882.28   3711253.03       65.38890  (18101320)               436859.66
3711251.63       59.85833  (18101320)
        436837.05   3711250.22       57.12064  (17100222)               436740.15
3711203.21       59.29926  (20051605)
        436722.93   3711188.48       60.44474  (20092402)               436705.71
3711173.75       59.08609  (19120804)
        436688.49   3711159.02       61.56788  (19120804)               436671.27
3711144.28       58.29964  (19120804)
        436636.83   3711114.82       61.72313  (21090701)               436955.44
3711352.59       60.49372  (19120806)
        436910.73   3711349.81       55.83686  (20120702)               436866.03
3711347.04       52.65556  (18101320)
        436821.32   3711344.26       51.65426  (19071305)               436686.20
3711281.86       51.05783  (21111806)
        436652.16   3711252.74       50.87525  (20092402)               436618.13
3711223.62       52.01942  (19120804)
        436584.09   3711194.50       53.36035  (21090701)               437049.21
3711453.43       54.94936  (20121401)
        436916.22   3711445.17       47.32510  (19120806)               436871.88
3711442.42       47.77578  (20120702)
        436827.55   3711439.66       46.02699  (18101320)               436783.22
3711436.91       45.03915  (19071305)
        436615.47   3711346.15       46.79389  (20092402)               436581.72
3711317.28       46.07508  (19120804)
        436547.97   3711288.40       44.32522  (18070905)               436514.22
3711259.52       47.21849  (21090701)
        436480.47   3711230.65       45.42759  (21031805)               437093.71
3711551.21       54.36450  (20121401)
        437070.68   3711549.78       57.35617  (20121401)               437047.65
3711548.35       56.62498  (20121401)
        437024.62   3711546.92       55.92989  (19021501)               436886.44
3711538.34       42.30111  (19120806)
        436863.41   3711536.91       42.59465  (20120702)               436840.38
3711535.48       41.95386  (20120702)
        436817.35   3711534.05       40.34020  (19070105)               436794.32
3711532.62       41.05005  (19071305)
        436771.30   3711531.19       42.21824  (19071305)               436626.58
3711480.46       41.74764  (20070405)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
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                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436556.45   3711420.46       41.25083  (19041722)               436538.91
3711405.46       40.00496  (20070301)
        436521.38   3711390.46       40.70651  (20070301)               436503.85
3711375.46       40.36583  (19120804)
        436486.32   3711360.46       39.82897  (18070905)               436468.78
3711345.46       39.35636  (19050206)
        436451.25   3711330.46       41.14819  (21090701)               436433.72
3711315.46       41.93976  (21090424)
        436416.18   3711300.46       40.74471  (21090424)               437208.16
3711550.97       33.89440  (20122620)
        437166.02   3711650.72       51.03658  (18052306)               437143.22
3711649.30       49.48613  (18052306)
        437120.42   3711647.89       50.81724  (20081206)               437097.62
3711646.47       51.70752  (21091105)
        437074.82   3711645.05       49.84326  (21091105)               437052.02
3711643.64       44.51379  (20121401)
        437029.22   3711642.22       42.42162  (19021501)               437006.42
3711640.81       43.24523  (19021501)
        436846.83   3711630.89       38.09939  (20120702)               436824.03
3711629.48       38.65101  (20120702)
        436801.23   3711628.06       36.80204  (17102803)               436778.43
3711626.65       37.50140  (19070105)
        436755.63   3711625.23       38.01667  (19071305)               436732.83
3711623.81       37.94825  (19071305)
        436572.20   3711558.75       37.37054  (20070405)               436537.49
3711529.05       36.63185  (21120223)
        436502.77   3711499.35       37.00244  (19041722)               436485.41
3711484.49       35.51559  (19112623)
        436468.06   3711469.64       36.53414  (20070301)               436450.70
3711454.79       36.35866  (19120804)
        436433.34   3711439.94       35.57463  (18070905)               436415.98
3711425.09       34.56117  (18070905)
        436398.63   3711410.24       35.36517  (21090701)               436381.27
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3711395.39       36.97860  (21090701)
        436363.91   3711380.54       37.19806  (21090424)                436346.55
3711365.69       36.15144  (21031805)
        436329.20   3711350.84       35.88686  (21041803)                437211.62
3711653.55       40.60642  (21020924)
        437233.95   3711647.59       34.33168  (21020924)                437214.79
3711748.76       35.13777  (21020924)
        437192.17   3711747.36       40.83960  (19120802)                437169.55
3711745.95       43.74797  (18052306)
        437146.93   3711744.55       43.57649  (19082902)                437124.32
3711743.14       46.05571  (20081206)
        437101.70   3711741.74       46.87205  (21091105)                437079.08
3711740.33       46.46229  (21091105)
        437056.46   3711738.93       44.07005  (20121401)                437033.84
3711737.53       40.40501  (19021501)
        437011.22   3711736.12       41.01572  (19021501)                436988.60
3711734.72       39.17086  (19021501)
        436965.98   3711733.31       36.23669  (19021501)                436852.89
3711726.29       34.92066  (19120806)
        436830.27   3711724.88       34.55040  (19120806)                436807.65
3711723.48       35.26122  (20120702)
        436785.04   3711722.07       33.98497  (20120702)                436762.42
3711720.67       33.35890  (19070105)
        436739.80   3711719.26       33.25815  (19070105)                436717.18
3711717.86       34.08475  (19071305)
        436500.77   3711622.44       33.71365  (21120223)                436483.55
3711607.71       32.75968  (21120223)
        436466.33   3711592.97       33.22835  (19041722)                436449.11
3711578.24       33.33520  (19041722)
        436431.89   3711563.51       32.07410  (19112623)                436414.67
3711548.77       32.85435  (20070301)
        436397.45   3711534.04       33.18639  (19120804)                436380.23
3711519.31       32.68402  (19120804)
        436363.01   3711504.58       31.35856  (18070905)                436345.79
3711489.84       30.61814  (19050206)
        436328.57   3711475.11       32.94067  (21090701)                436311.35
3711460.38       33.83793  (21090701)
        436294.13   3711445.64       33.75917  (21090424)                436276.91
3711430.91       33.18373  (21031805)
        436259.69   3711416.18       32.56568  (21041803)                436139.16
3711313.05       30.29804  (20050502)
        437237.41   3711750.17       29.19933  (21020924)                437259.74
3711744.21       27.35645  (19091403)
        437240.72   3711845.39       29.21010  (21020924)                437218.25
3711843.99       34.04946  (21020924)
        437195.78   3711842.60       35.70583  (19120802)                437173.31
3711841.20       35.43480  (19120802)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437150.83	3711839.81	35.60734	(19072204)	437128.36	3711838.41	36.91323	(19082904)
437105.89	3711837.02	39.44233	(20121401)	437083.41	3711835.62	42.33308	(20121401)
437060.94	3711834.22	43.18417	(20121401)	437038.47	3711832.83	41.22079	(20121401)
437016.00	3711831.43	41.01091	(19021501)	436993.52	3711830.04	41.04621	(19021501)
436971.05	3711828.64	38.47901	(19021501)	436948.58	3711827.25	33.92452	(19021501)
436813.74	3711818.87	31.62136	(19120806)	436791.27	3711817.48	31.88653	(20120702)
436768.80	3711816.08	31.31276	(20120702)	436746.32	3711814.69	29.97100	(17102803)
436723.85	3711813.29	30.30779	(19070105)	436701.38	3711811.89	30.16369	(19071305)
436678.91	3711810.50	30.78918	(19071305)	436446.78	3711701.06	30.12470	(21120223)
436412.57	3711671.78	29.98657	(19041722)	436378.35	3711642.50	29.11285	(19112623)
436361.24	3711627.87	29.50734	(20070301)	436327.02	3711598.59	30.87375	(19120804)
436292.81	3711569.32	28.11274	(18070905)	436258.59	3711540.04	30.57475	(21090701)

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        436224.37   3711510.76       30.82196  (21090424)               436190.15
3711481.49       29.71684  (21041803)
        436173.04   3711466.85       30.66601  (20091403)               436053.28
3711364.39       28.01363  (20050502)
        437263.20   3711846.79       25.02266  (19091403)               437285.53
3711840.83       24.18712  (19091403)
        437265.95   3711941.97       31.28572  (19011723)               437242.92
3711940.54       33.42306  (21020924)
        437219.89   3711939.11       32.97637  (19120802)               437196.86
3711937.68       33.21199  (19120802)
        437173.83   3711936.25       33.32614  (19082902)               437150.80
3711934.82       34.38000  (19072204)
        437127.77   3711933.39       37.46796  (20081206)               437104.74
3711931.96       39.07977  (21091105)
        437081.72   3711930.53       39.67319  (20121401)               437058.69
3711929.10       39.56572  (20121401)
        437035.66   3711927.67       37.81753  (20121401)               437012.63
3711926.24       37.86278  (19021501)
        436989.60   3711924.81       38.32392  (19021501)               436966.57
3711923.38       37.11769  (19021501)
        436943.54   3711921.95       34.04641  (19021501)               436920.51
3711920.52       31.16898  (18061301)
        436782.33   3711911.94       28.63059  (20120702)               436759.30
3711910.51       29.07986  (20120702)
        436736.27   3711909.08       28.00983  (20120702)               436713.24
3711907.65       27.24984  (17102803)
        436690.21   3711906.22       27.50587  (19070105)               436667.18
3711904.79       27.59438  (19071305)
        436406.27   3711791.20       28.30028  (20051605)               436388.74
3711776.20       27.94802  (21111806)
        436371.20   3711761.20       28.12938  (21111806)               436353.67
3711746.20       27.75454  (21111806)
        436336.14   3711731.20       27.13884  (19041722)               436318.61
3711716.20       26.25857  (19120804)
        436301.07   3711701.20       28.36209  (19120804)               436283.54
3711686.19       29.10998  (19120804)
        436266.01   3711671.19       28.70994  (19120804)               436248.47
3711656.19       27.03018  (19120804)
        436230.94   3711641.19       25.75949  (18070905)               436213.41
3711626.19       26.39234  (21090701)
        436195.88   3711611.19       28.21798  (21090701)               436178.34
3711596.19       28.78543  (21090701)
        436160.81   3711581.19       28.53054  (21090424)               436143.28
3711566.19       28.27300  (21031805)
        436125.74   3711551.19       27.49240  (21031805)               436108.21
3711536.19       28.05557  (20091403)
        435985.48   3711431.18       27.11693  (20050502)               437288.98
3711943.40       27.23365  (19011723)
        437311.31   3711937.44       24.34971  (17022801)               437291.90
3712038.60       30.57644  (19011723)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	36.01506	(20081206)	437108.94	3712027.24	35.98457	(21091105)
437086.07	3712025.82	36.06138	(21091105)	437063.20	3712024.40	35.53584	(20121401)
437040.33	3712022.98	33.55534	(20121401)	437017.46	3712021.56	31.22510	(19021501)
436994.59	3712020.14	31.28900	(19021501)	436971.72	3712018.72	29.98141	(19021501)
436948.85	3712017.30	27.59017	(19021501)	436925.98	3712015.88	25.83328	(18061301)
436903.11	3712014.45	26.32845	(18061301)	436743.02	3712004.51	26.76166	(20120702)
436720.15	3712003.09	26.24164	(20120702)	436697.28	3712001.67	24.88555	(17102803)
436674.41	3712000.25	25.12180	(19070105)	436651.54			

3711998.83 25.95061 (18101320)
436628.67 3711997.41 25.95781 (18101320) 436352.17
3711869.72 29.38684 (20051605)
436334.76 3711854.82 29.86799 (21111806) 436317.34
3711839.92 30.36587 (21111806)
436299.93 3711825.03 30.04369 (21111806) 436282.52
3711810.13 28.71260 (21111806)
436265.11 3711795.23 28.15222 (19120804) 436247.70
3711780.34 30.69331 (19120804)
436230.29 3711765.44 32.05895 (19120804) 436212.88
3711750.54 32.24817 (19120804)
436195.47 3711735.65 30.90567 (19120804) 436178.06
3711720.75 28.75655 (19120804)
436160.64 3711705.86 26.87419 (21090701) 436143.23
3711690.96 29.18155 (21090701)
436125.82 3711676.06 29.84580 (21090701) 436108.41
3711661.17 29.57646 (21090701)
436091.00 3711646.27 28.26877 (21031805) 436073.59
3711631.37 27.90915 (21031805)
436056.18 3711616.48 27.15208 (21031805) 436038.77
3711601.58 28.23024 (20091403)
436021.36 3711586.68 30.17644 (20091403) 435882.07
3711467.51 28.68879 (20050504)
437337.10 3712034.06 22.23794 (17022801) 437295.09
3712133.81 30.45328 (19011723)
437272.36 3712132.40 31.03726 (18120724) 437249.62
3712130.99 31.89769 (18120724)
437226.89 3712129.58 32.45772 (18052306) 437204.15
3712128.17 32.99151 (18052306)
437181.42 3712126.76 32.14969 (18052306) 437158.68
3712125.34 32.18914 (20081206)
437135.95 3712123.93 33.19019 (20081206) 437113.21
3712122.52 33.44775 (21091105)
437090.48 3712121.11 33.41888 (21091105) 437067.74
3712119.70 32.42144 (20121401)
437045.01 3712118.28 30.81369 (20121401) 436999.54
3712115.46 27.51222 (19021501)
436976.81 3712114.05 26.67737 (19021501) 436954.07
3712112.64 25.30398 (19021501)
436931.34 3712111.22 24.14207 (20050503) 436908.60
3712109.81 24.35974 (18061301)
436885.87 3712108.40 24.41147 (18061301) 436863.13
3712106.99 23.37036 (20091402)
436840.40 3712105.58 23.64977 (20091402) 436726.73
3712098.52 24.68547 (20120702)
436703.99 3712097.10 24.59864 (20120702) 436681.26
3712095.69 23.48043 (20120702)
436658.52 3712094.28 22.91484 (17102803) 436635.79
3712092.87 23.90468 (18101320)
436613.05 3712091.46 24.26924 (18101320) 436590.32

3712090.05   23.85238 (18101320)
        436476.64   3712082.99   22.52079 (20092306)   436436.60
3712066.77   23.16406 (20101803)
        436298.14   3711948.30   26.23428 (21111806)   436280.83
3711933.49   28.03432 (21111806)
        436263.52   3711918.68   28.85170 (21111806)   436246.21
3711903.87   28.74383 (21111806)
        436228.91   3711889.06   27.54774 (21111806)   436211.60
3711874.26   26.75403 (19120804)
        436194.29   3711859.45   28.97290 (19120804)   436176.98
3711844.64   30.41701 (19120804)
        436159.67   3711829.83   30.73932 (19120804)   436142.37
3711815.02   30.04352 (19120804)
        436125.06   3711800.21   28.36973 (19120804)   436107.75
3711785.41   25.90188 (19120804)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436090.44   3711770.60   27.24574 (21090701)   436073.13
3711755.79   29.22722 (21090701)
        436055.83   3711740.98   30.33889 (21090701)   436038.52
3711726.17   30.52576 (21090701)
        436021.21   3711711.36   30.13353 (21031805)   436003.90
3711696.56   30.58248 (21031805)

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        435986.59   3711681.75       30.11425  (21031805)               435969.29
3711666.94       30.58570  (20091403)
        435951.98   3711652.13       31.34400  (20091403)               435830.82
3711548.47       27.32809  (20050502)
        435796.21   3711518.86       28.35014  (20050504)               437340.56
3712136.64       26.84986  (20091506)
        437343.73   3712231.85       27.26682  (20091506)               437298.49
3712229.04       28.56194  (19011723)
        437275.87   3712227.64       29.29990  (18120724)               437253.25
3712226.23       29.68740  (18120724)
        437230.64   3712224.83       30.38622  (18052306)               437208.02
3712223.42       30.41819  (18052306)
        437185.40   3712222.02       29.38378  (18052306)               437162.78
3712220.61       30.12989  (20081206)
        437140.16   3712219.21       31.21547  (20081206)               437117.54
3712217.80       31.41827  (21091105)
        437094.92   3712216.40       31.62923  (21091105)               437072.31
3712214.99       31.16740  (20121401)
        437049.69   3712213.59       30.26349  (20121401)               437004.45
3712210.78       26.09496  (19021501)
        436959.21   3712207.97       23.90593  (19021501)               436936.59
3712206.57       22.76394  (19021501)
        436913.98   3712205.16       22.51892  (20050503)               436891.36
3712203.76       22.66060  (18061301)
        436868.74   3712202.35       22.46091  (18061301)               436846.12
3712200.95       21.64261  (20091402)
        436823.50   3712199.54       21.78615  (21121219)               436710.41
3712192.52       22.93412  (20120702)
        436687.79   3712191.11       23.09169  (20120702)               436665.17
3712189.71       22.35111  (20120702)
        436642.55   3712188.31       21.37336  (17102803)               436619.93
3712186.90       21.61537  (19070105)
        436597.31   3712185.50       21.81391  (18101320)               436574.70
3712184.09       21.77695  (18101320)
        436552.08   3712182.69       22.12022  (19071305)               436529.46
3712181.28       21.65049  (19071305)
        436506.84   3712179.88       21.16773  (21060824)               436484.22
3712178.47       21.17009  (17100222)
        436461.60   3712177.07       21.42157  (17100222)               436438.98
3712175.66       21.19379  (20092306)
        436399.15   3712159.53       21.61279  (20101803)               436381.93
3712144.79       21.36942  (19082401)
        436364.71   3712130.06       20.96501  (19082401)               436347.49
3712115.33       19.75223  (19082401)
        436330.27   3712100.59       20.52997  (20070405)               436313.05
3712085.86       22.01126  (20070405)
        436295.83   3712071.13       22.64768  (20070405)               436278.61
3712056.40       22.75693  (20051605)
        436261.39   3712041.66       22.72061  (20051605)               436244.17
3712026.93       21.80227  (21120223)
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        436226.95   3712012.20       22.42091  (21111806)                436209.73
3711997.46       22.37202  (21111806)
        436192.51   3711982.73       21.95526  (19041722)                436175.29
3711968.00       21.72456  (19041722)
        436158.07   3711953.27       21.08075  (19112623)                436140.85
3711938.53       21.87884  (19120804)
        436123.63   3711923.80       24.17759  (19120804)                436106.41
3711909.07       26.08143  (19120804)
        436089.19   3711894.33       26.43136  (19120804)                436071.97
3711879.60       25.37188  (19120804)
        436054.75   3711864.87       23.49924  (19120804)                436037.53
3711850.14       22.07063  (21090701)
        436020.31   3711835.40       24.73775  (21090701)                436003.09
3711820.67       26.97106  (21090701)
        435985.87   3711805.94       27.92543  (21090701)                435968.65
3711791.20       28.00976  (21090701)
        435951.43   3711776.47       27.83413  (21031805)                435934.21
3711761.74       28.33873  (21031805)
        435916.99   3711747.01       27.82673  (21031805)                435899.77
3711732.27       28.01496  (20091403)
        435882.55   3711717.54       29.23006  (20091403)                435865.34
3711702.81       29.44897  (20091403)
        435727.58   3711584.95       26.54729  (20050502)                435710.36
3711570.21       26.93036  (20050504)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 273
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437003.71	3710828.00	98.38951	(21121618)	437026.67	3710827.15	101.61111	(19021217)
437049.64	3710826.30	99.32989	(19021217)	437072.60	3710825.45	97.62527	(21112218)
437095.56	3710824.60	99.99122	(19121219)	437118.52	3710823.75	104.83452	(19121219)
437141.49	3710822.90	107.63004	(20122620)	437164.45	3710822.05	103.66248	(20122620)
437005.56	3710877.96	108.25839	(19090606)	437028.52	3710877.11	78.27126	(18121120)
437051.48	3710876.26	78.87715	(20092523)	437074.45	3710875.41	79.91636	(21112218)
437097.41	3710874.56	83.02800	(19121219)	437120.37	3710873.71	86.27749	(19121219)
437143.34	3710872.86	88.42515	(20122620)	437166.30	3710872.01	86.91933	(20122620)
437007.41	3710927.93	111.46492	(19120806)	437030.37	3710927.08	93.20961	(21121219)
437053.33	3710926.23	66.83888	(21112218)	437076.30	3710925.38	66.75496	(21090723)
437099.26	3710924.53	70.37571	(19121219)	437122.22	3710923.68	72.67389	(19121219)
437145.19	3710922.83	74.24945	(20122620)	437168.15	3710921.98	74.03343	(20122620)
437009.26	3710977.89	113.19633	(19120806)	437032.22	3710977.04	98.86894	(21121219)
437055.18	3710976.19	67.08563	(20092523)	437078.15	3710975.34	57.72506	(21090723)
437101.11	3710974.49	60.69655	(19121219)	437124.07	3710973.64	62.36876	(19121219)
437147.04	3710972.79	63.46403	(20122620)	437170.00	3710971.94	63.93133	(20122620)
437011.11	3711027.86	99.24812	(19120806)	437034.07	3711027.01	87.50094	(21121219)
437057.03	3711026.16	60.65292	(20092523)	437080.00	3711025.31	50.47737	(21090723)
437102.96	3711024.46	53.01095	(19121219)	437125.92	3711023.61	54.25877	(19121219)
437148.88	3711022.76	54.96580	(20122620)	437171.85	3711021.91	55.81270	(20122620)

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        437012.96   3711077.82       90.30139  (19120806)                437035.92
3711076.97       87.97276  (18061301)
        437058.88   3711076.12       82.30213  (20050503)                437081.85
3711075.27       74.27629  (19092301)
        437104.81   3711074.42       49.78142  (21090723)                437127.77
3711073.57       47.75192  (19121219)
        437150.73   3711072.72       48.16071  (20122620)                437173.70
3711071.87       49.20619  (20122620)
        437014.81   3711127.79       81.57559  (18061301)                437037.77
3711126.94       84.27230  (19021501)
        437060.73   3711126.09       86.27698  (19021501)                437083.70
3711125.24       78.65086  (19092301)
        437106.66   3711124.39       70.38187  (17010717)                437129.62
3711123.54       46.10353  (19121219)
        437152.58   3711122.69       42.74285  (20122620)                437175.55
3711121.84       43.86541  (20122620)
        437016.66   3711177.76       76.57866  (18061301)                437039.62
3711176.91       79.58742  (19021501)
        437062.58   3711176.06       81.54935  (19021501)                437085.54
3711175.21       75.62286  (20121401)
        437108.51   3711174.36       66.71134  (17010717)                437131.47
3711173.51       54.89161  (17010717)
        437154.43   3711172.66       38.18990  (20122620)                437177.40
3711171.81       39.34789  (20122620)
        437018.51   3711227.72       71.26574  (18061301)                437041.47
3711226.87       74.36783  (19021501)
        437064.43   3711226.02       75.90309  (19021501)                437087.39
3711225.17       74.62176  (20121401)
        437110.36   3711224.32       68.54920  (20121401)                437133.32
3711223.47       57.90242  (17010717)
        437156.28   3711222.62       34.56626  (20122620)                437179.25
3711221.77       35.58316  (20122620)
        437020.36   3711277.69       62.37683  (20050503)                437043.32
3711276.84       63.73087  (19021501)
        437066.28   3711275.99       66.88128  (19021501)                437089.24
3711275.14       68.50663  (20121401)
        437112.21   3711274.29       65.01136  (20121401)                437135.17
3711273.44       55.69733  (17010717)
        437158.13   3711272.59       35.17618  (19121219)                437181.10
3711271.74       32.35728  (20122620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
```

INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	52.86528	(20050503)	437047.02	3711376.77	51.66886	(19021501)
437069.98	3711375.92	52.20431	(19092301)	437092.94	3711375.07	54.05171	(20121401)
437115.91	3711374.22	54.22841	(20121401)	437138.87	3711373.37	50.62243	(17010717)
437161.83	3711372.52	40.37943	(20092002)	437184.79	3711371.67	27.16314	(20122620)
437027.75	3711477.55	50.51873	(19021501)	437050.72	3711476.70	44.55729	(19021501)
437073.68	3711475.85	42.02263	(19092301)	437096.64	3711475.00	40.25635	(17010717)
437119.61	3711474.15	40.30418	(17010717)	437142.57	3711473.30	38.60990	(17010717)
437165.53	3711472.45	33.58547	(20092002)	437188.49	3711471.60	23.20359	(20122620)
437031.45	3711577.48	47.84748	(19021501)	437054.42	3711576.63	48.21769	(19021501)
437077.38	3711575.78	48.51883	(20121401)	437100.34	3711574.93	49.37186	(20121401)
437123.30	3711574.08	43.77162	(20121401)	437146.27	3711573.23	37.11573	(17010717)
437169.23	3711572.38	33.70571	(20092002)	437192.19	3711571.53	32.98882	(19120802)
437035.15	3711677.41	40.53625	(19021501)	437058.11	3711676.56	39.84400	(19021501)
437081.08	3711675.71	42.93708	(20121401)	437104.04	3711674.86	45.62575	(20121401)
437127.00	3711674.01	45.44876	(21091105)	437149.97	3711673.16	44.97358	(20081206)
437172.93	3711672.31	42.88246	(20081206)	437195.89			

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3711671.46       39.03860  (19082902)
        437038.85   3711777.35       39.48501  (19021501)                437061.81
3711776.50       38.31837  (21082303)
        437084.78   3711775.65       40.73133  (20121401)                437107.74
3711774.80       41.75055  (20121401)
        437130.70   3711773.95       40.13906  (20121401)                437153.67
3711773.10       38.01331  (20081206)
        437176.63   3711772.25       35.96220  (20081206)                437199.59
3711771.40       33.93379  (19082902)
        437042.55   3711877.28       36.11449  (19021501)                437065.51
3711876.43       35.48347  (20121401)
        437088.48   3711875.58       36.73043  (20121401)                437111.44
3711874.73       36.11627  (20121401)
        437134.40   3711873.88       33.26634  (20121401)                437157.36
3711873.03       30.54281  (19082904)
        437180.33   3711872.18       29.46588  (19082904)                437203.29
3711871.33       29.74985  (19072204)
        437046.25   3711977.21       32.39420  (21082303)                437069.21
3711976.36       33.18211  (20121401)
        437092.17   3711975.51       34.78907  (20121401)                437115.14
3711974.66       35.29715  (20121401)
        437138.10   3711973.81       33.35863  (20121401)                437161.06
3711972.96       30.19682  (20081206)
        437184.03   3711972.11       28.96454  (19082904)                437206.99
3711971.26       29.31925  (19072204)
        437049.95   3712077.14       28.79384  (21082303)                437072.91
3712076.29       30.36655  (20121401)
        437095.87   3712075.44       31.72563  (20121401)                437118.84
3712074.59       32.02372  (21091105)
        437141.80   3712073.74       32.49271  (21091105)                437164.76
3712072.89       32.06573  (20081206)
        437187.73   3712072.04       30.71303  (20081206)                437210.69
3712071.19       29.29089  (19072204)
        437053.65   3712177.07       27.27616  (21082303)                437076.61
3712176.22       28.84559  (20121401)
        437099.57   3712175.37       30.12985  (20121401)                437122.54
3712174.52       30.26065  (20121401)
        437145.50   3712173.67       30.19819  (21091105)                437168.46
3712172.82       30.01901  (20081206)
        437191.42   3712171.97       29.42203  (20081206)                437214.39
3712171.12       27.64331  (20081206)
        437057.35   3712277.00       25.70118  (21082303)                437080.31
3712276.15       27.34810  (20121401)
        437103.27   3712275.30       28.21843  (20121401)                437126.24
3712274.45       28.24282  (21091105)
        437149.20   3712273.60       28.21791  (21091105)                437172.16
3712272.75       27.99023  (20081206)
        437195.12   3712271.90       27.43974  (20081206)                437218.09
3712271.05       26.26297  (20081206)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       437177.30   3710851.39   89.18995 (20122620)   437096.75
3710847.33   91.73394 (19121219)
       437079.70   3710898.86   73.25472 (21090723)   437062.65
3710950.38   62.07411 (21112218)
       437045.60   3711001.90   81.49127 (20092722)   436965.04
3710997.84   105.15692 (20120702)
       436932.11   3711035.47   96.53070 (19071305)   436963.86
3711063.26   96.82509 (20120702)
       436899.18   3711073.10   84.17873 (19071305)   436930.94
3711100.89   84.05466 (18101320)
       436866.26   3711110.73   63.38334 (17100222)   436898.01
3711138.51   76.29216 (18101320)
       436833.33   3711148.35   61.27120 (20101803)   436865.08
3711176.14   59.08140 (18101320)
       436767.48   3711223.61   53.92467 (19082401)   436799.23
3711251.40   51.53077 (20092306)
       436701.62   3711298.86   45.83727 (20070405)   436733.38
3711326.65   48.08085 (20101803)
       436635.77   3711374.12   42.98010 (20070405)   436667.52
3711401.90   40.56088 (19082401)
       436569.92   3711449.37   38.12030 (20051605)   436601.67
3711477.16   36.06437 (20070405)

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        436504.06   3711524.63       34.14250  (21120223)               436535.82
3711552.41       33.95390  (20070405)
        436438.21   3711599.88       30.18886  (21120223)               436469.96
3711627.67       30.66263  (20051605)
        436372.35   3711675.14       26.32299  (21111806)               436404.11
3711702.92       27.60983  (20051605)
        436306.50   3711750.39       28.46496  (21111806)               436338.25
3711778.18       26.24879  (20051605)
        436240.65   3711825.65       28.74281  (21111806)               436272.40
3711853.43       27.79751  (21111806)
        436174.79   3711900.90       24.64263  (21111806)               436206.55
3711928.69       23.52032  (21111806)
        437216.54   3710861.35       83.39279  (20022307)               437247.28
3710852.06       85.80571  (20022307)
        437281.02   3710837.18      125.72850  (19040621)               437236.73
3710907.09       71.73135  (20022307)
        437208.99   3710910.77       70.44020  (20101722)               437157.06
3710894.91       81.75795  (20122620)
        437267.47   3710897.81       71.99043  (20022307)               437301.21
3710882.92      112.61406  (19040621)
        437254.14   3710953.20       61.89834  (20022307)               437220.85
3710957.62       60.66965  (20101722)
        437157.12   3710947.88       68.99840  (20122620)               437287.65
3710943.55       83.17927  (20100624)
        437321.39   3710928.67       95.23212  (19040621)               437275.11
3710998.84       54.28599  (20022307)
        437243.41   3711003.05       53.21886  (20101722)               437211.71
3711007.26       52.89290  (20010918)
        437151.01   3710997.98       59.20305  (20122620)               437307.83
3710989.30       77.72992  (20100624)
        437341.57   3710974.41       72.91225  (20050801)               437293.81
3711044.79       48.11889  (20022307)
        437259.14   3711049.39       47.10043  (20101722)               437224.47
3711053.99       46.50350  (20010918)
        437140.74   3711046.14       50.63619  (20122620)               437328.02
3711035.04       60.27672  (20022307)
        437361.76   3711020.16       50.18695  (21021920)               437314.69
3711090.44       43.09056  (20022307)
        437281.40   3711094.86       41.88770  (20101722)               437248.12
3711099.27       41.41812  (20101722)
        437214.83   3711103.69       43.38118  (20122620)               437134.46
3711096.16       45.21489  (19121219)
        437043.12   3711053.68       84.20735  (20050503)               437348.20
3711080.79       42.41867  (20022307)
        437381.94   3711065.90       42.07957  (21021920)               437333.86
3711136.32       38.86938  (20022307)
        437298.56   3711141.00       37.59968  (20101722)               437263.26
3711145.69       37.46805  (20101722)
        437227.95   3711150.37       38.55440  (20122620)               437192.65
3711155.06       40.68824  (20122620)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3711251.01 60.92323 (17010717)
  437028.06 3711205.50 73.84562 (18061301) 436995.44
3711190.33 72.39695 (21121219)
  436962.82 3711175.16 76.84543 (19120806) 436930.20
3711159.99 74.72688 (20120702)
  437408.75 3711218.02 31.49177 (20022307) 437442.49
3711203.14 38.18200 (21021920)
  437394.73 3711273.51 34.40738 (20022307) 437360.06
3711278.11 34.53506 (20102819)
  437325.38 3711282.71 28.78949 (20101722) 437290.71
3711287.32 28.17638 (20052322)
  437256.04 3711291.92 29.05312 (20122620) 437221.37
3711296.52 30.81871 (20122620)
  437186.69 3711301.12 30.78583 (20122620) 437152.02
3711305.72 44.26740 (20092002)
  437118.83 3711300.65 58.60205 (20121401) 437007.82
3711249.03 67.49028 (18061301)
  436976.11 3711234.28 69.80929 (19120806) 436944.39
3711219.53 69.68287 (20120702)
  436912.68 3711204.78 64.67191 (18101320) 437428.94
3711263.77 35.44822 (20022307)
  437462.68 3711248.88 44.60659 (21081405) 437434.91
3711365.03 40.27169 (21021002)
  437399.88 3711369.68 36.00468 (21021002) 437364.84
3711374.33 32.51188 (17102724)
  437329.80 3711378.98 24.44873 (20101722) 437294.76
3711383.62 24.31445 (20052322)
  437259.73 3711388.27 25.49965 (20122620) 437224.69
3711392.92 26.51102 (20122620)
  437189.65 3711397.57 26.15221 (20122620) 437154.61
3711402.22 42.96477 (20092002)
  437103.55 3711399.42 52.48486 (20121401) 437007.40
3711354.71 56.10113 (18061301)
  436975.35 3711339.81 58.01121 (21121219) 436943.30
3711324.90 59.06489 (19120806)
  436911.25 3711310.00 54.91238 (20120702) 436879.21
3711295.10 50.72538 (18101320)
  436847.16 3711280.19 51.68140 (19071305) 437469.30
3711355.26 43.08236 (20100624)
  437503.04 3711340.37 46.70048 (17093002) 437475.15
3711456.54 39.95334 (20012324)
  437439.85 3711461.22 36.09859 (21021002) 437404.54
3711465.90 35.61113 (20092222)
  437369.24 3711470.59 30.03618 (17102724) 437333.94
3711475.27 20.89292 (20052322)
  437298.63 3711479.96 21.40287 (20010918) 437263.33
3711484.64 22.54457 (20122620)
  437228.03 3711489.33 23.06625 (20122620) 437192.72
3711494.01 24.49990 (20122620)
  437157.42 3711498.70 33.32701 (20092002) 437122.12

3711503.38   38.44632 (17010717)
        437088.32   3711498.22   39.02378 (19092301)   437007.59
3711460.67   50.67718 (20050503)
        436975.30   3711445.66   51.78911 (18061301)   436943.00
3711430.64   44.69836 (19120806)
        436910.71   3711415.63   44.88568 (19120806)   436878.42
3711400.61   45.74095 (20120702)
        436846.13   3711385.59   43.78357 (19070105)   436813.84
3711370.58   46.19141 (19071305)
        436781.55   3711355.56   45.31942 (17100222)   437509.67
3711446.75   44.81935 (17093002)
        437543.41   3711431.86   46.47093 (17093002)   437515.41
3711548.04   37.50167 (20012324)
        437479.91   3711552.75   34.95710 (21021002)   437444.40
3711557.46   32.52588 (20092405)
        437408.90   3711562.17   32.97342 (20092222)   437373.39
3711566.88   26.20356 (17022801)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437337.89   3711571.60   18.55393 (20052322)   437302.38
3711576.31   23.32891 (19091403)
        437266.88   3711581.02   28.83760 (21020924)   437231.38
3711585.73   30.85970 (19120802)

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        437160.37   3711595.15       36.12871  (20092002)              437124.86
3711599.86       44.94513  (20121401)
        437008.16   3711566.82       45.05232  (19021501)              436975.69
3711551.72       40.57256  (18061301)
        436943.21   3711536.62       37.93907  (21121219)              436910.73
3711521.51       40.51520  (19120806)
        436878.26   3711506.41       40.21311  (20120702)              436845.78
3711491.31       40.08348  (20120702)
        436813.31   3711476.21       39.37300  (19070105)              436780.83
3711461.10       41.49813  (19071305)
        436748.35   3711446.00       40.58404  (17100222)              436715.88
3711430.90       41.94110  (20101803)
        437550.04   3711538.24       41.68982  (17093002)              437583.78
3711523.35       41.71088  (17093002)
        437555.70   3711639.54       37.04222  (20012324)              437520.04
3711644.27       31.42714  (21021002)
        437484.38   3711649.00       30.06055  (20092405)              437448.71
3711653.74       30.47419  (20092222)
        437413.05   3711658.47       26.85983  (19100804)              437377.39
3711663.20       20.92680  (17022801)
        437341.72   3711667.93       16.66781  (20010918)              437306.06
3711672.67       23.70809  (19091403)
        437270.39   3711677.40       27.24375  (21020924)              437234.73
3711682.13       31.00698  (19120802)
        437109.91   3711698.70       44.67139  (20121401)              437009.00
3711673.09       39.07704  (19021501)
        436976.38   3711657.92       34.52704  (18061301)              436943.76
3711642.75       33.16466  (18061301)
        436911.14   3711627.58       33.34840  (21121219)              436878.52
3711612.41       35.81339  (19120806)
        436845.90   3711597.24       36.44455  (20120702)              436813.27
3711582.07       35.48089  (20120702)
        436780.65   3711566.90       36.62263  (19070105)              436748.03
3711551.73       38.04407  (19071305)
        436715.41   3711536.56       36.29543  (21060824)              436682.79
3711521.39       37.37999  (20092306)
        436650.17   3711506.22       37.81010  (20101803)              437590.40
3711629.73       40.86344  (17093002)
        437624.14   3711614.84       36.34656  (17093002)              437596.01
3711731.04       38.98356  (18122022)
        437560.21   3711735.79       31.27089  (20012324)              437524.42
3711740.54       28.50866  (21021002)
        437488.63   3711745.29       28.63456  (20092222)              437452.84
3711750.04       27.77625  (19100804)
        437417.05   3711754.79       23.59364  (17022801)              437381.26
3711759.54       19.60060  (17022801)
        437345.47   3711764.28       15.10288  (20010918)              437309.68
3711769.03       22.13186  (19091403)
        437273.88   3711773.78       23.99548  (19120802)              437238.09
3711778.53       26.98845  (19120802)
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        437094.93   3711797.53       40.51103  (20121401)                437010.03
3711779.44       38.92450  (19021501)
        436977.29   3711764.22       32.52447  (19021501)                436944.55
3711749.00       31.16602  (18061301)
        436911.81   3711733.77       29.43551  (21121219)                436879.08
3711718.55       30.86447  (19120806)
        436846.34   3711703.32       32.76625  (19120806)                436813.60
3711688.10       33.62643  (20120702)
        436780.86   3711672.88       32.73469  (17102803)                436748.12
3711657.65       33.37773  (19070105)
        436715.38   3711642.43       34.19017  (19071305)                436682.65
3711627.20       32.69795  (21060824)
        436649.91   3711611.98       33.55865  (20092306)                436617.17
3711596.76       34.38948  (20101803)
        436584.43   3711581.53       32.78305  (19082401)                437630.77
3711721.22       36.52856  (17093002)
        437664.51   3711706.33       33.56960  (17093002)                437636.32
3711822.54       35.42956  (18122022)
        437600.42   3711827.30       30.42489  (20012324)                437564.53
3711832.06       28.41395  (21021002)
        437528.63   3711836.83       27.74117  (20092405)                437492.73
3711841.59       26.97802  (20092222)
        437456.84   3711846.35       25.33760  (19102119)                437420.94
3711851.12       22.10110  (17022801)
        437385.04   3711855.88       20.27715  (17022801)                437349.15
3711860.64       18.94581  (19091403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                 INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                 L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                 L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	21.37215	(21020924)	437277.35	3711870.17	22.93744	(19120802)
437241.46	3711874.93	27.79728	(19120802)	437061.98	3711898.75	35.01326	(21082303)
437011.19	3711885.86	36.86853	(19021501)	436978.36	3711870.59	34.52469	(19021501)
436945.52	3711855.33	31.41556	(18061301)	436912.69	3711840.06	27.35253	(18061301)
436879.85	3711824.79	28.05969	(21121219)	436847.02	3711809.52	29.66344	(19120806)
436814.18	3711794.25	29.63873	(19120806)	436781.35	3711778.98	30.33163	(20120702)
436748.52	3711763.71	29.27256	(17102803)	436715.68	3711748.44	29.53603	(19070105)
436682.85	3711733.17	30.71053	(19071305)	436650.01	3711717.91	29.74905	(21060824)
436617.18	3711702.64	30.58134	(17100222)	436584.34	3711687.37	31.32604	(20101803)
436551.51	3711672.10	30.47784	(19082401)	436518.67	3711656.83	27.97200	(20070405)
437671.14	3711812.71	34.03347	(17093002)	437704.88	3711797.82	31.36727	(17093002)
437676.64	3711914.03	27.85110	(20012324)	437640.66	3711918.81	27.57326	(20012324)
437604.67	3711923.58	26.58195	(21021002)	437568.69	3711928.36	25.70389	(20092405)
437532.70	3711933.13	25.35408	(20092222)	437496.72	3711937.91	25.38412	(19102119)
437460.73	3711942.68	23.20062	(19102119)	437424.75	3711947.46	21.76388	(17022801)
437388.77	3711952.23	19.64547	(17022801)	437352.78	3711957.01	20.39208	(19091403)
437316.80	3711961.78	22.90688	(21020924)	437280.81	3711966.56	27.65311	(19120802)
437244.83	3711971.33	30.81165	(19110724)	437012.46	3711992.33	32.86422	(19021501)
436979.54	3711977.02	31.59802	(19021501)	436946.63	3711961.72	27.83872	(18061301)
436913.71	3711946.41	26.45362	(18061301)	436880.80	3711931.11	25.16183	(21121219)
436847.88	3711915.80	25.52049	(19052823)	436814.97	3711900.49	27.31307	(19120806)
436782.05	3711885.19	27.27528	(20120702)	436749.14	3711869.88	27.33357	(20120702)
436716.22	3711854.57	26.59514	(17102803)	436683.31			

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3711839.27       26.71433  (19070105)
        436650.39   3711823.96       27.83451  (19071305)                436617.48
3711808.65       26.80365  (21060824)
        436584.56   3711793.35       27.58860  (17100222)                436551.65
3711778.04       28.16299  (20101803)
        436518.73   3711762.74       27.76794  (19082401)                436485.81
3711747.43       25.18129  (19082401)
        436452.90   3711732.12       27.22131  (20070405)                437711.51
3711904.20       30.91834  (17093002)
        437745.25   3711889.31       29.44378  (17093002)                437716.97
3712005.53       24.84829  (20012324)
        437680.91   3712010.31       25.05011  (20012324)                437644.85
3712015.10       24.38014  (21021002)
        437608.79   3712019.88       23.89123  (20092405)                437572.73
3712024.67       22.69816  (20092222)
        437536.67   3712029.45       23.33911  (19102119)                437500.61
3712034.24       24.21497  (19102119)
        437464.55   3712039.02       21.09103  (19092304)                437428.50
3712043.81       20.33522  (17022801)
        437392.44   3712048.59       19.08341  (20091401)                437356.38
3712053.38       18.84217  (21020924)
        437320.32   3712058.16       23.51035  (21020924)                437284.26
3712062.95       28.88308  (18120724)
        437248.20   3712067.73       30.71666  (18052306)                437031.84
3712096.44       28.15678  (19021501)
        436997.32   3712091.17       27.28703  (19021501)                436964.33
3712075.83       24.36575  (19021501)
        436931.35   3712060.49       23.45789  (18061301)                436898.36
3712045.15       23.51924  (18061301)
        436865.38   3712029.81       23.45835  (20091402)                436832.40
3712014.48       23.94283  (21121219)
        436799.41   3711999.14       25.09637  (19120806)                436766.43
3711983.80       24.66435  (20120702)
        436733.45   3711968.46       25.45873  (20120702)                436700.46
3711953.12       24.22537  (17102803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                 INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                 L0004167    , L0004168    , L0004169    , L0004170    , L0004171
```

, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436667.48   3711937.78   24.70680 (19070105)   436634.49
3711922.45   25.27589 (19071305)
        436601.51   3711907.11   24.83031 (19071305)   436568.53
3711891.77   24.57100 (17100222)
        436535.54   3711876.43   24.77278 (20092306)   436502.56
3711861.09   25.79741 (20101803)
        436469.57   3711845.76   24.99991 (19082401)   436436.59
3711830.42   23.71290 (20070405)
        436403.61   3711815.08   27.30554 (20070405)   436370.62
3711799.74   27.51158 (20051605)
        437751.87   3711995.69   25.48343 (17093002)   437785.61
3711980.81   27.67912 (17093002)
        437757.31   3712097.02   22.36986 (20012324)   437721.18
3712101.82   21.99694 (20012324)
        437685.06   3712106.61   21.22619 (21021002)   437648.94
3712111.40   20.07488 (21021002)
        437612.81   3712116.20   19.46704 (20092222)   437576.69
3712120.99   19.36345 (20092222)
        437540.56   3712125.78   21.78600 (19102119)   437504.44
3712130.58   21.43762 (19102119)
        437468.31   3712135.37   19.23040 (17022801)   437432.19
3712140.16   19.05050 (17022801)
        437396.07   3712144.96   18.29200 (19011723)   437359.94
3712149.75   22.29246 (19011723)
        437323.82   3712154.55   26.34296 (21020924)   437287.69
3712159.34   27.33691 (19110724)
        437251.57   3712164.13   27.57477 (18052306)   437034.82
3712192.89   26.66267 (19021501)
        436982.18   3712190.00   24.31396 (19021501)   436949.13
3712174.64   21.30773 (19021501)
        436916.09   3712159.27   21.87825 (18061301)   436883.05
3712143.91   21.64634 (18061301)
        436850.01   3712128.54   21.72263 (20091402)   436816.96
3712113.18   22.18269 (21121219)
        436783.92   3712097.81   23.08103 (19120806)   436750.88
3712082.45   22.88568 (19120806)

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        436717.83   3712067.08       23.68492  (20120702)                436684.79
3712051.71       22.39743  (20120702)
        436651.75   3712036.35       22.75173  (18101320)                436618.71
3712020.98       24.08410  (18101320)
        436585.66   3712005.62       23.61197  (19071305)                436552.62
3711990.25       22.50274  (21060824)
        436519.58   3711974.89       23.56724  (17100222)                436486.53
3711959.52       25.44007  (20101803)
        436453.49   3711944.15       26.19660  (20101803)                436420.45
3711928.79       25.28342  (19082401)
        436387.41   3711913.42       25.73306  (20070405)                436354.36
3711898.06       28.17115  (20070405)
        436321.32   3711882.69       28.24423  (20051605)                437792.24
3712087.18       24.18748  (17093002)
        437825.98   3712072.30       25.07547  (17093002)                437797.65
3712188.52       21.76177  (20012324)
        437761.47   3712193.32       21.39091  (20012324)                437725.29
3712198.12       20.05099  (21021002)
        437689.11   3712202.92       19.46213  (21021002)                437652.93
3712207.72       19.16467  (20092405)
        437616.75   3712212.52       19.23912  (20092222)                437580.57
3712217.32       19.11852  (19102119)
        437544.38   3712222.12       22.12001  (19102119)                437508.20
3712226.92       20.62669  (19102119)
        437472.02   3712231.73       18.83831  (17022801)                437435.84
3712236.53       18.81554  (17091523)
        437399.66   3712241.33       17.74397  (19011723)                437363.48
3712246.13       22.33441  (21020924)
        437327.30   3712250.93       26.67654  (18120724)                437291.12
3712255.73       27.70258  (18052306)
        437254.94   3712260.53       27.43898  (18052306)                437037.86
3712289.34       25.10823  (21082303)
        437001.68   3712294.14       25.39235  (19021501)                436967.04
3712288.84       24.14435  (19021501)
        436933.95   3712273.46       21.17538  (19021501)                436900.85
3712258.07       20.65661  (18061301)
        436867.76   3712242.68       20.10507  (18061301)                436834.67
3712227.29       19.83478  (20091402)
        436801.57   3712211.90       20.39654  (21121219)                436768.48
3712196.51       21.36626  (19120806)
        436735.38   3712181.12       21.57331  (19120806)                436702.29
3712165.73       22.13744  (20120702)
        436669.19   3712150.34       21.49016  (20120702)                436636.10
3712134.95       20.72496  (17102803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

                                PAGE 281
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	22.06134	(18101320)	436569.91	3712104.17	22.12988	(18101320)
436536.82	3712088.78	21.46864	(19071305)	436503.72	3712073.39	20.86067	(17100222)
436470.63	3712058.00	21.39135	(17100222)	436437.54	3712042.61	22.08531	(20101803)
436404.44	3712027.22	21.70059	(19082401)	436371.35	3712011.83	20.87683	(19082401)
436338.25	3711996.44	21.50720	(20070405)	436305.16	3711981.05	24.31316	(20070405)
436272.06	3711965.67	24.61698	(20051605)	436238.97	3711950.28	22.81061	(20051605)
437832.61	3712178.67	22.62627	(17093002)	437866.35	3712163.79	23.36872	(17093002)
437307.35	3710801.18	126.83079	(19040621)	437307.81	3710761.16	108.68462	(17072004)
437305.08	3710736.35	102.81425	(17070719)	437302.36	3710711.54	130.78180	(17070719)
437299.63	3710686.74	156.92096	(17070719)	437296.90	3710661.93	174.40321	(17070719)
437294.17	3710637.12	176.23659	(17070719)	437355.99	3710800.79	69.94775	(17072004)
437332.06	3710855.22	109.28151	(19040621)	437357.51	3710755.69	92.52347	(17070719)
437354.78	3710730.88	106.68668	(17070719)	437352.06	3710706.08	116.35201	(17070719)
437349.33	3710681.27	118.41563	(17070719)	437346.60			

3710656.46 123.96204 (18021904)
437343.87 3710631.66 137.50019 (19040418) 437405.16
3710797.86 76.99368 (17010218)
437400.37 3710820.68 73.41300 (18020618) 437395.58
3710843.51 70.40260 (18021605)
437373.45 3710881.92 84.73068 (19040621) 437356.09
3710897.50 91.72420 (19040621)
437338.74 3710913.08 95.36400 (19040621) 437409.94
3710775.03 80.71977 (17021119)
437407.21 3710750.22 86.48492 (18122117) 437404.48
3710725.42 90.30931 (18122117)
437401.76 3710700.61 98.97818 (18022222) 437399.03
3710675.80 108.22803 (18022222)
437396.30 3710651.00 114.26988 (17122019) 437393.57
3710626.19 118.26507 (18021903)
437454.54 3710793.91 73.99600 (17021119) 437449.43
3710818.26 70.72102 (19122917)
437444.33 3710842.61 69.48813 (17010218) 437439.22
3710866.96 66.60876 (18020618)
437415.61 3710907.92 60.53885 (17072004) 437397.10
3710924.55 79.31227 (19040621)
437378.59 3710941.17 85.40768 (19040621) 437360.08
3710957.79 73.42506 (20050801)
437459.64 3710769.57 75.61672 (18122117) 437456.91
3710744.76 76.50664 (18022219)
437454.18 3710719.95 84.01511 (18022222) 437451.46
3710695.15 88.40374 (18070106)
437448.73 3710670.34 91.18321 (18031318) 437446.00
3710645.53 94.78013 (17120317)
437443.27 3710620.73 98.70139 (20012117) 437504.78
3710785.84 67.47893 (17021107)
437495.67 3710829.32 65.37938 (17021119) 437486.55
3710872.79 63.55685 (19122917)
437460.91 3710931.11 52.69163 (18021605) 437427.86
3710960.79 67.87724 (17072004)
437394.81 3710990.47 78.78067 (19040621) 437506.61
3710739.29 79.26443 (18022222)
437503.88 3710714.49 80.90181 (21121418) 437501.16
3710689.68 83.48861 (17122019)
437498.43 3710664.87 86.18931 (17120317) 437495.70
3710640.07 87.31883 (19122417)
437492.97 3710615.26 89.61873 (17022318) 437554.26
3710781.46 69.31148 (18022222)
437549.47 3710804.28 62.77525 (18022222) 437544.69
3710827.11 61.96485 (18122117)
437539.90 3710849.94 60.78675 (18122117) 437535.11
3710872.76 58.68740 (17021119)
437530.33 3710895.59 58.46706 (19122917) 437525.54
3710918.41 56.48855 (19122917)
437503.41 3710956.82 54.59691 (18021605) 437486.05

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437434.00   3711019.15   74.98589 (17072004)   437416.65
3711034.74   73.28502 (19040621)
        437399.29   3711050.32   58.78190 (20050801)   437559.04
3710758.63   71.33522 (18022222)
        437556.31   3710733.83   74.09208 (17122019)   437553.59
3710709.02   75.87411 (17122019)
        437550.86   3710684.21   78.07750 (18021903)   437548.13
3710659.41   78.65039 (19122417)
        437545.40   3710634.60   79.84275 (17022318)   437542.67
3710609.79   82.36454 (20020818)
        437603.78   3710776.84   64.48293 (18021904)   437598.82
3710800.51   63.49658 (18021904)
        437593.85   3710824.18   58.80232 (18022222)   437588.89
3710847.85   54.97541 (17021107)
        437583.93   3710871.52   55.54272 (18122117)   437578.97
3710895.19   54.11811 (17021119)
        437574.00   3710918.86   52.48647 (19122917)   437569.04
3710942.54   52.44146 (19122917)

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        437546.08   3710982.37       50.56635  (21123118)               437528.09
3710998.53       52.08584  (18021605)
        437510.09   3711014.69       51.24653  (18021605)               437492.10
3711030.85       51.10718  (21021319)
        437474.10   3711047.01       56.09803  (17072004)               437456.11
3711063.17       70.54337  (17072004)
        437438.11   3711079.33       69.74711  (19040621)               437420.12
3711095.49       56.20868  (20050801)
        437608.74   3710753.17       66.32698  (17122019)               437606.01
3710728.36       66.98715  (17122019)
        437603.29   3710703.55       69.22150  (18021903)               437600.56
3710678.75       69.11870  (19122417)
        437597.83   3710653.94       69.91974  (17022318)               437595.10
3710629.13       71.39701  (20020818)
        437592.37   3710604.33       69.46570  (20020818)               437653.34
3710772.05       52.69581  (18011920)
        437648.23   3710796.40       48.74294  (18021904)               437643.13
3710820.74       49.27885  (18021904)
        437638.02   3710845.09       51.06332  (18021904)               437632.92
3710869.44       48.35644  (18021904)
        437627.82   3710893.79       50.07757  (18122117)               437622.71
3710918.13       49.82976  (18122117)
        437617.61   3710942.48       48.67014  (17021119)               437612.50
3710966.83       48.35291  (19122917)
        437588.89   3711007.80       46.20575  (17010218)               437570.38
3711024.42       47.43797  (21123118)
        437551.87   3711041.04       48.44546  (18021605)               437533.36
3711057.66       47.98410  (21021319)
        437514.85   3711074.28       48.24860  (21021319)               437496.34
3711090.91       49.29537  (17072004)
        437477.84   3711107.53       65.06356  (17072004)               437459.33
3711124.15       68.69499  (19040621)
        437440.82   3711140.77       54.87657  (20050801)               437658.44
3710747.70       55.63645  (18021903)
        437655.71   3710722.89       59.85415  (18021903)               437652.99
3710698.09       60.15353  (19021521)
        437650.26   3710673.28       59.89869  (17022318)               437647.53
3710648.47       61.16755  (18021902)
        437644.80   3710623.67       61.44288  (20020818)               437642.07
3710598.86       54.55356  (17012018)
        437703.36   3710765.06       31.31690  (19040418)               437698.57
3710787.89       31.80117  (19020503)
        437693.79   3710810.71       32.64847  (19020503)               437689.00
3710833.54       34.64046  (19022102)
        437684.22   3710856.36       38.63031  (18021904)               437679.43
3710879.19       43.73655  (18021904)
        437674.64   3710902.01       42.51738  (18021904)               437669.86
3710924.84       44.13287  (18122117)
        437665.07   3710947.67       45.11626  (18122117)               437660.29
3710970.49       45.32705  (17021119)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	31.48250	(19040418)	437705.41	3710717.43	31.11239	(19040418)
437702.69	3710692.62	32.66014	(19021718)	437699.96	3710667.81	35.41271	(19021718)
437697.23	3710643.01	33.19553	(19021718)	437694.50	3710618.20	32.16585	(21101617)
437691.77	3710593.39	34.36498	(21101617)	437752.93	3710760.18	27.60183	(19040418)
437748.03	3710783.59	27.44660	(19040418)	437743.12			

3710807.00 28.01859 (19020503)
437738.21 3710830.41 29.39813 (19020503) 437733.30
3710853.82 29.26515 (19022102)
437728.39 3710877.23 28.90747 (19022102) 437723.49
3710900.65 28.91591 (18021904)
437718.58 3710924.06 30.64602 (18021904) 437713.67
3710947.47 32.20054 (18021904)
437708.76 3710970.88 40.40357 (18122117) 437703.85
3710994.29 42.62967 (17021119)
437698.94 3711017.70 41.42850 (19122917) 437676.24
3711057.09 41.93809 (19122917)
437658.44 3711073.08 40.40286 (17010218) 437640.65
3711089.06 41.47555 (21123118)
437622.85 3711105.04 41.98012 (18021605) 437605.05
3711121.02 41.83914 (18021605)
437587.25 3711137.01 42.17235 (21021319) 437569.46
3711152.99 40.45149 (21021319)
437551.66 3711168.97 47.56230 (17072004) 437533.86
3711184.95 54.85899 (17072004)
437516.07 3711200.93 59.00476 (19040621) 437498.27
3711216.92 59.64963 (19040621)
437480.47 3711232.90 52.75566 (19040621) 437757.84
3710736.77 26.64306 (19040418)
437755.11 3710711.96 25.33486 (19040418) 437752.39
3710687.15 23.18736 (19040418)
437749.66 3710662.35 23.59121 (21101617) 437746.93
3710637.54 26.36585 (21101617)
437744.20 3710612.73 28.51445 (21101617) 437741.47
3710587.93 29.80723 (21101617)
437852.14 3710750.18 19.87549 (19040418) 437847.03
3710774.53 21.16368 (19040418)
437841.93 3710798.88 21.73467 (19040418) 437836.83
3710823.23 21.53629 (19040418)
437831.72 3710847.57 21.44189 (19020503) 437826.62
3710871.92 24.38049 (19020503)
437821.51 3710896.27 25.37674 (19022102) 437816.41
3710920.62 25.03392 (19022102)
437811.30 3710944.96 23.95883 (19022102) 437806.20
3710969.31 23.38002 (18021904)
437801.09 3710993.66 21.56544 (18021904) 437795.99
3711018.01 20.31228 (18021904)
437790.88 3711042.35 23.11233 (17122018) 437785.78
3711066.70 29.51041 (19120917)
437762.17 3711107.67 37.48852 (19122917) 437743.66
3711124.29 37.07982 (19122917)
437725.15 3711140.91 35.72582 (20101718) 437706.64
3711157.53 36.67651 (21123118)
437688.13 3711174.16 36.62632 (18021605) 437669.62
3711190.78 34.57270 (18021605)
437651.11 3711207.40 32.79130 (21021319) 437632.60

3711224.02   32.56162 (21021319)
        437614.10   3711240.64   36.69823 (17072004)   437595.59
3711257.26   44.49334 (17072004)
        437577.08   3711273.89   50.09691 (17072004)   437558.57
3711290.51   52.42017 (19040621)
        437540.06   3711307.13   51.76297 (19040621)   437521.55
3711323.75   48.96015 (19040621)
        437857.24   3710725.84   17.98042 (19040418)   437854.52
3710701.03   16.80917 (19050518)
        437851.79   3710676.22   18.36021 (21101617)   437849.06
3710651.42   20.17445 (21101617)
        437846.33   3710626.61   21.58750 (21101617)   437843.60
3710601.80   22.50954 (21101617)
        437840.87   3710577.00   22.81423 (21101617)   437951.68
3710738.57   13.36484 (19040418)
        437946.72   3710762.25   14.96303 (19040418)   437941.76
3710785.92   16.26305 (19040418)
        437936.79   3710809.59   17.14572 (19040418)   437931.83
3710833.26   17.54854 (19040418)
        437926.87   3710856.93   17.46034 (19040418)   437921.91
3710880.60   19.76476 (19020503)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        437916.94   3710904.27       20.60254  (19020503)                437911.98
3710927.94       21.05051  (19020503)
        437907.02   3710951.61       21.50755  (19022102)                437902.05
3710975.29       21.29050  (19022102)
        437897.09   3710998.96       20.65574  (18021904)                437892.13
3711022.63       20.42540  (18021904)
        437887.17   3711046.30       19.19679  (18021904)                437882.20
3711069.97       17.75028  (18021904)
        437877.24   3711093.64       17.51055  (17122018)                437872.28
3711117.31       19.18428  (17122018)
        437849.32   3711157.14       28.23263  (17021119)                437831.33
3711173.30       33.14905  (19122917)
        437813.33   3711189.46       33.35126  (19122917)                437795.34
3711205.62       32.32285  (19022819)
        437777.34   3711221.78       32.66271  (21123118)                437759.35
3711237.94       33.07700  (21123118)
        437741.35   3711254.10       33.60496  (18021605)                437723.36
3711270.26       33.31582  (18021605)
        437705.36   3711286.42       33.40814  (21021319)                437687.37
3711302.58       33.63068  (21021319)
        437669.37   3711318.74       32.68570  (19012018)                437651.38
3711334.90       33.43554  (19012018)
        437633.38   3711351.06       38.91362  (17072004)                437615.39
3711367.22       44.14222  (17072004)
        437597.39   3711383.38       47.08563  (17072004)                437579.40
3711399.54       47.08068  (17072004)
        437561.40   3711415.70       43.96249  (17072004)                437956.64
3710714.90       13.42192  (19050518)
        437953.92   3710690.10       14.66570  (21101617)                437951.19
3710665.29       15.91813  (21101617)
        437948.46   3710640.48       16.90946  (21101617)                437945.73
3710615.68       17.55781  (21101617)
        437943.00   3710590.87       17.81579  (21101617)                437940.27
3710566.06       17.67535  (21101617)
        438050.94   3710728.32       13.44396  (19021718)                438045.84
3710752.67       15.13946  (19021718)
        438040.73   3710777.01       13.89117  (19021718)                438035.63
3710801.36       12.73825  (19040418)
        438030.52   3710825.71       13.66401  (19040418)                438025.42
3710850.06       15.98000  (19021718)
        438020.31   3710874.40       17.61138  (19021718)                438015.21
3710898.75       18.10285  (19021718)
        438010.10   3710923.10       19.09512  (19022102)                438005.00
3710947.45       20.04129  (19022102)
        437999.90   3710971.79       20.36369  (19022102)                437994.79
3710996.14       19.59465  (19022102)
        437989.69   3711020.49       19.37262  (19022102)                437984.58
3711044.84       18.89039  (18021904)
        437979.48   3711069.18       18.12651  (18021904)                437974.37
3711093.53       17.10697  (18021904)
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        437969.27   3711117.88       16.04022  (18021904)                437964.16
3711142.23       14.72426  (18021901)
        437959.06   3711166.57       14.71727  (17122018)                437935.45
3711207.54       16.56851  (19120917)
        437916.94   3711224.16       21.43619  (19120917)                437898.43
3711240.79       26.34298  (18011921)
        437879.92   3711257.41       29.43438  (19122917)                437861.41
3711274.03       29.18034  (19022819)
        437842.90   3711290.65       29.52733  (21123118)                437824.39
3711307.27       29.99014  (21123118)
        437805.88   3711323.89       30.27135  (17021106)                437787.37
3711340.52       30.14610  (18021605)
        437768.87   3711357.14       29.85899  (21021319)                437750.36
3711373.76       30.44292  (21021319)
        437731.85   3711390.38       29.92719  (21021319)                437713.34
3711407.00       30.07785  (19012018)
        437694.83   3711423.62       30.88981  (17072004)                437676.32
3711440.25       35.92202  (17072004)
        437657.81   3711456.87       39.10048  (17072004)                437639.30
3711473.49       40.53505  (17072004)
        437620.79   3711490.11       39.62843  (17072004)                437602.29
3711506.73       37.67509  (17072004)
        438056.04   3710703.97       11.96680  (21101617)                438053.32
3710679.16       12.87278  (21101617)
        438050.59   3710654.36       13.59613  (21101617)                438047.86
3710629.55       14.09289  (21101617)
        438045.13   3710604.74       14.33165  (21101617)                438042.40
3710579.94       14.28367  (21101617)
        438039.67   3710555.13       13.94808  (21101617)                438150.45
3710716.86       28.47655  (20020818)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 285
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                 INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                 L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                 L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438145.46	3710740.67	24.31594	(20020818)	438140.46	3710764.49	18.43826	(20020818)
438135.47	3710788.31	13.52593	(19021718)	438130.48	3710812.13	13.19429	(19021718)
438125.48	3710835.95	18.03770	(19021718)	438120.49	3710859.77	18.74607	(19021718)
438115.50	3710883.58	18.50621	(19021718)	438110.50	3710907.40	17.75309	(19021718)
438105.51	3710931.22	17.36392	(19021521)	438100.52	3710955.04	17.37990	(19022102)
438095.52	3710978.86	17.94811	(19022102)	438090.53	3711002.67	18.35082	(19022102)
438085.54	3711026.49	18.52573	(19022102)	438080.54	3711050.31	17.95143	(19022102)
438075.55	3711074.13	17.25279	(19022102)	438070.55	3711097.95	16.87354	(18021904)
438065.56	3711121.77	16.57624	(18021904)	438060.57	3711145.58	15.52480	(18021904)
438055.57	3711169.40	14.46397	(18021904)	438050.58	3711193.22	13.46640	(18021904)
438045.59	3711217.04	13.59117	(17122018)	438022.49	3711257.12	14.06707	(17122018)
438004.38	3711273.38	14.60578	(19120917)	437986.27	3711289.64	15.96839	(19120917)
437968.17	3711305.90	18.62310	(21012218)	437950.06	3711322.16	23.25487	(17010218)
437931.95	3711338.42	26.23394	(17010218)	437913.85	3711354.68	26.60748	(21123118)
437895.74	3711370.94	27.35737	(21123118)	437877.64	3711387.20	27.44332	(17021106)
437859.53	3711403.46	27.75453	(18021605)	437841.42	3711419.72	27.29354	(18021605)
437823.32	3711435.98	27.46153	(21021319)	437805.21	3711452.24	27.79031	(21021319)
437787.10	3711468.50	27.23541	(21021319)	437769.00	3711484.76	27.35002	(19012018)
437750.89	3711501.02	27.55562	(17072004)	437732.78	3711517.28	32.44015	(17072004)
437714.68	3711533.54	35.76486	(17072004)	437696.57	3711549.80	37.44319	(17072004)
437678.46	3711566.06	37.12839	(17072004)	437660.36			

3711582.32   35.10654 (17072004)
        437642.25   3711598.58   32.56875 (20112420)   438155.45
3710693.04   30.93667 (20020818)
        438152.72   3710668.23   33.44711 (19012101)   438149.99
3710643.42   34.15493 (19012101)
        438147.26   3710618.62   32.33586 (18020519)   438144.53
3710593.81   27.93951 (18122506)
        438141.80   3710569.00   24.86607 (18122507)   438139.08
3710544.20   23.31450 (18122507)
        438249.74   3710706.45   28.30580 (17010518)   438244.64
3710730.80   29.63359 (17010518)
        438239.53   3710755.15   30.64688 (21010117)   438234.43
3710779.50   30.21547 (18021902)
        438229.32   3710803.84   28.50140 (18021902)   438224.22
3710828.19   23.97097 (18021902)
        438219.11   3710852.54   19.23522 (19021718)   438214.01
3710876.89   12.67271 (19021718)
        438208.91   3710901.23   16.67183 (19021718)   438203.80
3710925.58   17.32273 (19021521)
        438198.70   3710949.93   17.35041 (19021521)   438193.59
3710974.28   16.78930 (19021521)
        438188.49   3710998.62   17.13677 (18011920)   438183.38
3711022.97   17.66719 (19022102)
        438178.28   3711047.32   17.74976 (19022102)   438173.17
3711071.67   17.50719 (19022102)
        438168.07   3711096.01   17.08397 (19022102)   438162.96
3711120.36   16.80743 (18021904)
        438157.86   3711144.71   16.93509 (18021904)   438152.76
3711169.06   16.75299 (18021904)
        438147.65   3711193.40   16.11854 (18021904)   438142.55
3711217.75   14.79561 (18021904)
        438137.44   3711242.10   13.40778 (18021904)   438132.34
3711266.45   12.90312 (17122018)
        438108.72   3711307.41   13.26686 (17122018)   438090.22
3711324.04   14.35733 (19120917)
        438071.71   3711340.66   16.18732 (19120917)   438053.20
3711357.28   17.65350 (21012218)
        438034.69   3711373.90   20.26367 (18011921)   438016.18
3711390.52   23.65119 (17010218)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155

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, L0004156    , L0004157    , L0004158    ,
                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437997.67   3711407.14       24.40463  (17010218)               437979.16
3711423.77       24.43434  (21123118)
        437960.65   3711440.39       25.12449  (21123118)               437942.14
3711457.01       25.16131  (17021106)
        437923.64   3711473.63       25.47950  (18021605)               437905.13
3711490.25       25.19440  (18021605)
        437886.62   3711506.87       25.04089  (21122817)               437868.11
3711523.50       25.53861  (21021319)
        437849.60   3711540.12       25.30594  (21021319)               437831.09
3711556.74       24.65656  (19012018)
        437812.58   3711573.36       25.18601  (19012018)               437794.07
3711589.98       27.19879  (17072004)
        437775.56   3711606.60       30.93883  (17072004)               437757.06
3711623.23       33.44023  (17072004)
        437738.55   3711639.85       34.46537  (17072004)               437720.04
3711656.47       33.85143  (17072004)
        437701.53   3711673.09       31.71885  (17072004)               437683.02
3711689.71       30.10562  (17093002)
        438254.85   3710682.11       27.16453  (17121917)               438252.12
3710657.30       26.84734  (17121917)
        438249.39   3710632.49       26.68385  (21092420)               438246.66
3710607.69       27.43203  (19021618)
        438243.93   3710582.88       28.39230  (19021618)               438241.20
3710558.07       28.48550  (17012318)
        438238.48   3710533.27       28.91352  (21090924)               438349.23
3710695.09       24.51605  (17121917)
        438344.22   3710719.00       23.77970  (17010518)               438339.21
3710742.91       24.30612  (17010518)
        438334.19   3710766.82       24.62728  (21010117)               438329.18
3710790.74       26.75396  (20123124)
        438324.17   3710814.65       27.96337  (20123124)               438319.15
3710838.56       27.41016  (17022318)
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        438314.14   3710862.47       26.85027  (17022318)                438309.13
3710886.39       24.98180  (17022318)
        438304.11   3710910.30       23.14524  (19021521)                438299.10
3710934.21       19.44305  (19021521)
        438294.09   3710958.13       14.55977  (19021718)                438289.07
3710982.04       13.92365  (19021718)
        438284.06   3711005.95       15.15539  (19021521)                438279.05
3711029.86       16.05088  (18011920)
        438274.03   3711053.78       16.60267  (18011920)                438269.02
3711077.69       17.02984  (18011920)
        438264.01   3711101.60       17.43986  (19022102)                438258.99
3711125.51       17.44806  (19022102)
        438253.98   3711149.43       16.70803  (18021904)                438248.97
3711173.34       16.17598  (18021904)
        438243.95   3711197.25       16.63675  (18021904)                438238.94
3711221.17       16.64818  (18021904)
        438233.93   3711245.08       15.51380  (18021904)                438228.91
3711268.99       13.31978  (18021904)
        438223.90   3711292.90       11.79348  (18021904)                438218.89
3711316.82       11.64635  (18021901)
        438195.69   3711357.05       13.66463  (17122018)                438177.52
3711373.38       16.06229  (19120917)
        438159.34   3711389.70       19.41350  (17021119)                438141.16
3711406.03       20.36477  (17021119)
        438122.98   3711422.35       20.98663  (19122917)                438104.80
3711438.68       21.83813  (19122917)
        438086.62   3711455.00       22.12686  (17010218)                438068.45
3711471.33       22.33797  (17010218)
        438050.27   3711487.65       21.96794  (20040220)                438032.09
3711503.98       22.75254  (21123118)
        438013.91   3711520.30       23.06505  (21123118)                437995.73
3711536.63       23.40888  (18021605)
        437977.55   3711552.95       23.56028  (18021605)                437959.38
3711569.28       23.09766  (21122720)
        437941.20   3711585.60       23.14226  (21021319)                437923.02
3711601.93       23.47767  (21021319)
        437904.84   3711618.25       23.20152  (21021319)                437886.66
3711634.58       22.60406  (19012018)
        437868.48   3711650.90       23.13142  (19012018)                437850.31
3711667.23       24.07297  (17072004)
        437832.13   3711683.55       27.64134  (17072004)                437813.95
3711699.88       30.37384  (17072004)
        437795.77   3711716.20       31.94087  (17072004)                437777.59
3711732.53       32.19240  (17072004)
        437759.41   3711748.85       31.14075  (17072004)                437741.24
3711765.17       28.89922  (17072004)
        437723.06   3711781.50       28.53074  (17093002)                438354.25
3710671.17       25.23193  (17121917)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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3711098.50       14.64018  (18011920)
        438356.66   3711122.84       14.72712  (19022102)                438351.56
3711147.19       16.16885  (19020522)
        438346.45   3711171.54       16.81736  (18021904)                438341.35
3711195.89       16.05210  (18021904)
        438336.24   3711220.23       15.06097  (18021904)                438331.14
3711244.58       14.69230  (18021904)
        438326.03   3711268.93       14.46356  (18021904)                438320.93
3711293.28       14.08609  (18021904)
        438315.83   3711317.62       13.65207  (18021904)                438310.72
3711341.97       12.89675  (18021904)
        438305.62   3711366.32       12.05926  (18122502)                438282.00
3711407.29       13.56677  (19021420)
        438263.49   3711423.91       16.43732  (17021119)                438244.98
3711440.53       18.81652  (17021119)
        438226.48   3711457.15       19.12201  (17021119)                438207.97
3711473.77       18.75120  (19122917)
        438189.46   3711490.40       19.47649  (19122917)                438170.95
3711507.02       20.34425  (19122917)
        438152.44   3711523.64       20.54998  (17010218)                438133.93
3711540.26       20.45681  (17010218)
        438115.42   3711556.88       19.96039  (17010218)                438096.91
3711573.50       20.77920  (21123118)
        438078.41   3711590.13       21.18774  (21123118)                438059.90
3711606.75       21.59059  (18021605)
        438041.39   3711623.37       21.79351  (18021605)                438022.88
3711639.99       21.45641  (18021605)
        438004.37   3711656.61       21.33512  (21122720)                437985.86
3711673.23       21.70993  (21021319)
        437967.35   3711689.86       21.63384  (21021319)                437948.84
3711706.48       21.03849  (21021319)
        437930.33   3711723.10       21.24297  (19012018)                437911.83
3711739.72       21.44040  (19012018)
        437893.32   3711756.34       23.81390  (17072004)                437874.81
3711772.96       26.80865  (17072004)
        437856.30   3711789.58       28.93881  (17072004)                437837.79
3711806.21       29.98146  (17072004)
        437819.28   3711822.83       29.87076  (17072004)                437800.77
3711839.45       28.59399  (17072004)
        437782.26   3711856.07       26.30931  (17072004)                437763.75
3711872.69       26.71077  (17093002)
        438453.65   3710660.24       25.31870  (19011720)                438450.92
3710635.43       25.08121  (21031719)
        438448.19   3710610.63       25.59478  (18122506)                438445.46
3710585.82       25.52546  (19021618)
        438442.73   3710561.01       25.50466  (17021619)                438440.01
3710536.21       25.45789  (18122503)
        438437.28   3710511.40       25.15921  (18122503)                438548.02
3710673.29       23.42019  (19011720)
        438542.99   3710697.27       24.02952  (17121917)                438537.97
```

3710721.24   23.66399 (17121917)
        438532.94   3710745.22   22.26337 (17010518)   438527.91
3710769.20   21.53876 (17010518)
        438522.88   3710793.18   20.40951 (17010518)   438517.86
3710817.16   20.48265 (21010117)
        438512.83   3710841.14   20.64688 (21010117)   438507.80
3710865.12   20.36403 (20123124)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        438502.78   3710889.09   20.04561 (17032223)   438497.75
3710913.07   21.67880 (20012117)
        438492.72   3710937.05   22.90409 (20012117)   438487.69
3710961.03   24.22512 (20012117)
        438482.67   3710985.01   23.89339 (20012117)   438477.64
3711008.99   22.95188 (17120317)
        438472.61   3711032.97   19.90985 (18021903)   438467.59
3711056.94   16.17072 (18021903)
        438462.56   3711080.92   12.36074 (19021521)   438457.53
3711104.90   12.66074 (18011920)
        438452.50   3711128.88   15.10298 (18011920)   438447.48
3711152.86   15.67863 (18011920)
        438442.45   3711176.84   16.07455 (18011920)   438437.42
3711200.82   16.65859 (19020522)

```
        438432.40   3711224.79       16.89696  (18021904)                438427.37
3711248.77       16.35244  (18021904)
        438422.34   3711272.75       14.72125  (18021904)                438417.31
3711296.73       13.31894  (18021904)
        438412.29   3711320.71       12.22149  (18021904)                438407.26
3711344.69       11.78556  (18021904)
        438402.23   3711368.67       11.79810  (18021904)                438397.21
3711392.64       11.64440  (18021904)
        438392.18   3711416.62       11.35408  (18122502)                438368.92
3711456.97       11.71100  (17122018)
        438350.69   3711473.34       11.92848  (17122018)                438332.47
3711489.71       12.74049  (19120917)
        438314.24   3711506.08       14.37466  (19120917)                438296.01
3711522.45       16.33581  (17021119)
        438277.78   3711538.82       16.75442  (19122917)                438259.55
3711555.19       17.35962  (19122917)
        438241.32   3711571.56       17.77598  (19122917)                438223.09
3711587.93       18.30070  (17010218)
        438204.87   3711604.30       18.66746  (17010218)                438186.64
3711620.67       18.55437  (17010218)
        438168.41   3711637.04       19.03989  (21123118)                438150.18
3711653.41       19.68828  (21123118)
        438131.95   3711669.78       19.84484  (18021605)                438113.72
3711686.15       20.33733  (18021605)
        438095.50   3711702.52       20.33816  (18021605)                438077.27
3711718.89       20.02807  (21122720)
        438059.04   3711735.26       20.04488  (21122817)                438040.81
3711751.63       20.40610  (21021319)
        438022.58   3711768.00       20.30980  (21021319)                438004.35
3711784.37       19.83752  (20031318)
        437986.13   3711800.74       19.93994  (19012018)                437967.90
3711817.11       20.26368  (19012018)
        437949.67   3711833.48       20.12566  (19012018)                437931.44
3711849.85       22.39056  (17072004)
        437913.21   3711866.22       25.06600  (17072004)                437894.98
3711882.59       26.86001  (17072004)
        437876.75   3711898.96       27.63504  (17072004)                437858.53
3711915.33       27.35504  (17072004)
        437840.30   3711931.70       26.11891  (17072004)                437822.07
3711948.07       24.53179  (20112420)
        437803.84   3711964.44       25.42852  (17093002)                438553.05
3710649.31       22.91589  (21092420)
        438550.32   3710624.50       22.31559  (19021618)                438547.59
3710599.69       21.10954  (19021618)
        438544.86   3710574.89       20.07623  (17012318)                438542.13
3710550.08       20.42078  (17021619)
        438539.41   3710525.27       20.66556  (18122503)                438536.68
3710500.47       20.49258  (18122503)
        438647.34   3710662.72       19.61264  (21092420)                438642.24
3710687.07       20.65432  (21092420)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3711222.72 12.78121 (19022102)
438524.84 3711247.06 15.10163 (19020522) 438519.73
3711271.41 15.80069 (18021904)
438514.63 3711295.76 15.77462 (18021904) 438509.52
3711320.11 15.78545 (18021904)
438504.42 3711344.45 15.50230 (18021904) 438499.31
3711368.80 14.50979 (18021904)
438494.21 3711393.15 13.50082 (18021904) 438489.10
3711417.50 12.87791 (18021904)
438484.00 3711441.84 12.04418 (18021904) 438478.89
3711466.19 11.78867 (18122502)
438455.28 3711507.16 11.51158 (19021419) 438436.77
3711523.78 11.47710 (19021420)
438418.26 3711540.40 11.51835 (19120917) 438399.75
3711557.02 12.02521 (19120917)
438381.25 3711573.65 13.57483 (19120917) 438362.74
3711590.27 15.59286 (17021119)
438344.23 3711606.89 17.21220 (19122917) 438325.72
3711623.51 18.19635 (19122917)
438307.21 3711640.13 18.09628 (19122917) 438288.70
3711656.75 17.94235 (17010218)
438270.19 3711673.38 17.82260 (17010218) 438251.68
3711690.00 17.32372 (17010218)
438233.17 3711706.62 17.69069 (21123118) 438214.67
3711723.24 18.20673 (21123118)
438196.16 3711739.86 18.37715 (18021605) 438177.65
3711756.48 18.92814 (18021605)
438159.14 3711773.11 19.03387 (18021605) 438140.63
3711789.73 18.71176 (21122720)
438122.12 3711806.35 18.74127 (21122817) 438103.61
3711822.97 19.04746 (21021319)
438085.10 3711839.59 19.09539 (21021319) 438066.60
3711856.21 18.70289 (21021319)
438048.09 3711872.84 18.47345 (20042621) 438029.58
3711889.46 18.88729 (19012018)
438011.07 3711906.08 18.97079 (19012018) 437992.56
3711922.70 19.36547 (17072004)
437974.05 3711939.32 22.21882 (17072004) 437955.54
3711955.94 24.41302 (17072004)
437937.03 3711972.57 25.80390 (17072004) 437918.52
3711989.19 26.16974 (17072004)
437900.02 3712005.81 25.61983 (17072004) 437881.51
3712022.43 24.24370 (17072004)
437863.00 3712039.05 23.19742 (20112420) 437844.49
3712055.67 24.04189 (17093002)
438652.45 3710638.38 18.85105 (19021618) 438649.72
3710613.57 18.73350 (19021618)
438646.99 3710588.76 18.17893 (21082021) 438644.26
3710563.96 18.67495 (17021619)
438641.54 3710539.15 18.85975 (18122503) 438638.81

3710514.34   19.11877 (18122503)
        438636.08   3710489.54   18.74116 (18122503)   438746.81
3710651.47   17.14423 (21031719)
        438741.77   3710675.50   17.55968 (21092420)   438736.74
3710699.52   17.93583 (21092420)
        438731.70   3710723.55   18.87409 (17121917)   438726.66
3710747.58   19.57435 (17121917)
        438721.62   3710771.61   19.85302 (17121917)   438716.59
3710795.63   20.40197 (17010518)
        438711.55   3710819.66   19.87106 (17010518)   438706.51
3710843.69   18.36969 (18100919)
        438701.48   3710867.71   18.20016 (21010117)   438696.44
3710891.74   18.03142 (20123124)
        438691.40   3710915.77   17.99617 (20123124)   438686.36
3710939.80   18.56614 (17032223)
        438681.33   3710963.82   20.57761 (20012117)   438676.29
3710987.85   21.42609 (20012117)
        438671.25   3711011.88   21.66392 (20012117)   438666.21
3711035.90   21.21753 (20012117)
        438661.18   3711059.93   20.44528 (20012117)   438656.14
3711083.96   21.08376 (17120317)
        438651.10   3711107.99   20.20883 (18021903)   438646.06
3711132.01   18.76755 (18021903)
        438641.03   3711156.04   17.00254 (18021903)   438635.99
3711180.07   15.05854 (17122019)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438630.95	3711204.09	13.84902	(17122019)	438625.92	3711228.12	13.71015	(18011920)
438620.88	3711252.15	13.52976	(18011920)	438615.84	3711276.18	12.82271	(19020522)
438610.80	3711300.20	10.97131	(19022102)	438605.77	3711324.23	10.14194	(19022102)
438600.73	3711348.26	11.42778	(18021904)	438595.69	3711372.28	12.91622	(18021904)
438590.65	3711396.31	13.57743	(18021904)	438585.62	3711420.34	13.41475	(18021904)
438580.58	3711444.37	12.60424	(18021904)	438575.54	3711468.39	11.50804	(18021904)
438570.50	3711492.42	10.39549	(18021904)	438565.47	3711516.45	9.19441	(18021904)
438542.16	3711556.88	9.10230	(17122018)	438523.90	3711573.28	9.78414	(17122018)
438505.63	3711589.68	10.65640	(19021420)	438487.37	3711606.09	11.94951	(19021420)
438469.10	3711622.49	14.10321	(17021119)	438450.84	3711638.89	15.83812	(17021119)
438432.57	3711655.29	15.80535	(17021119)	438414.31	3711671.70	16.82142	(19122917)
438396.04	3711688.10	17.39208	(19122917)	438377.78	3711704.50	17.74424	(19122917)
438359.51	3711720.91	17.57756	(19122917)	438341.25	3711737.31	17.30255	(19022819)
438322.98	3711753.71	17.09651	(20040220)	438304.71	3711770.12	17.30776	(20040220)
438286.45	3711786.52	17.63877	(21123118)	438268.18	3711802.92	17.73899	(21123118)
438249.92	3711819.32	17.81921	(17021106)	438231.65	3711835.73	17.92775	(18021605)
438213.39	3711852.13	17.81711	(18021605)	438195.12	3711868.53	17.61248	(21122720)
438176.86	3711884.94	17.62752	(21122817)	438158.59	3711901.34	17.92466	(21021319)
438140.33	3711917.74	17.93123	(21021319)	438122.06	3711934.14	17.56340	(21021319)
438103.80	3711950.55	17.34988	(20042621)	438085.53	3711966.95	17.70336	(19012018)
438067.27	3711983.35	17.83706	(19012018)	438049.00	3711999.76	17.60190	(19012018)
438030.73	3712016.16	20.59614	(17072004)	438012.47	3712032.56	22.64108	(17072004)
437994.20	3712048.97	23.84162	(17072004)	437975.94	3712065.37	24.29256	(17072004)

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        437957.67   3712081.77       23.82218  (17072004)                437939.41
3712098.17       22.61141  (17072004)
        437921.14   3712114.58       21.31253  (17072004)                437902.88
3712130.98       21.65818  (20112420)
        437884.61   3712147.38       22.57217  (17093002)                438751.85
3710627.44       17.34935  (18122506)
        438749.12   3710602.64       17.22325  (18122506)                438746.39
3710577.83       17.15396  (18122507)
        438743.66   3710553.02       17.62429  (18122507)                438740.94
3710528.22       17.67404  (18122503)
        438738.21   3710503.41       17.56439  (18122503)                438735.48
3710478.60       17.14993  (19121517)
        437306.53   3710616.73      173.92759  (19040418)                437313.98
3710595.52      181.57762  (19040418)
        437321.42   3710574.31      164.12004  (19040418)                437361.16
3710612.07      136.70354  (19040418)
        437368.60   3710590.86      124.47769  (19040418)                437415.78
3710607.42      108.01161  (17022318)
        437433.19   3710708.81       88.51188  (18022222)                437480.37
3710725.37       82.08092  (18022222)
        437582.17   3710737.27       70.72324  (17122019)                437676.53
3710770.38       40.81771  (19022102)
        437683.97   3710749.17       42.06908  (19021521)                437716.27
3710808.14       30.10359  (19020503)
        437723.71   3710786.93       28.66736  (19040418)                438595.27
3711021.29       21.17766  (19122417)
        438674.75   3711096.83       20.81501  (17120317)                438682.19
3711075.62       19.77055  (17120317)
        437329.33   3710551.33      176.05959  (21101617)                437337.14
3710528.63      173.19069  (21101617)
        437344.96   3710505.93      150.97517  (21101617)                437352.77
3710483.23      122.66881  (18122507)
        437376.61   3710567.60      124.94869  (21101617)                437384.42
3710544.90      130.23987  (21101617)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 291
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
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L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	122.19919	(21101617)	437400.05	3710499.51	109.28368	(18122507)
437423.89	3710583.87	110.18274	(20020818)	437431.70	3710561.17	109.27700	(19012101)
437439.51	3710538.48	103.97063	(18122506)	437447.32	3710515.78	95.45311	(18122507)
437471.16	3710600.14	96.27989	(21010117)	437478.98	3710577.45	96.06794	(20020818)
437486.79	3710554.75	85.50327	(17012018)	437494.60	3710532.05	73.39473	(21101617)
437518.44	3710616.42	85.80530	(18021902)	437526.25	3710593.72	86.18421	(20020818)
437534.07	3710571.02	78.54446	(19012101)	437541.88	3710548.33	60.72740	(21101617)
437589.16	3710564.60	50.50428	(17012018)	437620.81	3710626.27	67.32361	(20020818)
437723.18	3710636.11	28.01683	(21101617)	437770.46	3710652.39	23.65677	(21101617)
437778.27	3710629.69	25.13149	(21101617)	437872.82	3710662.24	18.60676	(21101617)
438345.60	3710824.97	27.02034	(20123124)	438432.34	3710880.21	24.63073	(20012117)
438440.16	3710857.51	22.92554	(20123124)	438511.27	3710958.15	23.88756	(20012117)
438519.09	3710935.45	22.11136	(20012117)	438526.90	3710912.76	20.17400	(20012117)
438534.71	3710890.06	19.24223	(17081721)	438605.83	3710990.70	20.97307	(19122417)
438613.64	3710968.00	21.85370	(20012117)	438621.46	3710945.30	21.54947	(20012117)
438629.27	3710922.61	19.03072	(17032223)	438692.57	3711045.94	20.21265	(20012117)
438700.39	3711023.24	20.72537	(20012117)	438708.20	3711000.55	20.99075	(20012117)
438716.01	3710977.85	20.10288	(20012117)	438723.82	3710955.15	18.13589	(20012117)
437354.00	3710454.83	117.78186	(19012102)	437343.58			

3710413.15   111.52428 (19021721)
        437401.68   3710461.64   93.64371 (19012102)   437397.29
3710421.87   91.17627 (17012019)
        437450.09   3710451.88   62.29405 (18121016)   437445.80
3710409.74   50.87453 (21021017)
        437498.70   3710437.39   47.67351 (18121016)   437497.06
3710475.25   53.62868 (21101617)
        437494.31   3710397.61   39.37049 (21021017)   437547.15
3710426.61   38.21778 (18121016)
        437545.39   3710467.18   41.93729 (18121016)   437543.64
3710507.75   53.85384 (21101617)
        437542.82   3710385.49   31.38614 (21021017)   437595.61
3710415.50   31.19418 (18121016)
        437593.77   3710458.10   34.76499 (18121016)   437591.92
3710500.70   42.85883 (21101617)
        437591.32   3710373.36   25.59464 (21021017)   437644.18
3710401.95   25.50990 (18121016)
        437642.46   3710441.71   28.87889 (18121016)   437640.74
3710481.47   32.34589 (21101617)
        437639.02   3710521.23   38.96950 (21101617)   437637.29
3710560.99   42.00296 (21101617)
        437639.83   3710361.23   21.19651 (21021017)   437692.65
3710390.60   21.50205 (18121016)
        437690.86   3710431.91   24.54742 (18121016)   437689.08
3710473.22   26.28814 (21101617)
        437687.29   3710514.53   32.24122 (21101617)   437685.50
3710555.84   35.45082 (21101617)
        437688.34   3710349.11   17.85863 (21021017)   437741.13
3710379.12   18.29689 (18121016)
        437739.29   3710421.72   21.00216 (18121016)   437737.44
3710464.32   21.55373 (21101617)
        437735.60   3710506.92   26.87009 (21101617)   437733.76
3710549.52   30.17640 (21101617)
        437736.84   3710336.98   15.26084 (21021017)   437789.68
3710365.98   15.64803 (18121016)
        437787.93   3710406.55   18.04190 (18121016)   437786.17
3710447.12   18.77734 (18121016)
        437784.41   3710487.69   21.46078 (21101617)   437782.66
3710528.26   25.00227 (21101617)
        437780.90   3710568.83   26.72832 (21101617)   437785.35
3710324.85   13.17921 (21021017)
        437886.65   3710342.74   11.89257 (18121016)   437884.81
3710385.34   13.86574 (18121016)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***

INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.97	3710427.94	14.63712	(18121016)	437881.12	3710470.54	15.33916	(21101617)
437879.28	3710513.14	18.40450	(21101617)	437877.43	3710555.74	20.38735	(21101617)
437875.59	3710598.34	20.85800	(21101617)	437882.37	3710300.60	10.05828	(21021017)
437983.68	3710318.11	9.19052	(18121016)	437981.87	3710359.96	10.68960	(18121016)
437980.06	3710401.82	11.64891	(18121016)	437978.25	3710443.67	11.59854	(18121016)
437976.44	3710485.52	13.15728	(21101617)	437974.63	3710527.37	15.23054	(21101617)
437972.81	3710569.23	16.47892	(21101617)	437971.00	3710611.08	16.68947	(21101617)
437979.38	3710276.35	23.48616	(19021720)	438080.71	3710293.59	33.53616	(21121419)
438078.92	3710334.89	29.00785	(19012024)	438077.13	3710376.20	17.20704	(19012102)
438075.35	3710417.51	9.51585	(18121016)	438073.56	3710458.82	9.54157	(21101617)
438071.77	3710500.13	11.29970	(21101617)	438069.98	3710541.44	12.68912	(21101617)
438068.19	3710582.75	13.51669	(21101617)	438076.39	3710252.09	32.46355	(19040519)
438177.70	3710269.98	29.97021	(21121420)	438175.85	3710312.58	29.29246	(19070606)
438174.01	3710355.18	30.16467	(20122117)	438172.16	3710397.78	31.25550	(18031507)

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        438170.32   3710440.38       29.93811  (19022103)               438168.48
3710482.98       28.57393  (18122507)
        438166.63   3710525.58       29.15883  (18122507)               438164.79
3710568.18       28.43769  (18122507)
        438173.41   3710227.84       29.43841  (21121419)               438274.72
3710245.46       26.22409  (21121419)
        438272.90   3710287.54       27.20663  (19012024)               438271.08
3710329.61       28.30178  (18021618)
        438269.26   3710371.68       28.70426  (20122117)               438267.44
3710413.76       27.77213  (18031507)
        438265.62   3710455.83       26.73808  (18122504)               438263.79
3710497.90       27.04098  (18122503)
        438261.97   3710539.98       27.06000  (17021619)               438270.42
3710203.58       25.67051  (18012018)
        438371.75   3710221.00       25.06093  (21121419)               438369.94
3710262.65       25.88103  (19012024)
        438368.14   3710304.30       26.16517  (18021618)               438366.34
3710345.96       25.89255  (20122117)
        438364.53   3710387.61       25.81022  (18120117)               438362.73
3710429.26       25.94155  (18120117)
        438360.93   3710470.92       26.62499  (18122503)               438359.12
3710512.57       28.38061  (18122503)
        438367.44   3710179.33       24.08013  (18012018)               438468.74
3710197.22       23.57874  (21121419)
        438466.89   3710239.82       24.09533  (19012024)               438465.05
3710282.42       24.29666  (18021618)
        438463.21   3710325.02       24.61128  (20122117)               438461.36
3710367.62       23.42521  (18031507)
        438459.52   3710410.22       21.43746  (18052002)               438457.67
3710452.82       21.61379  (18122504)
        438455.83   3710495.42       22.73419  (18122503)               438464.45
3710155.08       22.25213  (18041601)
        438565.76   3710172.76       20.94395  (21072606)               438563.94
3710214.95       22.22807  (19012024)
        438562.11   3710257.15       22.56521  (18021618)               438560.28
3710299.34       22.36312  (20122117)
        438558.46   3710341.54       22.20878  (18031507)               438556.63
3710383.73       22.36424  (18031507)
        438554.80   3710425.92       20.89315  (18122504)               438552.98
3710468.12       20.03361  (19121517)
        438536.54   3710847.87       20.18812  (21010117)               438561.47
3710130.82       18.90438  (18041601)
        438662.78   3710148.34       17.82239  (21072606)               438660.97
3710190.19       19.23425  (19070606)
        438659.16   3710232.04       20.30220  (18021618)               438657.35
3710273.89       20.40051  (20122117)
        438655.54   3710315.75       19.08344  (20122117)               438653.73
3710357.60       18.99003  (18031507)
        438651.91   3710399.45       18.90706  (18052002)               438650.10
3710441.30       18.96557  (18122504)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	16.41204	(21072606)	438757.94	3710167.06	16.42387	(19070606)
438756.09	3710209.66	16.83896	(18021618)	438754.25	3710252.26	17.97960	(20051819)
438752.41	3710294.86	18.42910	(20122117)	438750.56	3710337.46	17.78463	(18031507)
438748.72	3710380.05	16.81813	(18120117)	438746.87	3710422.65	16.72805	(18122504)
438728.43	3710848.65	17.95196	(18100919)	438726.59	3710891.25	17.59499	(21010117)
438755.49	3710082.32	16.17362	(18041601)	437346.05	3710385.82	99.43824	(19012105)
437396.03	3710387.04	88.44665	(19012105)	437446.52	3710367.92	51.92044	(21012507)
437496.50	3710369.14	38.82731	(21021017)	437995.36	3710422.03	11.33240	(18121016)
437996.35	3710381.35	10.92606	(18121016)	438094.83	3710444.81	8.98333	(19123016)
438095.82	3710404.13	15.40544	(19012102)	438194.80			

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3710447.25       30.47592  (18120117)
        438195.80   3710406.57       30.69208  (18031507)                438294.77
3710449.69       27.76611  (18122504)
        438295.77   3710409.01       28.09133  (18120117)                438394.74
3710452.13       25.64108  (18122504)
        438395.74   3710411.45       25.52036  (18120117)                438494.71
3710454.57       20.39041  (18122504)
        438495.71   3710413.89       20.72108  (18052002)                438594.68
3710457.01       19.89402  (18122504)
        438595.68   3710416.33       20.44682  (18052002)                438694.65
3710459.46       17.61926  (18122504)
        438695.65   3710418.78       17.83021  (18122504)                438794.62
3710461.90       16.18196  (19121517)
        438795.62   3710421.22       15.93078  (20051119)                437341.85
3710350.28       78.23858  (20041418)
        437325.75   3710319.20       98.96852  (20041418)                437302.93
3710287.45       97.60178  (20041418)
        437382.46   3710321.10       72.45903  (18021907)                437391.84
3710351.50       86.72748  (17012020)
        437366.35   3710290.02       76.93891  (20041418)                437343.53
3710258.27       78.78027  (20041418)
        437424.00   3710294.96       62.48905  (18021907)                437435.26
3710331.44       65.06707  (18021907)
        437406.96   3710260.84       60.40101  (20041418)                437384.14
3710229.09       64.03781  (20041418)
        437464.33   3710264.91       48.61319  (18021907)                437475.05
3710299.66       36.93637  (19021722)
        437485.78   3710334.40       36.92149  (21021017)                437447.56
3710231.67       48.09996  (20041418)
        437424.74   3710199.91       52.46565  (20041418)                437504.78
3710235.25       31.14540  (19021722)
        437515.21   3710269.03       25.10190  (19020617)                437525.64
3710302.81       28.74043  (21021017)
        437536.06   3710336.58       31.33432  (21021017)                437488.16
3710202.49       39.01569  (20041418)
        437465.34   3710170.73       43.05841  (20041418)                437545.80
3710207.42       23.75607  (21020617)
        437557.06   3710243.90       20.79151  (19020617)                437568.32
3710280.38       23.61930  (21021017)
        437579.58   3710316.86       25.93400  (21021017)                437528.76
3710173.31       31.91658  (20041418)
        437505.94   3710141.55       36.02318  (20041418)                437586.25
3710177.74       20.17185  (21020617)
        437597.20   3710213.20       17.51612  (19020617)                437608.14
3710248.67       19.00059  (21021017)
        437619.09   3710284.14       21.32620  (21021017)                437630.04
3710319.60       22.14978  (21021017)
        437569.37   3710144.13       26.44408  (20041418)                437546.55
3710112.37       30.06686  (20041418)
        437626.74   3710148.20       17.32405  (21020617)                437637.46
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3710182.94   14.97408 (19012817)
        437648.19   3710217.68   15.92786 (21012518)   437658.91
3710252.42   17.65423 (21021017)
        437669.63   3710287.17   18.81688 (21021017)   437680.36
3710321.91   18.75926 (21021017)
        437609.97   3710114.95   22.18561 (20041418)   437587.15
3710083.19   25.70792 (20041418)
        437667.61   3710119.88   14.92716 (21020617)   437678.87
3710156.36   13.35449 (21012518)
        437690.13   3710192.84   14.26024 (21012518)   437701.39
3710229.32   15.09024 (21021017)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437712.65   3710265.80   16.21090 (21021017)   437723.91
3710302.28   16.29247 (21021017)
        437650.57   3710085.77   18.85835 (20041418)   437627.75
3710054.01   22.18166 (20041418)
        437708.10   3710090.35   13.05955 (21020617)   437719.14
3710126.11   11.91664 (21012518)
        437730.18   3710161.88   12.76265 (21012518)   437741.22
3710197.64   13.16567 (21012518)
        437752.26   3710233.41   13.85652 (21021017)   437763.30
3710269.17   14.31623 (21021017)

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        437774.33   3710304.94       13.94168  (21021017)               437691.17
3710056.59       16.19252  (20041418)
        437668.35   3710024.83       19.26751  (20041418)               437789.42
3710032.35       10.22164  (21020617)
        437800.68   3710068.83        9.74834  (21012518)               437811.94
3710105.31       10.48489  (21012518)
        437823.20   3710141.79       10.91227  (21012518)               437834.46
3710178.27       10.97362  (21012518)
        437845.71   3710214.75       11.02698  (21021017)               437856.97
3710251.23       11.14469  (21021017)
        437772.38   3709998.23       12.38539  (20041418)               437749.56
3709966.48       14.89442  (20041418)
        437870.70   3709974.25        8.32076  (21020617)               437882.13
3710011.26       12.46751  (19021722)
        437893.55   3710048.27       11.93531  (19021722)               437904.97
3710085.28       11.71581  (21012519)
        437916.39   3710122.29       18.85033  (19012105)               437927.82
3710159.30       23.35029  (19012105)
        437939.24   3710196.30       24.54568  (19021721)               437950.66
3710233.31       24.13110  (17012019)
        437853.58   3709939.87        9.75457  (20041418)               437830.76
3709908.12       11.77168  (20041418)
        437951.76   3709915.40       12.06114  (19021722)               437962.88
3709951.43       14.54366  (18021907)
        437974.00   3709987.46       15.04554  (18021907)               437985.12
3710023.49       17.62134  (18021907)
        437996.24   3710059.52       19.45040  (19012105)               438007.36
3710095.55       21.06845  (19012105)
        438018.48   3710131.58       24.72840  (19021721)               438029.60
3710167.61       31.08385  (18122505)
        438040.72   3710203.64       34.46282  (18122505)               438051.84
3710239.67       33.46849  (18012018)
        438062.96   3710275.70       34.06015  (21121420)               437934.79
3709881.51        7.87085  (20041418)
        437911.97   3709849.76        9.53160  (20041418)               438033.03
3709857.27       11.17500  (21020218)
        438044.29   3709893.75       14.32804  (18021907)               438055.55
3709930.23       20.18036  (17012020)
        438066.81   3709966.71       25.76546  (17012020)               438078.07
3710003.19       26.85428  (19012103)
        438089.33   3710039.67       26.53548  (19012103)               438100.59
3710076.15       27.22323  (21020718)
        438111.85   3710112.63       29.96090  (18022419)               438123.11
3710149.11       31.37200  (18022419)
        438134.37   3710185.59       30.84467  (18122505)               438145.63
3710222.07       30.53439  (19040519)
        438156.88   3710258.55       30.54803  (21121420)               438015.99
3709823.15        6.59418  (21020617)
        437993.17   3709791.40        7.86014  (20041418)               438114.29
3709799.09       11.02040  (21020218)
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        438125.67   3709835.94       12.96991  (18021907)               438137.04
3709872.79       15.02714  (17012020)
        438148.41   3709909.64       16.79055  (17012020)               438159.79
3709946.49       19.20740  (19012103)
        438171.16   3709983.34       21.32179  (19012103)               438182.53
3710020.19       21.18740  (19012103)
        438193.91   3710057.03       21.27255  (19051901)               438205.28
3710093.88       23.63505  (18122505)
        438216.65   3710130.73       25.78310  (18122505)               438228.02
3710167.58       26.19623  (18122505)
        438239.40   3710204.43       26.39103  (18012018)               438250.77
3710241.28       26.99182  (21121419)
        438284.89   3710351.82       27.71985  (20122117)               438097.20
3709764.79        9.76772  (21020218)
        438074.38   3709733.04        6.51306  (20041418)               438195.55
3709740.89       12.66432  (21012505)
        438207.01   3709778.04       15.92297  (17012020)               438218.48
3709815.20       18.94928  (17012020)
        438229.95   3709852.36       19.41879  (17012020)               438241.42
3709889.51       19.75822  (17012020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        438252.89   3709926.67       22.15830  (19012103)               438264.35
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3709963.82 22.73282 (19011217)
438275.82 3710000.98 23.36735 (21020718) 438287.29
3710038.13 22.63150 (20032523)
438298.76 3710075.29 24.85357 (18122505) 438310.22
3710112.44 25.63453 (18122505)
438321.69 3710149.60 24.54176 (18122505) 438333.16
3710186.76 24.47266 (18012018)
438344.63 3710223.91 25.16262 (21121419) 438390.50
3710372.53 25.84775 (18031507)
438178.40 3709706.43 9.76783 (21020218) 438155.58
3709674.68 9.18970 (21012520)
438276.65 3709682.19 14.04531 (20021022) 438287.91
3709718.67 19.99223 (18120123)
438299.17 3709755.15 21.75431 (20021021) 438310.43
3709791.63 22.42774 (21021119)
438321.68 3709828.11 23.38978 (21120119) 438332.94
3709864.59 23.94227 (21120119)
438344.20 3709901.07 22.93416 (19021619) 438355.46
3709937.55 22.69928 (19071519)
438366.72 3709974.03 22.83895 (19071519) 438377.98
3710010.51 21.91555 (21061019)
438389.24 3710046.99 22.26602 (18022419) 438400.50
3710083.47 22.88158 (17020718)
438411.76 3710119.95 23.03445 (18042222) 438423.02
3710156.43 23.71152 (19040519)
438434.28 3710192.91 24.11314 (21121419) 438445.54
3710229.39 24.14415 (19012024)
438484.94 3710357.07 23.54242 (18031507) 438259.61
3709648.07 10.19290 (21020218)
438236.79 3709616.32 10.01313 (21121817) 438357.90
3709623.97 13.45376 (20021022)
438369.24 3709660.74 12.88483 (21121617) 438380.59
3709697.50 15.29977 (17012020)
438391.94 3709734.26 18.35552 (21120217) 438403.28
3709771.03 20.24796 (21120217)
438414.63 3709807.79 22.65717 (21120119) 438425.97
3709844.55 21.72988 (21120119)
438437.32 3709881.31 20.77938 (21013018) 438448.67
3709918.08 20.29890 (19071519)
438460.01 3709954.84 19.35717 (19071519) 438471.36
3709991.60 19.32582 (21061019)
438482.71 3710028.37 19.81308 (18022419) 438494.05
3710065.13 20.11477 (17020718)
438505.40 3710101.89 19.65788 (18042222) 438516.75
3710138.65 20.20123 (18041601)
438528.09 3710175.42 21.84525 (21121420) 438539.44
3710212.18 22.55143 (19012024)
438573.48 3710322.47 21.73478 (20122117) 438584.83
3710359.23 21.64536 (18031507)
438340.81 3709589.72 13.52238 (21120417) 438317.99

3709557.96   12.63943 (21120417)
        438439.14   3709565.74   17.73320 (21120517)   438450.56
3709602.75   18.11921 (18120123)
        438461.98   3709639.76   18.23682 (19022023)   438473.41
3709676.76   17.40006 (21120217)
        438484.83   3709713.77   17.23553 (21120217)   438496.25
3709750.78   17.63872 (21120119)
        438507.67   3709787.79   18.18204 (21120119)   438519.10
3709824.80   19.08918 (19011217)
        438530.52   3709861.81   20.42030 (21020718)   438541.94
3709898.82   20.46633 (21020718)
        438553.36   3709935.83   20.31598 (18032719)   438564.79
3709972.83   21.12507 (18022419)
        438576.21   3710009.84   20.92835 (17020718)   438587.63
3710046.85   20.17156 (17020718)
        438599.05   3710083.86   18.54653 (18042222)   438610.47
3710120.87   17.88852 (18041601)
        438621.90   3710157.88   18.89378 (21072606)   438633.32
3710194.89   20.14405 (19070606)
        438679.01   3710342.92   18.37113 (18031507)   438690.43
3710379.93   17.93299 (18031507)
        438422.02   3709531.36   17.53185 (21120517)   438399.20
3709499.60   17.26623 (17011318)
        438520.38   3709507.49   17.75127 (21120818)   438531.87
3709544.71   17.77194 (19121419)
        438543.35   3709581.94   18.07080 (18120217)   438554.84
3709619.16   18.29635 (18120217)
        438566.33   3709656.39   18.39692 (17030619)   438577.82
3709693.61   19.15306 (21120119)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438589.31	3709730.83	19.97404	(21120119)	438600.80	3709768.06	19.59551	(21120119)
438612.29	3709805.28	18.71693	(21020718)	438623.78	3709842.51	17.97670	(21020718)
438635.27	3709879.73	17.99127	(20090920)	438646.76	3709916.96	18.89135	(18022419)
438658.24	3709954.18	19.89987	(18022419)	438669.73	3709991.41	19.71826	(17020718)
438681.22	3710028.63	19.00588	(17020718)	438692.71	3710065.86	18.75475	(18042222)
438704.20	3710103.08	17.86024	(21072606)	438715.69	3710140.30	17.14238	(21072606)
438727.18	3710177.53	17.08322	(19070606)	438773.13	3710326.43	17.71294	(18031507)
438784.62	3710363.65	16.79191	(18031507)	438503.22	3709473.00	17.80082	(21021218)
438480.40	3709441.24	17.70784	(17021823)	437273.32	3710263.86	101.71770	(20090918)
437239.83	3710241.54	99.31305	(20090918)	437317.80	3710233.42	71.65714	(20090918)
437284.31	3710211.10	81.36916	(20090918)	437250.82	3710188.77	70.32831	(20090918)
437358.40	3710204.24	58.70856	(19101917)	437328.79	3710180.66	63.20776	(20090918)
437295.30	3710158.33	63.47217	(20090918)	437386.13	3710162.64	48.12993	(19101917)
437356.52	3710139.05	51.90004	(20090918)	437323.03	3710116.73	52.57442	(20090918)
437413.87	3710121.04	39.88647	(19101917)	437439.60	3710145.88	43.10267	(20041418)
437384.25	3710097.45	43.47545	(20090918)	437350.76	3710075.13	44.32269	(20090918)
437441.60	3710079.43	33.34571	(19101917)	437467.34	3710104.28	35.84019	(20041418)
437411.99	3710055.85	36.95492	(20090918)	437378.50	3710033.52	37.90583	(20090918)
437469.33	3710037.83	28.42147	(19101917)	437495.07	3710062.68	30.23968	(20041418)
437520.81	3710087.53	31.64070	(20041418)	437439.72	3710014.24	31.85072	(20090918)
437406.23	3709991.92	32.81336	(20090918)	437497.07	3709996.23	24.52929	(19101917)

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        437522.81   3710021.07       25.95384  (19101917)               437548.54
3710045.92       27.61073  (20041418)
        437467.45   3709972.64       27.76189  (20090918)               437433.96
3709950.31       28.70166  (20090918)
        437526.41   3709956.18       21.50288  (19101917)               437555.36
3709984.13       22.90131  (19101917)
        437584.32   3710012.08       24.39525  (20041418)               437495.19
3709931.04       24.42286  (20090918)
        437461.70   3709908.71       25.33036  (20090918)               437553.96
3709914.40       19.02508  (20090918)
        437582.56   3709942.01       20.32531  (19101917)               437611.16
3709969.62       21.56189  (20041418)
        437639.76   3709997.23       21.37019  (20041418)               437522.92
3709889.43       21.67181  (20090918)
        437489.43   3709867.11       22.52273  (20090918)               437609.17
3709830.94       15.49113  (20090918)
        437637.25   3709858.05       16.23516  (19101917)               437665.33
3709885.16       16.95687  (20041418)
        437693.40   3709912.26       17.54557  (20041418)               437721.48
3709939.37       16.80983  (20041418)
        437578.39   3709806.23       17.43711  (20090918)               437544.90
3709783.90       18.18194  (20090918)
        437664.46   3709747.56       12.85916  (20090918)               437692.18
3709774.32       13.19108  (19101917)
        437719.89   3709801.08       13.57758  (19101917)               437747.61
3709827.84       14.39771  (20041418)
        437775.33   3709854.60       14.37214  (20041418)               437803.05
3709881.36       13.42317  (20041418)
        437633.86   3709723.02       14.34409  (20090918)               437600.37
3709700.69       14.99461  (20090918)
        437719.79   3709664.23       10.84810  (20090918)               437747.25
3709690.73       10.88595  (19101917)
        437774.70   3709717.24       11.38241  (19101917)               437802.15
3709743.74       11.82089  (20041418)
        437829.61   3709770.24       12.20712  (20041418)               437857.06
3709796.75       11.87796  (20041418)
        437884.52   3709823.25       10.91366  (20041418)               437689.32
3709639.81       12.01493  (20090918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 297
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
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                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437655.83   3709617.49       12.58263  (20090918)               437776.01
3709581.74        9.24164  (20090918)
        437804.97   3709609.70        9.17046  (19101917)               437833.92
3709637.65        9.67107  (19101917)
        437862.88   3709665.61        9.99502  (20041418)               437891.83
3709693.56       10.42367  (20041418)
        437920.79   3709721.51       10.26682  (20041418)               437949.74
3709749.47        9.66548  (20041418)
        437744.79   3709556.61       10.21385  (20090918)               437711.30
3709534.28       10.71046  (20090918)
        437831.30   3709498.36        7.99034  (20090918)               437859.90
3709525.97        7.74034  (19101917)
        437888.50   3709553.58        8.26016  (19101917)               437917.09
3709581.19        8.40687  (19101917)
        437945.69   3709608.80        8.90002  (20041418)               437974.29
3709636.41        9.07058  (20041418)
        438002.88   3709664.02        8.89903  (20041418)               438031.48
3709691.63        8.20426  (20041418)
        437800.26   3709473.40        8.78349  (20090918)               437766.77
3709451.07        9.21843  (20090918)
        437886.62   3709415.02        6.97022  (20090918)               437914.94
3709442.35        6.61117  (19101917)
        437943.25   3709469.69        7.13303  (19101917)               437971.56
3709497.02        7.34282  (19101917)
        437999.87   3709524.35        7.60763  (20041418)               438028.18
3709551.68        8.08553  (20041418)
        438056.49   3709579.02        8.03394  (20041418)               438084.80
3709606.35        7.66134  (20041418)
        438113.12   3709633.68        8.25338  (20121517)               437855.72
3709390.19        7.61851  (20090918)
        437822.23   3709367.87        7.99435  (20090918)               437941.97
3709331.70        6.15336  (20090918)
        437970.05   3709358.81        5.69811  (19101917)               437998.13
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3709385.91        6.18293  (19101917)
        438026.21   3709413.02        6.43657  (19101917)                438054.28
3709440.13        6.65049  (20041418)
        438082.36   3709467.23        7.06581  (20041418)                438110.44
3709494.34        7.15388  (20041418)
        438138.52   3709521.45        7.01978  (20041418)                438166.59
3709548.55        8.14255  (21022318)
        438194.67   3709575.66        9.09123  (20121917)                437911.19
3709306.98        6.70852  (20090918)
        437877.70   3709284.66        7.05000  (20090918)                437997.34
3709248.40        5.46042  (20090918)
        438025.23   3709275.32        4.98268  (19102017)                438053.11
3709302.24        5.39318  (19101917)
        438080.99   3709329.15        5.71722  (19101917)                438108.87
3709356.07        5.89930  (19101917)
        438136.76   3709382.99        6.14433  (20041418)                438164.64
3709409.91        6.33140  (20041418)
        438192.52   3709436.83        6.35377  (20041418)                438220.40
3709463.75        7.18197  (21022318)
        438248.29   3709490.67        8.48728  (21120418)                438276.17
3709517.58        9.34740  (21121817)
        437966.66   3709223.78        5.93455  (20090918)                437933.17
3709201.45        6.23795  (20090918)
        438053.28   3709165.65        4.86837  (20090918)                438082.11
3709193.48        4.45675  (19102017)
        438110.94   3709221.31        4.78382  (19101917)                438139.76
3709249.14        5.17341  (19101917)
        438168.59   3709276.97        5.26037  (19101917)                438197.41
3709304.80        5.37095  (20041418)
        438226.24   3709332.63        5.60838  (20041418)                438255.07
3709360.46        5.70027  (20041418)
        438283.89   3709388.28        7.29688  (21022318)                438312.72
3709416.11        8.58909  (21120418)
        438341.55   3709443.94       13.64933  (20012618)                438370.37
3709471.77       17.35016  (17011318)
        438022.13   3709140.57        5.28553  (20090918)                437988.64
3709118.25        5.55686  (20090918)
        438108.64   3709082.33        4.37336  (20090918)                438137.23
3709109.94        4.02370  (19102017)
        438165.83   3709137.55        4.26368  (19101917)                438194.43
3709165.16        4.54344  (19101917)
        438223.03   3709192.77        4.60873  (19101917)                438251.62
3709220.37        4.63992  (20041418)
        438280.22   3709247.98        4.90761  (20041418)                438308.82
3709275.59        5.08695  (20041418)
        438337.42   3709303.20        6.42267  (21022318)                438366.01
3709330.81       13.11074  (18122217)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438394.61	3709358.42	17.25454	(17020218)	438423.21	3709386.03	17.75032	(20012618)
438451.80	3709413.64	17.57428	(17011318)	438077.59	3709057.36	4.73476	(20090918)
438044.10	3709035.04	4.97970	(20090918)	437216.54	3710215.91	72.88542	(20090918)
437560.19	3710008.56	24.75434	(20041418)	437925.03	3709745.14	10.20524	(20041418)
438006.11	3709686.60	8.78279	(20041418)	437280.77	3710233.20	89.37968	(20090918)
437322.73	3710276.31	88.90016	(20041418)	437378.59	3710253.95	70.02907	(20041418)
437430.98	3710247.96	52.18818	(20041418)	437616.20	3710338.58	23.51691	(21021017)
437665.11	3710348.96	19.49101	(21021017)	437762.93	3710369.71	16.75223	(18121016)
437860.76	3710390.47	14.73353	(18121016)	437867.70	3710357.73	13.10877	(18121016)
437958.58	3710411.22	12.28679	(18121016)	437965.53	3710378.48	11.60458	(18121016)
438056.40	3710431.98	9.78964	(18121016)	437265.29	3710160.30	60.83952	(20090918)
437512.30	3710332.18	33.56438	(21021017)	437555.45	3710357.43	29.94726	(21021017)

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        437567.36   3710337.09       28.05556  (21021017)               437617.94
3710448.63       31.58234  (18121016)
        437704.25   3710499.15       28.71524  (21101617)               437716.15
3710478.80       24.99802  (21101617)
        437814.36   3710508.97       21.56318  (21101617)               437826.27
3710488.63       19.23507  (21101617)
        437888.76   3710579.83       20.22719  (21101617)               437900.67
3710559.49       19.32028  (21101617)
        437912.58   3710539.14       18.11789  (21101617)               437998.88
3710589.66       15.77950  (21101617)
        438073.28   3710660.51       12.91777  (21101617)               438085.18
3710640.17       12.99899  (21101617)
        437259.86   3710108.07       40.59603  (20090918)               437229.34
3710080.35       33.02389  (18120916)
        437209.69   3710067.85       29.35300  (17022717)               437190.05
3710055.35       32.49655  (17022717)
        437170.40   3710042.85       33.69849  (17022717)               437150.75
3710030.35       32.98719  (17022717)
        437286.71   3710065.89       35.75249  (20090918)               437308.46
3710096.32       46.98150  (20090918)
        437256.18   3710038.17       28.47691  (18120916)               437236.54
3710025.67       25.50152  (18120916)
        437216.89   3710013.17       24.16821  (17022717)               437197.24
3710000.67       26.46368  (17022717)
        437177.60   3709988.16       27.36895  (17022717)               437315.72
3710026.75       32.55692  (20090918)
        437358.13   3710166.40       53.06482  (20090918)               437283.03
3709995.99       24.54075  (18120916)
        437263.38   3709983.49       22.64156  (18120916)               437243.73
3709970.98       20.06162  (18120916)
        437224.09   3709958.48       20.21052  (17022717)               437204.44
3709945.98       21.93701  (17022717)
        437341.95   3709983.70       28.66800  (20090918)               437407.20
3710151.47       44.90210  (19101917)
        437400.97   3710193.77       54.57412  (20041418)               437309.87
3709953.81       21.18125  (18120916)
        437290.22   3709941.30       20.01162  (18120916)               437270.58
3709928.80       18.23115  (18120916)
        437250.93   3709916.30       16.04209  (18120916)               437231.29
3709903.80       17.14050  (17022717)
        437368.45   3709941.03       25.50367  (20090918)               437440.96
3710042.47       32.24670  (20090918)
        437336.71   3709911.62       18.48935  (20090918)               437317.07
3709899.12       17.66600  (18120916)
        437297.42   3709886.62       16.45947  (18120916)               437277.77
3709874.12       14.85555  (18120916)
        437258.13   3709861.61       13.36929  (17020317)               437396.26
3709900.20       23.10974  (20090918)
        437474.58   3710009.75       27.22926  (20090918)               437507.20
3710108.94       33.93205  (20041418)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437422.74   3709857.51   20.78137 (20090918)   437498.88
3709964.02   24.36554 (20090918)
        437559.16   3710074.36   28.21272 (20041418)   437533.74
3710247.07   23.18950 (19012817)
        437390.40   3709827.26   15.92768 (20090918)   437370.75
3709814.75   13.79687 (18120916)
        437351.11   3709802.25   13.30066 (18120916)   437331.46
3709789.75   12.48268 (18120916)
        437311.82   3709777.25   11.41200 (18120916)   437450.28
3709816.30   18.93958 (20090918)
        437463.67   3709835.03   20.66756 (20090918)   437530.61
3709928.66   21.17098 (20090918)
        437594.17   3710154.89   21.19173 (20041418)   437580.77
3710245.99   19.42309 (21021017)
        437436.89   3709797.58   16.93447 (20090918)   437417.24

```
3709785.07       14.79349  (20090918)
        437397.60   3709772.57       12.51530  (20090918)                437377.95
3709760.07       11.94082  (18120916)
        437358.31   3709747.57       11.37785  (18120916)                437338.66
3709735.07       10.58189  (18120916)
        437476.79   3709773.65       17.19500  (20090918)                437502.89
3709810.17       19.66555  (20090918)
        437529.00   3709846.68       20.46711  (20090918)                437555.11
3709883.20       19.22152  (20090918)
        437656.26   3710051.47       19.65375  (20041418)                437444.09
3709742.89       13.75479  (20090918)
        437424.44   3709730.39       11.80479  (20090918)                437404.80
3709717.89       10.72438  (18120916)
        437385.15   3709705.38       10.35151  (18120916)                437365.50
3709692.88        9.77005  (18120916)
        437503.38   3709731.11       15.69164  (20090918)                437528.97
3709766.91       17.73055  (20090918)
        437580.16   3709838.51       17.47029  (20090918)                437605.75
3709874.31       17.02077  (19101917)
        437631.35   3709910.11       18.19489  (20041418)                437656.94
3709945.91       19.48723  (20041418)
        437682.54   3709981.71       18.81660  (20041418)                437692.11
3710126.37       12.62794  (21020617)
        437679.29   3710213.44       14.98317  (21012518)                437470.93
3709700.71       12.80385  (20090918)
        437451.29   3709688.21       11.12822  (20090918)                437431.64
3709675.70        9.64116  (18120916)
        437411.99   3709663.20        9.41104  (18120916)                437392.35
3709650.70        9.01026  (18120916)
        437557.32   3709647.10       13.28032  (20090918)                437583.43
3709683.62       14.73406  (20090918)
        437635.64   3709756.65       14.33623  (20090918)                437661.74
3709793.17       13.75252  (19101917)
        437687.85   3709829.69       14.72197  (19101917)                437713.96
3709866.20       15.87869  (20041418)
        437740.06   3709902.72       15.91047  (20041418)                437766.17
3709939.24       14.48225  (20041418)
        437792.28   3709975.75       11.93806  (20041418)                437788.99
3710105.04       10.70570  (21012518)
        437782.45   3710149.45       11.66265  (21012518)                437775.92
3710193.86       12.31510  (21012518)
        437524.62   3709616.34       11.14821  (20090918)                437504.97
3709603.84        9.88671  (20090918)
        437485.33   3709591.34        8.56263  (20090918)                437465.68
3709578.84        7.78385  (18120916)
        437446.04   3709566.33        7.59350  (18120916)                437611.20
3709563.00       11.37647  (20090918)
        437624.44   3709581.52       11.99475  (20090918)                437637.68
3709600.05       12.43571  (20090918)
        437690.65   3709674.14       12.00267  (20090918)                437703.89
```

3709692.66   11.34033 (20090918)
        437717.13   3709711.18   11.29565 (19101917)   437730.38
3709729.71   11.89657 (19101917)
        437743.62   3709748.23   12.26536 (19101917)   437756.86
3709766.75   12.45024 (20041418)
        437770.10   3709785.28   13.03694 (20041418)   437783.35
3709803.80   13.38190 (20041418)
        437796.59   3709822.32   13.46012 (20041418)   437809.83
3709840.84   13.28267 (20041418)
        437823.07   3709859.37   12.81295 (20041418)   437836.32
3709877.89   12.08121 (20041418)
        437862.80   3709914.94   10.04986 (20041418)   437876.04
3709933.46   8.87101 (20041418)
        437889.29   3709951.98   8.12736 (21020617)   437899.21
3709993.03   12.13737 (19021722)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437882.64   3710105.67   9.66322 (21012518)   437879.32
3710128.20   9.89216 (21012518)
        437876.00   3710150.72   10.08603 (21012518)   437872.69
3710173.25   10.22223 (21012518)
        437869.37   3710195.78   10.24686 (21012518)   437856.11
3710285.89   11.04487 (21021017)

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        437852.80   3710308.41       10.87413  (21021017)               437849.48
3710330.94       11.81412  (18121016)
        437842.85   3710375.99       14.67943  (18121016)               437839.53
3710398.52       15.71285  (18121016)
        437836.22   3710421.05       16.37081  (18121016)               437832.90
3710443.58       16.58555  (18121016)
        437829.59   3710466.10       17.02133  (21101617)               437597.95
3709544.48       10.61548  (20090918)
        437578.31   3709531.97        9.77412  (20090918)               437558.66
3709519.47        8.81047  (20090918)
        437539.01   3709506.97        7.77554  (20090918)               437519.37
3709494.47        6.71915  (20090918)
        437499.72   3709481.97        6.40935  (19101817)               437665.03
3709478.84        9.84766  (20090918)
        437678.42   3709497.56       10.31330  (20090918)               437691.80
3709516.29       10.63575  (20090918)
        437745.36   3709591.20       10.21064  (20090918)               437758.74
3709609.92        9.67752  (20090918)
        437772.13   3709628.65        9.39439  (19101917)               437785.52
3709647.38        9.94609  (19101917)
        437798.91   3709666.10       10.32567  (19101917)               437812.30
3709684.83       10.50136  (19101917)
        437825.68   3709703.56       10.81047  (20041418)               437839.07
3709722.28       11.26441  (20041418)
        437852.46   3709741.01       11.49772  (20041418)               437865.85
3709759.74       11.50537  (20041418)
        437879.24   3709778.46       11.29272  (20041418)               437892.62
3709797.19       10.86946  (20041418)
        437906.01   3709815.92       10.28081  (20041418)               437959.56
3709890.82        8.38480  (19021722)
        437986.34   3709928.27       15.44615  (18021907)               437996.37
3709969.78       16.98210  (18021907)
        437979.62   3710083.65       19.44507  (19012105)               437976.26
3710106.42       20.65060  (19012105)
        437972.91   3710129.20       21.71270  (19012105)               437969.56
3710151.97       22.55821  (19021721)
        437966.21   3710174.75       23.60966  (19021721)               437962.86
3710197.52       23.81879  (19021721)
        437952.80   3710265.85       22.01573  (17012019)               437949.45
3710288.62        8.69091  (21122408)
        437946.10   3710311.40        9.32095  (18121016)               437942.74
3710334.17       10.45423  (18121016)
        437939.39   3710356.94       11.50955  (18121016)               437936.04
3710379.72       12.34899  (18121016)
        437932.69   3710402.49       12.91840  (18121016)               437929.34
3710425.27       13.16492  (18121016)
        437925.98   3710448.04       13.05919  (18121016)               437922.63
3710470.82       13.92313  (21101617)
        437919.28   3710493.59       15.52681  (21101617)               437915.93
3710516.37       16.94965  (21101617)
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        437651.64   3709460.11        9.26313  (20090918)               437631.99
3709447.61        8.62136  (20090918)
        437612.35   3709435.11        7.87377  (20090918)               437592.70
3709422.60        7.05613  (20090918)
        437573.06   3709410.10        6.20608  (20090918)               437553.41
3709397.60        5.69687  (19101817)
        437718.83   3709394.63        8.58669  (20090918)               437732.33
3709413.52        8.94414  (20090918)
        437745.84   3709432.41        9.18538  (20090918)               437799.85
3709507.96        8.79822  (20090918)
        437813.35   3709526.85        8.36375  (20090918)               437826.86
3709545.74        7.89830  (19101917)
        437840.36   3709564.62        8.39327  (19101917)               437853.86
3709583.51        8.75686  (19101917)
        437867.37   3709602.40        8.98973  (19101917)               437880.87
3709621.29        9.08947  (19101917)
        437894.37   3709640.18        9.50081  (20041418)               437907.88
3709659.06        9.80666  (20041418)
        437921.38   3709677.95        9.94781  (20041418)               437934.88
3709696.84        9.91645  (20041418)
        437948.39   3709715.73        9.76777  (20041418)               437975.40
3709753.50        8.98342  (20041418)
        438056.42   3709866.83       12.13946  (18021907)               438069.92
3709885.72       14.11639  (18021907)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 301
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179

, L0004180   , L0004181   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437998.83	3709467.36	6.96321	(19101917)	438012.13	3709485.96	7.05537	(20041418)
438025.42	3709504.56	7.44353	(20041418)	438038.72	3709523.15	7.73836	(20041418)
438052.01	3709541.75	7.87229	(20041418)	438131.78	3709653.33	8.62603	(21012520)
438238.14	3709802.10	19.91982	(21120217)	438251.44	3709820.70	21.59466	(21120217)
438264.73	3709839.29	22.23125	(21120217)	438278.03	3709857.89	22.99692	(21120119)
438287.99	3709899.10	25.35324	(21120119)	438284.66	3709921.72	25.45174	(21120119)
438281.34	3709944.34	24.79353	(19011217)	438264.69	3710057.42	21.44071	(18122505)
438261.36	3710080.04	22.80868	(18122505)	438258.04	3710102.65	24.13896	(18122505)
438254.71	3710125.27	25.24981	(18122505)	438251.38	3710147.88	25.81116	(18122505)
438234.73	3710260.97	28.29025	(21121419)	438231.41	3710283.58	29.64464	(19012024)
438228.08	3710306.20	29.56364	(18021618)	438224.75	3710328.82	28.86329	(18021618)
438221.42	3710351.43	28.17218	(20122117)	438218.09	3710374.05	27.59451	(20062006)
438201.45	3710487.13	32.04005	(18122503)	438198.12	3710509.75	32.59295	(18122503)
438194.79	3710532.37	32.03640	(18122503)	438191.46	3710554.98	31.45912	(18122507)
438188.13	3710577.60	32.22665	(18122506)	438184.80	3710600.21	32.67839	(18122506)
438181.48	3710622.83	31.97142	(21092420)	438178.15	3710645.45	32.94640	(17121917)
437812.70	3709207.01	6.43196	(20090918)	437793.06	3709194.51	6.11792	(20090918)
437773.41	3709182.01	5.73950	(20090918)	437753.77	3709169.51	5.30954	(20090918)
437734.12	3709157.00	4.84350	(20090918)	437714.47	3709144.50	4.35711	(20090918)

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        437879.78   3709141.37        5.99738  (20090918)                437893.17
3709160.10        6.16785  (20090918)
        437906.55   3709178.83        6.27574  (20090918)                437946.72
3709235.01        6.18403  (20090918)
        437960.11   3709253.73        6.01312  (20090918)                437973.49
3709272.46        5.77741  (20090918)
        437986.88   3709291.19        5.48335  (20090918)                438000.27
3709309.91        5.24456  (19102017)
        438013.66   3709328.64        5.54425  (19101917)                438027.05
3709347.36        5.80974  (19101917)
        438040.43   3709366.09        6.01056  (19101917)                438053.82
3709384.82        6.14697  (19101917)
        438067.21   3709403.54        6.30093  (19101917)                438080.60
3709422.27        6.52136  (20041418)
        438093.99   3709441.00        6.76849  (20041418)                438107.37
3709459.72        6.92050  (20041418)
        438134.15   3709497.18        6.99333  (20041418)                438214.48
3709609.54        9.99835  (21121817)
        438321.58   3709759.35       21.79923  (21021119)                438334.97
3709778.08       21.97254  (21021119)
        438348.36   3709796.80       22.19845  (17030619)                438361.74
3709815.53       22.68851  (21120119)
        438375.13   3709834.26       22.68478  (21120119)                438385.17
3709875.76       21.06881  (19021619)
        438381.82   3709898.53       20.85156  (19021619)                438378.46
3709921.31       21.00002  (19071519)
        438361.70   3710035.18       23.70532  (18022419)                438358.35
3710057.95       24.59646  (18022419)
        438355.00   3710080.73       24.91397  (17020718)                438351.65
3710103.50       25.30035  (18122505)
        438348.30   3710126.28       25.46493  (18122505)                438344.94
3710149.05       24.61229  (18012018)
        438328.18   3710262.93       25.76655  (19012024)                438324.83
3710285.70       26.06050  (19012024)
        438321.48   3710308.47       25.56709  (18021618)                438318.13
3710331.25       25.35756  (18021618)
        438314.78   3710354.02       25.64259  (20122117)                438311.43
3710376.80       26.21492  (18120117)
        438294.67   3710490.67       28.05150  (18122503)                438291.31
3710513.45       28.18821  (18122503)
        438287.96   3710536.22       27.40403  (21090924)                438284.61
3710559.00       26.66863  (17012318)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 303
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***

INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	26.18457	(19021618)	438277.91	3710604.55	25.75011	(19021618)
438274.55	3710627.32	25.46120	(21092420)	437866.39	3709122.65	5.77101	(20090918)
437846.74	3709110.14	5.52169	(20090918)	437827.10	3709097.64	5.21484	(20090918)
437807.45	3709085.14	4.86101	(20090918)	437787.81	3709072.64	4.47256	(20090918)
437768.16	3709060.14	4.06186	(20090918)	437933.55	3709057.12	5.38755	(20090918)
437947.01	3709075.96	5.52419	(20090918)	437960.48	3709094.79	5.60760	(20090918)
438000.88	3709151.31	5.51231	(20090918)	438014.35	3709170.15	5.36356	(20090918)
438027.82	3709188.98	5.16106	(20090918)	438041.29	3709207.82	4.90999	(20090918)
438054.75	3709226.66	4.70440	(19102017)	438068.22	3709245.50	4.84037	(19101917)
438081.69	3709264.34	5.08983	(19101917)	438095.16	3709283.17	5.33423	(19101917)
438108.62	3709302.01	5.55931	(19101917)	438122.09	3709320.85	5.66600	(19101917)
438135.56	3709339.69	5.67669	(19101917)	438149.03	3709358.53	5.89423	(20041418)
438162.50	3709377.36	6.07058	(20041418)	438283.70	3709546.91	10.46501	(21121817)
438310.64	3709584.58	11.90435	(20120417)	438418.38	3709735.29	16.53181	(17012020)
438431.85	3709754.12	17.71741	(21120217)	438445.32			

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3709772.96       18.97323  (21120119)
        438458.78   3709791.80       20.64569  (21120119)                438472.25
3709810.64       21.23394  (21120119)
        438482.35   3709852.39       21.71704  (19021619)                438478.97
3709875.30       21.12554  (21013018)
        438475.60   3709898.21       21.07730  (19071519)                438472.23
3709921.12       20.65965  (19071519)
        438458.74   3710012.76       19.73414  (18022419)                438455.37
3710035.67       19.93479  (18022419)
        438452.00   3710058.58       20.25637  (17020718)                438448.63
3710081.49       20.52337  (17020718)
        438445.26   3710104.40       20.82686  (21081321)                438441.88
3710127.31       22.31462  (18042222)
        438425.02   3710241.86       24.62013  (19012024)                438421.65
3710264.77       24.95555  (19012024)
        438418.28   3710287.68       25.28464  (18021618)                438414.91
3710310.59       25.40427  (20122117)
        438411.54   3710333.50       25.59759  (20122117)                438408.16
3710356.41       25.16753  (20122117)
        438387.93   3710493.87       27.40481  (18122503)                438384.56
3710516.78       27.84474  (18122503)
        438381.19   3710539.69       27.59983  (18122503)                438377.82
3710562.60       27.25667  (17021619)
        438374.45   3710585.51       27.11803  (19021618)                438371.07
3710608.42       27.13468  (19021618)
        437920.08   3709038.28        5.20269  (20090918)                437900.43
3709025.78        5.00059  (20090918)
        437880.79   3709013.28        4.74893  (20090918)                437861.14
3709000.77        4.45587  (20090918)
        437841.49   3708988.27        4.13103  (20090918)                437821.85
3708975.77        3.78428  (20090918)
        437987.30   3708972.85        4.86428  (20090918)                438000.84
3708991.78        4.97536  (20090918)
        438014.38   3709010.72        5.04067  (20090918)                438054.99
3709067.52        4.94273  (20090918)
        438068.52   3709086.46        4.81325  (20090918)                438082.06
3709105.39        4.63830  (20090918)
        438095.60   3709124.33        4.42238  (20090918)                438109.13
3709143.26        4.24202  (19102017)
        438122.67   3709162.19        4.24707  (19101917)                438136.21
3709181.13        4.47962  (19101917)
        438149.74   3709200.06        4.73551  (19101917)                438163.28
3709219.00        4.94160  (19101917)
        438176.82   3709237.93        5.05107  (19101917)                438190.35
3709256.87        5.06387  (19101917)
        438203.89   3709275.80        5.08648  (20041418)                438366.33
3709503.02       16.60780  (17011318)
        438379.87   3709521.95       16.10931  (21120517)                438393.40
3709540.89       16.91037  (21120517)
        438406.94   3709559.82       17.54895  (21120517)                438420.48
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        438501.70   3709692.36   18.24241 (21120217)   438515.23   3709711.30   18.32159 (21120217)
        438528.77   3709730.23   18.65608 (21120119)   438542.31   3709749.17   18.63565 (21120119)
        438555.84   3709768.10   18.28048 (21120119)   438569.38   3709787.04   17.83429 (19011217)
        438579.53   3709829.00   17.33650 (21020718)   438576.14   3709852.03   17.94349 (21020718)
        438572.75   3709875.06   18.78235 (21020718)   438569.36   3709898.08   19.39081 (20090920)
        438552.41   3710013.22   21.24962 (17020718)   438549.02   3710036.25   21.30270 (17020718)
        438545.64   3710059.28   20.55102 (17020718)   438542.25   3710082.30   19.57383 (18042222)
        438538.86   3710105.33   19.33793 (18042222)   438518.52   3710243.50   23.31129 (19012024)
        438515.13   3710266.53   23.43612 (18021618)   438511.74   3710289.55   23.48537 (18021618)
        438508.35   3710312.58   23.79193 (20122117)   438504.97   3710335.61   23.68525 (20122117)

```
        438498.19   3710381.66       22.78542  (18031507)               438481.24
3710496.80       21.52209  (18122503)
        438477.85   3710519.83       22.27075  (18122503)               438474.46
3710542.86       22.69888  (21090924)
        438471.07   3710565.89       23.53384  (17012318)               437973.77
3708953.91        4.71201  (20090918)
        437954.12   3708941.41        4.54669  (20090918)               437934.47
3708928.91        4.33831  (20090918)
        437914.83   3708916.41        4.09347  (20090918)               437895.18
3708903.91        3.81950  (20090918)
        437875.54   3708891.40        3.52463  (20090918)               438040.77
3708888.18        4.40921  (20090918)
        438054.09   3708906.81        4.49885  (20090918)               438067.41
3708925.44        4.55117  (20090918)
        438080.73   3708944.07        4.56416  (20090918)               438094.05
3708962.70        4.53675  (20090918)
        438107.37   3708981.33        4.46888  (20090918)               438120.69
3708999.96        4.36177  (20090918)
        438134.01   3709018.60        4.21778  (20090918)               438147.33
3709037.23        4.04011  (20090918)
        438160.65   3709055.86        3.86414  (19102017)               438173.97
3709074.49        3.80495  (19102017)
        438187.29   3709093.12        3.99123  (19101917)               438200.61
3709111.75        4.20550  (19101917)
        438213.93   3709130.38        4.36630  (19101917)               438227.25
3709149.01        4.46088  (19101917)
        438240.57   3709167.64        4.48491  (19101917)               438253.89
3709186.27        4.49194  (19101917)
        438280.53   3709223.54        4.72387  (20041418)               438400.40
3709391.22       17.72921  (20012618)
        438413.72   3709409.85       17.91163  (20012618)               438427.04
3709428.48       17.87709  (17011318)
        438440.36   3709447.11       17.82734  (17011318)               438453.68
3709465.74       17.90612  (17021823)
        438467.00   3709484.37       18.19146  (21021218)               438480.32
3709503.00       18.29747  (21021218)
        438493.64   3709521.63       18.29819  (21120818)               438506.96
3709540.26       18.39388  (21120818)
        438573.56   3709633.42       18.17036  (21021119)               438600.20
3709670.68       18.42024  (21120119)
        438613.52   3709689.31       19.08581  (21120119)               438626.84
3709707.94       19.39201  (21120119)
        438640.16   3709726.57       19.31897  (21120119)               438653.48
3709745.21       19.00133  (19021619)
        438666.80   3709763.84       18.91430  (19021619)               438676.78
3709805.13       18.82617  (21020718)
        438673.45   3709827.78       18.72165  (21020718)               438670.11
3709850.44       17.79397  (20090920)
        438666.78   3709873.10       17.80890  (20090920)               438663.44
3709895.76       18.06026  (20090920)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	20.36331	(20122117)	438590.07	3710394.25	21.10267	(18031507)
438576.73	3710484.88	19.60141	(19121517)	438573.40	3710507.54	20.03068	(18122503)
438570.06	3710530.20	20.10823	(18122503)	438566.73	3710552.85	19.98967	(17021619)
438027.45	3708869.55	4.28496	(20090918)	438007.81	3708857.05	4.14879	(20090918)
437988.16	3708844.54	3.97523	(20090918)	437968.52	3708832.04	3.76966	(20090918)
437948.87	3708819.54	3.53764	(20090918)	437929.22			

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3708807.04        3.28551  (20090918)
        437106.84   3710028.10       29.95351  (17022717)                437074.68
3710047.98       25.96046  (17021304)
        437056.82   3710062.36       27.34744  (19020216)                437038.96
3710076.75       52.74140  (18010318)
        437080.24   3709987.33       21.76011  (17021304)                437138.10
3709977.84       27.19865  (17022717)
        437043.32   3710009.03       30.28190  (18022521)                437025.46
3710023.42       50.16547  (18022519)
        437007.60   3710037.81       62.05003  (21013120)                437046.97
3709949.12       19.59238  (17120717)
        437081.27   3709935.94       18.98246  (17021304)                437133.34
3709927.41       22.55294  (17022717)
        437168.89   3709936.69       23.63506  (17022717)                437011.96
3709970.09       47.90484  (18122018)
        436994.10   3709984.48       59.58846  (21013120)                436976.23
3709998.87       68.50204  (20121819)
        437017.52   3709909.44       35.09049  (18010318)                437055.62
3709894.80       16.96612  (17021304)
        437093.73   3709880.16       16.57820  (21011424)                437132.54
3709878.00       19.09926  (17022717)
        437172.04   3709888.32       20.34969  (17022717)                436980.60
3709931.15       49.91529  (21013120)
        436962.73   3709945.54       60.50911  (20121819)                436944.87
3709959.93       64.95219  (18122019)
        436987.51   3709869.98       34.76900  (18011523)                437028.35
3709854.29       28.05158  (18010318)
        437069.18   3709838.60       15.10253  (17021304)                437131.17
3709828.45       16.34018  (17022717)
        437173.49   3709839.50       17.63476  (17022717)                437215.81
3709850.56       16.42852  (17022717)
        436949.24   3709892.21       43.53923  (19013120)                436931.37
3709906.60       53.78290  (18121620)
        436913.51   3709920.98       59.69239  (18011620)                436954.79
3709831.56       43.34633  (21013120)
        436992.90   3709816.92       47.14858  (20120618)                437031.01
3709802.28       44.10853  (20121619)
        437069.12   3709787.64       32.06612  (17021018)                437126.98
3709778.15       13.95467  (17022717)
        437166.48   3709788.47       15.34897  (17022717)                437205.97
3709798.79       14.98625  (17022717)
        437245.47   3709809.11       13.07694  (17022717)                436917.87
3709853.27       43.30847  (17011620)
        436900.01   3709867.66       46.48628  (18011620)                436882.15
3709882.04       54.26690  (18011620)
        436924.38   3709792.25       49.97792  (17020808)                436964.40
3709776.88       47.66164  (19012821)
        437004.41   3709761.51       48.63822  (17012108)                437044.42
3709746.13       47.80430  (21013119)
        437084.44   3709730.76       45.75372  (21020202)                437125.18
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3709728.49   35.79054 (17011719)
        437166.66   3709739.32   13.45212 (17022717)   437208.13
3709750.16   13.31454 (17022717)
        437249.61   3709761.00   11.69104 (17022717)   436886.51
3709814.33   49.81615 (21020205)
        436868.65   3709828.72   51.16322 (21120608)   436850.78
3709843.10   52.09060 (21120608)
        436893.80   3709753.01   46.47494 (17020808)   436935.37
3709737.04   45.15315 (17020808)
        436976.95   3709721.07   43.01526 (17012108)   437018.52
3709705.10   41.38876 (19120518)
        437060.09   3709689.12   42.54134 (17072906)   437123.21
3709678.78   41.46601 (19041820)
        437166.30   3709690.04   27.80150 (18011719)   437209.39
3709701.29   11.89251 (17022717)
        437252.48   3709712.55   10.57516 (17022717)   437295.57
3709723.81   9.06946 (17020317)
        436855.15   3709775.39   44.76963 (21120608)   436837.29
3709789.77   45.10699 (21120608)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436901.01 3709699.25 41.88311 (17020808) 436940.59
3709684.05 38.51719 (19012821)
436980.16 3709668.84 39.19806 (17012108) 437019.74
3709653.64 37.28901 (19120518)
437059.31 3709638.43 37.43621 (17072906) 437119.39
3709628.58 38.48054 (21020221)
437160.41 3709639.30 37.37395 (17011223) 437201.43
3709650.02 20.67143 (18121619)
437242.45 3709660.73 10.03362 (17022717) 437283.47
3709671.45 8.46378 (17022717)
437324.49 3709682.17 8.51332 (18120916) 436823.79
3709736.45 41.26109 (21120608)
436805.92 3709750.83 40.15039 (21120608) 436788.06
3709765.22 40.80687 (20110517)
436830.70 3709675.27 36.50988 (18010807) 436871.53
3709659.59 37.10097 (17020808)
436912.37 3709643.90 36.47931 (17020808) 436953.20
3709628.21 37.28388 (18121017)
436994.03 3709612.52 37.09986 (20122924) 437034.86
3709596.84 35.26615 (21122222)
437075.69 3709581.15 34.81122 (17072906) 437117.26
3709578.83 35.65436 (21020221)
437159.59 3709589.89 36.86683 (18120819) 437201.91
3709600.95 28.55777 (18011719)
437244.23 3709612.00 9.13141 (17022717) 437286.55
3709623.06 7.82391 (17022717)
437328.87 3709634.11 7.36059 (18120916) 436792.42
3709697.51 38.20137 (21120608)
436774.56 3709711.89 38.13556 (20110517) 436756.70
3709726.28 37.44835 (21011604)
436767.74 3709597.48 34.97102 (19122301) 436808.09
3709581.98 35.07518 (21020205)
436848.44 3709566.48 35.61920 (20121819) 436888.79
3709550.97 35.43103 (18010119)
436929.14 3709535.47 34.91916 (17101619) 436969.49
3709519.97 34.00402 (18013018)
437009.84 3709504.47 32.36274 (21013119) 437050.19
3709488.96 30.44358 (17072906)
437111.45 3709478.92 32.31754 (21020221) 437153.28
3709489.85 32.93524 (20010218)
437195.10 3709500.77 31.06406 (17020902) 437236.92
3709511.70 8.00055 (17022717)
437278.74 3709522.63 7.17243 (17022717) 437320.57
3709533.55 6.41184 (20021019)
437362.39 3709544.48 6.31428 (17123120) 437404.21
3709555.41 7.09957 (18120916)
436729.70 3709619.62 34.55977 (17122818) 436711.84
3709634.01 34.34649 (21123024)
436693.97 3709648.40 33.82276 (18011119) 436705.90
3709519.26 31.62500 (18121919)

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        436726.96   3709511.17       31.46740  (21010118)               436748.02
3709503.08       31.85503  (19122301)
        436769.08   3709494.99       32.28350  (18011620)               436790.14
3709486.90       32.23138  (21020205)
        436811.20   3709478.80       32.29681  (18122019)               436832.26
3709470.71       32.31709  (20121819)
        436853.32   3709462.62       31.95196  (20121322)               436874.38
3709454.53       31.87732  (17021420)
        436895.44   3709446.44       31.54240  (21122120)               436916.50
3709438.35       31.43317  (17101619)
        436937.56   3709430.25       31.28315  (18121017)               436958.62
3709422.16       30.56056  (18120703)
        436979.68   3709414.07       30.39153  (20122924)               437000.74
3709405.98       29.48627  (21013119)
        437021.80   3709397.89       29.05254  (21013119)               437042.86
3709389.80       27.91619  (18010218)
        437063.92   3709381.70       27.35208  (21121818)               437106.81
3709379.32       29.01667  (21020221)
        437128.64   3709385.02       29.66971  (21020221)               437150.47
3709390.72       29.92782  (20010218)
        437172.30   3709396.42       29.34575  (18120819)               437194.12
3709402.13       26.68998  (17020902)
        437237.78   3709413.53        6.86069  (17022717)               437259.61
3709419.24        6.63643  (17022717)
        437281.44   3709424.94        6.30634  (17022717)               437303.27
3709430.64        5.91852  (20021019)
        437346.92   3709442.05        5.86952  (20021019)               437368.75
3709447.75        5.79429  (18021922)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 307
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	5.78519	(17123120)	437412.41	3709459.16	5.73748	(17123120)
437434.24	3709464.86	5.88978	(18120916)	437456.07	3709470.56	6.14982	(18120916)
437477.89	3709476.26	6.31984	(18120916)	436684.84	3709527.35	31.10562	(17122818)
436666.98	3709541.74	30.81270	(21123024)	436649.11	3709556.13	30.84980	(18011119)
436631.25	3709570.51	31.28187	(21011503)	436642.90	3709441.49	28.43554	(17122818)
436684.47	3709425.51	28.56002	(18121919)	436726.05	3709409.54	28.95847	(18011620)
436767.62	3709393.57	28.72145	(21020205)	436809.19	3709377.59	28.75992	(20121819)
436850.77	3709361.62	28.31477	(18010119)	436892.34	3709345.65	28.22308	(17101619)
436933.91	3709329.67	27.75797	(19120619)	436975.49	3709313.70	26.95070	(20122924)
437017.06	3709297.73	25.35018	(21013119)	437058.63	3709281.75	24.71909	(21121818)
437100.97	3709279.40	24.18906	(19041820)	437144.06	3709290.65	25.70250	(19011101)
437187.15	3709301.91	27.12988	(18120819)	437230.24	3709313.17	17.26320	(18011719)
437273.33	3709324.43	5.69520	(17022717)	437316.42	3709335.68	5.23496	(20021019)
437359.51	3709346.94	5.21594	(20021019)	437402.60	3709358.20	5.13394	(17123120)
437445.69	3709369.46	5.08615	(17022120)	437488.78	3709380.71	5.20052	(18120916)
436604.25	3709463.86	28.33059	(18011119)	436586.39	3709478.24	28.76849	(21011503)
436568.52	3709492.63	28.74002	(18020219)	436579.97	3709363.68	25.59838	(21123024)
436621.13	3709347.87	25.71164	(17122620)	436662.28	3709332.06	25.68726	(21010118)
436703.44	3709316.24	26.16991	(18011620)	436744.60	3709300.43	25.61443	(21020205)
436785.76	3709284.62	25.75876	(20121819)	436826.91	3709268.80	25.34344	(18010119)
436868.07	3709252.99	25.04602	(17101619)	436909.23	3709237.18	24.61294	(18121017)
436950.39	3709221.36	23.30441	(17022124)	436991.54			

3709205.55   25.61736 (21122222)
        437032.70   3709189.74   25.69130 (18010218)   437095.19
3709179.50   25.30150 (18120701)
        437137.85   3709190.64   25.07339 (20122403)   437180.51
3709201.79   24.94029 (18120819)
        437223.17   3709212.93   20.20489 (17020902)   437265.83
3709224.08   5.12824 (17022717)
        437308.48   3709235.22   4.80076 (20021019)   437351.14
3709246.36   4.70065 (20021019)
        437393.80   3709257.51   4.62180 (18021922)   437436.46
3709268.65   4.58711 (17123120)
        437479.12   3709279.80   4.56145 (17022120)   437521.78
3709290.94   4.60542 (17022120)
        437564.44   3709302.09   4.78246 (19101817)   436541.53
3709385.98   25.80551 (21011503)
        436523.66   3709400.36   25.59485 (18011524)   436505.80
3709414.75   25.95476 (21011221)
        436517.84   3709285.57   23.04689 (18011119)   436539.01
3709277.44   23.18737 (21123024)
        436560.18   3709269.30   23.03816 (17122818)   436581.35
3709261.17   23.08245 (17122620)
        436602.52   3709253.03   23.10683 (18121919)   436623.70
3709244.90   22.73474 (21010118)
        436644.87   3709236.77   23.08930 (19122301)   436666.04
3709228.63   23.32567 (18011620)
        436687.21   3709220.50   23.07174 (18011620)   436708.38
3709212.36   23.20061 (21020205)
        436729.55   3709204.23   23.19410 (18122019)   436750.73
3709196.09   23.26598 (20121819)
        436771.90   3709187.96   22.90759 (20121322)   436793.07
3709179.83   22.96645 (18010119)
        436814.24   3709171.69   22.77915 (17021420)   436835.41
3709163.56   22.51899 (21122120)
        436856.58   3709155.42   22.66330 (17101619)   436877.75
3709147.29   22.79940 (18121017)
        436898.93   3709139.15   22.55979 (19120619)   436920.10
3709131.02   22.13012 (18120703)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163

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, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436941.27   3709122.88       21.75031  (20122924)               436962.44
3709114.75       21.22839  (19120518)
        436983.61   3709106.62       22.53626  (21011219)               437004.78
3709098.48       24.09098  (18010522)
        437025.96   3709090.35       23.94337  (18010522)               437047.13
3709082.21       23.69920  (21121818)
        437090.24   3709079.81       21.53863  (18120701)               437112.19
3709085.54       19.48793  (18120701)
        437134.13   3709091.28       17.31627  (17011719)               437156.07
3709097.01       15.46535  (17011719)
        437178.02   3709102.74       13.61199  (17011719)               437199.96
3709108.48       11.87543  (18020419)
        437221.91   3709114.21       10.11109  (18121619)               437243.85
3709119.94        6.88891  (17120817)
        437265.79   3709125.67        4.58092  (17022717)               437287.74
3709131.41        4.45309  (17022717)
        437309.68   3709137.14        4.34776  (20021019)               437331.63
3709142.87        4.34794  (20021019)
        437353.57   3709148.61        4.28973  (20021019)               437375.51
3709154.34        4.17223  (20021019)
        437397.46   3709160.07        4.10377  (20021019)               437419.40
3709165.81        4.09007  (18021922)
        437441.35   3709171.54        4.09961  (17123120)               437463.29
3709177.27        4.11198  (17123120)
        437485.23   3709183.00        4.09594  (17123120)               437507.18
3709188.74        4.10509  (17022120)
        437529.12   3709194.47        4.13590  (17022120)               437551.07
3709200.20        4.14760  (17022120)
        437573.01   3709205.94        4.14633  (17021020)               437594.95
3709211.67        4.17301  (17021020)
        437616.90   3709217.40        4.33685  (19101817)               437638.84
3709223.14        4.43001  (19101817)
        436496.67   3709293.71       23.30645  (21011503)               436478.80
3709308.09       23.13316  (18011524)
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        436460.94   3709322.48       23.40901  (21011221)                436443.08
3709336.87       23.74124  (20012122)
        436454.90   3709207.77       21.18996  (21011503)                436496.82
3709191.67       20.87511  (21123024)
        436517.78   3709183.61       20.66056  (21011604)                436559.70
3709167.51       20.88436  (18121919)
        436601.62   3709151.40       20.89834  (19122301)                436622.58
3709143.35       20.86169  (18011620)
        436664.50   3709127.24       21.01453  (21020205)                436706.42
3709111.13       21.01674  (18122019)
        436727.38   3709103.08       20.98387  (20121819)                436769.30
3709086.98       20.55862  (18010119)
        436811.22   3709070.87       20.23949  (17021420)                436853.14
3709054.76       20.21860  (18121017)
        436895.06   3709038.66       19.96162  (17012108)                436916.02
3709030.60       19.59425  (17022124)
        436957.94   3709014.50       19.83465  (19120518)                436999.86
3708998.39       19.48367  (18010522)
        437020.82   3708990.34       19.49545  (17072906)                437084.46
3708979.91       20.12548  (21020221)
        437127.91   3708991.26       21.59795  (21020221)                437171.36
3709002.61       17.80638  (19122017)
        437214.81   3709013.96        7.85331  (18121317)                437258.26
3709025.31        4.10891  (17022717)
        437301.71   3709036.66        3.94136  (17022717)                437345.16
3709048.02        3.95490  (20021019)
        437388.61   3709059.37        3.91101  (20021019)                437432.05
3709070.72        3.79076  (18021922)
        437475.50   3709082.07        3.66595  (17123120)                437518.95
3709093.42        3.58033  (17123120)
        437562.40   3709104.77        3.64232  (17022120)                437605.85
3709116.12        3.68712  (17021020)
        437649.30   3709127.48        3.82385  (19101817)                436416.08
3709230.21       21.14350  (21011221)
        436398.22   3709244.60       21.22212  (21011221)                436380.35
3709258.98       22.36674  (20012122)
        436392.00   3709129.96       18.78422  (21021723)                436433.58
3709113.98       18.87896  (18011119)
        436475.15   3709098.01       18.89896  (21011604)                436516.72
3709082.04       18.96989  (18121919)
        436558.30   3709066.06       18.98487  (21010118)                436599.87
3709050.09       19.21744  (18011620)
        436641.44   3709034.12       19.02318  (21020205)                436683.02
3709018.14       19.05264  (18122019)
        436724.59   3709002.17       18.86102  (20121322)                436766.16
3708986.20       18.77056  (17021420)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	18.58832	(21122120)	436849.31	3708954.25	18.67925	(18121017)
436890.88	3708938.28	18.32142	(18013018)	436932.46	3708922.31	18.32882	(20122924)
436974.03	3708906.33	18.39405	(21013119)	437015.60	3708890.36	18.04634	(18010218)
437078.72	3708880.02	18.64729	(21020221)	437121.81	3708891.27	20.35686	(21020221)
437164.90	3708902.53	17.95509	(21122606)	437207.99	3708913.79	11.13532	(18011719)
437251.08	3708925.05	3.68900	(17022717)	437294.17	3708936.30	3.61838	(17022717)
437337.26	3708947.56	3.59969	(20021019)	437380.35	3708958.82	3.59362	(20021019)
437423.44	3708970.08	3.50021	(20021019)	437466.53	3708981.33	3.40985	(18021922)
437509.62	3708992.59	3.37946	(17123120)	437552.71	3709003.85	3.31408	(17022120)
437595.80	3709015.11	3.34294	(17022120)	437638.89	3709026.36	3.41562	(17021020)
437681.98	3709037.62	3.45974	(17021020)	437725.07	3709048.88	3.54476	(19101817)
436353.35	3709152.33	19.03237	(21011221)	436335.49	3709166.72	20.06138	(20012122)
436317.63	3709181.10	20.74992	(20012122)	436329.73			

3709051.90 17.54912 (18020219)
436350.96 3709043.74 17.32285 (21021723) 436372.19
3709035.59 17.38334 (18011119)
436393.42 3709027.43 17.43109 (18011119) 436414.65
3709019.27 17.57924 (20090520)
436435.89 3709011.11 17.50141 (21011604) 436457.12
3709002.96 17.50866 (17122818)
436478.35 3708994.80 17.46414 (20110517) 436499.58
3708986.64 17.52172 (18121919)
436520.81 3708978.48 17.52623 (21120608) 436542.05
3708970.33 17.69062 (21120608)
436563.28 3708962.17 17.57079 (18011620) 436584.51
3708954.01 17.70914 (18011620)
436605.74 3708945.85 17.53845 (21020205) 436626.97
3708937.70 17.51169 (21020205)
436648.21 3708929.54 17.63321 (18122019) 436669.44
3708921.38 17.59334 (20121819)
436690.67 3708913.22 17.52855 (17020808) 436711.90
3708905.06 17.64881 (17020808)
436733.13 3708896.91 17.35932 (18010119) 436754.37
3708888.75 17.39044 (17021420)
436775.60 3708880.59 17.13673 (21122120) 436796.83
3708872.43 17.19051 (21122120)
436818.06 3708864.28 17.17666 (18121017) 436839.29
3708856.12 17.34030 (18121017)
436860.53 3708847.96 17.19595 (19120619) 436881.76
3708839.80 17.00084 (18120703)
436902.99 3708831.65 17.13028 (20122924) 436924.22
3708823.49 17.06409 (20122924)
436945.45 3708815.33 17.02298 (21013119) 436966.69
3708807.17 17.26239 (21013119)
436987.92 3708799.01 16.82983 (21013119) 437009.15
3708790.86 16.69135 (18010218)
437030.38 3708782.70 16.33262 (21121818) 437073.62
3708780.29 17.50630 (21020221)
437095.63 3708786.04 18.78149 (21020221) 437117.64
3708791.79 19.14419 (21020221)
437139.64 3708797.54 18.67594 (20122403) 437161.65
3708803.29 17.43303 (20122403)
437183.66 3708809.04 15.30944 (19122017) 437205.66
3708814.79 11.60975 (18011719)
437227.67 3708820.54 7.20207 (20021903) 437249.68
3708826.29 3.41633 (21011424)
437271.68 3708832.04 3.32123 (17022717) 437293.69
3708837.78 3.29699 (17022717)
437315.70 3708843.53 3.27481 (19123021) 437337.70
3708849.28 3.29750 (20021019)
437359.71 3708855.03 3.30746 (20021019) 437381.72
3708860.78 3.30467 (20021019)
437403.72 3708866.53 3.28508 (20021019) 437425.73

3708872.28   3.23534 (20021019)
        437447.74   3708878.03   3.17742 (20021019)   437469.74
3708883.78   3.12976 (18021922)
        437491.75   3708889.53   3.10518 (18021922)   437513.75
3708895.28   3.09288 (17123120)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437535.76   3708901.03   3.07833 (17123120)   437557.77
3708906.78   3.05636 (17123120)
        437579.77   3708912.53   3.03365 (17022120)   437601.78
3708918.28   3.05624 (17022120)
        437623.79   3708924.03   3.06391 (17022120)   437645.79
3708929.78   3.08605 (17022120)
        437667.80   3708935.52   3.12539 (17022120)   437689.81
3708941.27   3.16961 (17021020)
        437711.81   3708947.02   3.18556 (17021020)   437733.82
3708952.77   3.18738 (17021020)
        437755.83   3708958.52   3.18473 (19101817)   437777.83
3708964.27   3.19623 (19101817)
        437799.84   3708970.02   3.46572 (20090918)   436308.49
3709060.06   17.45112 (21011221)
        436290.63   3709074.45   18.20398 (20012122)   436272.77
3709088.83   19.00169 (20012122)

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        436254.90   3709103.22       19.16790  (20012122)                436266.83
3708974.09       16.25960  (18020219)
        436287.89   3708965.99       16.38325  (18020219)                436308.95
3708957.90       16.09304  (21021723)
        436330.01   3708949.81       16.21667  (18011119)                436351.07
3708941.72       16.26480  (18011119)
        436372.13   3708933.63       16.43509  (20090520)                436393.19
3708925.54       16.34285  (21011604)
        436414.25   3708917.44       16.34189  (17122818)                436435.31
3708909.35       16.50738  (20110517)
        436456.37   3708901.26       16.33865  (17122319)                436477.43
3708893.17       16.37713  (21120608)
        436498.49   3708885.08       16.75288  (21120608)                436519.55
3708876.99       16.66742  (21120608)
        436540.61   3708868.90       16.35887  (18010807)                436561.67
3708860.80       16.28225  (18011620)
        436582.73   3708852.71       16.28220  (21020205)                436603.79
3708844.62       16.16592  (21020205)
        436624.85   3708836.53       16.42234  (18122019)                436645.91
3708828.44       16.38615  (20121819)
        436666.97   3708820.35       16.41883  (17020808)                436688.03
3708812.25       16.50007  (17020808)
        436709.09   3708804.16       16.18509  (18010119)                436730.15
3708796.07       16.22330  (17021420)
        436751.21   3708787.98       15.98099  (17021420)                436772.27
3708779.89       16.07478  (21122120)
        436793.33   3708771.80       16.03918  (17101619)                436814.39
3708763.70       16.19691  (18121017)
        436835.45   3708755.61       16.06789  (18121017)                436856.51
3708747.52       15.96713  (18013018)
        436877.57   3708739.43       15.90288  (18120703)                436898.63
3708731.34       16.05060  (20122924)
        436919.69   3708723.25       15.89848  (20121619)                436940.75
3708715.15       16.02181  (21013119)
        436961.81   3708707.06       16.00410  (21013119)                436982.87
3708698.97       15.43610  (21013119)
        437003.93   3708690.88       15.32924  (18010218)                437024.99
3708682.79       15.59704  (17072906)
        437067.88   3708680.40       16.53230  (21020221)                437089.71
3708686.10       17.67818  (21020221)
        437111.54   3708691.80       18.05147  (21020221)                437133.37
3708697.51       17.57335  (20122403)
        437155.20   3708703.21       16.58575  (20122403)                437177.02
3708708.91       14.67780  (19122017)
        437220.68   3708720.32        8.64867  (18020419)                437242.51
3708726.02        5.18552  (17120817)
        437264.34   3708731.72        3.10728  (21011424)                437286.17
3708737.43        3.01836  (17022717)
        437308.00   3708743.13        3.02522  (19123021)                437351.65
3708754.54        3.04541  (20021019)
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3708982.18       16.65100  (20012122)
        436227.91   3708996.56       17.51698  (20012122)                436210.04
3709010.95       17.86249  (20012122)
        436192.18   3709025.34       17.65726  (20012122)                436203.96
3708896.26       15.43619  (20012122)
        436245.78   3708880.19       15.46814  (18020219)                436287.61
3708864.12       15.38117  (19012719)
        436329.44   3708848.05       15.58090  (20090520)                436371.26
3708831.98       15.63202  (20110517)
        436413.09   3708815.91       15.54172  (20110517)                436454.92
3708799.84       15.69199  (21120608)
        436496.75   3708783.77       15.54523  (21120608)                436538.57
3708767.70       15.27177  (21013020)
        436580.40   3708751.63       15.18361  (18122019)                436622.23
3708735.56       15.35588  (20121819)
        436664.05   3708719.49       15.42107  (17020808)                436705.88
3708703.41       15.19341  (17021420)
        436747.71   3708687.34       15.09231  (21122120)                436789.53
3708671.27       15.14761  (18121017)
        436831.36   3708655.20       15.08520  (19120619)                436873.19
3708639.13       14.96746  (20122924)
        436915.01   3708623.06       14.78731  (20121619)                436956.84
3708606.99       14.94983  (21013119)
        436998.67   3708590.92       14.43258  (18010218)                437062.17
3708580.51       15.10068  (17122318)
        437105.52   3708591.84       16.60052  (21020221)                437148.87
3708603.17       16.56160  (20122403)
        437192.23   3708614.49       14.10003  (19122017)                437235.58
3708625.82        8.31686  (18020419)
        437278.93   3708637.15        2.83917  (21011424)                437322.29
3708648.47        2.80482  (19123021)
        437365.64   3708659.80        2.80384  (20021019)                437408.99
3708671.12        2.78720  (20021019)
        437452.34   3708682.45        2.75144  (20021019)                437495.70
3708693.78        2.67317  (20021019)
        437539.05   3708705.10        2.63153  (18021922)                437582.40
3708716.43        2.62803  (17123120)
        437625.75   3708727.75        2.62549  (17123120)                437669.11
3708739.08        2.68300  (17022120)
        437712.46   3708750.41        2.69856  (17022120)                437755.81
3708761.73        2.71522  (17021020)
        437799.17   3708773.06        2.73115  (17021020)                437842.52
3708784.39        2.70949  (17021020)
        437885.87   3708795.71        2.81523  (20090918)                436165.18
3708918.68       16.74528  (20012122)
        436147.32   3708933.07       16.72850  (20012122)                436129.45
3708947.46       16.22475  (20012122)
        437017.12   3710105.60       71.75999  (21122019)                436994.30
3710140.34       92.35830  (18121620)
        436986.74   3710060.78       74.17359  (20121819)                436963.92
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3710095.51   85.89715 (18011620)
        436955.38   3710021.84   72.39957 (18122019)   436933.55
3710050.69   75.27433 (21120608)
        436910.73   3710085.43   73.47263 (17070206)   436917.07
3709990.56   65.38961 (21120608)
        436891.76   3710023.24   63.47763 (20110517)   436868.94
3710057.97   68.52879 (20012122)
        436874.41   3709964.06   58.01397 (20110517)   436849.97
3709995.78   58.24274 (19012719)
        436827.15   3710030.52   69.21435 (20012122)   436832.10
3709937.18   52.32995 (17070206)
        436857.13   3709909.61   55.80287 (20110517)   436808.18
3709968.33   58.07339 (20012122)
        436785.36   3710003.06   62.04631 (20012122)   436789.97
3709910.11   48.78231 (20012122)
        436814.29   3709883.30   50.14458 (17070206)   436766.39
3709940.87   56.30061 (20012122)
        436743.57   3709975.61   55.16119 (21112723)   436749.92
3709880.74   49.69760 (20012122)
        436777.72   3709850.11   44.21682 (19012719)   436724.61
3709913.42   50.20083 (20012122)
        436701.79   3709948.15   53.04339 (21112723)   436707.63
3709853.83   47.38012 (20012122)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

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        436218.45   3709437.36       22.48017  (20121403)                436245.43
3709407.63       24.08170  (20121403)
        436272.41   3709377.90       23.13495  (18101406)                436299.40
3709348.17       22.30512  (18101406)
        436326.38   3709318.44       21.80821  (21121703)                436353.37
3709288.71       22.59688  (20012122)
        436139.58   3709529.05       23.13332  (21122223)                436116.76
3709563.78       21.58470  (20020202)
        436081.31   3709441.46       21.39718  (21122223)                436109.11
3709410.83       20.21254  (19111203)
        436136.92   3709380.20       21.02519  (19111203)                436164.72
3709349.57       21.39226  (20121403)
        436192.52   3709318.94       21.92234  (20121403)                436220.32
3709288.31       21.29204  (18101406)
        436248.12   3709257.68       19.84406  (18101406)                436275.92
3709227.05       20.11422  (21121703)
        436056.00   3709474.14       20.11207  (21122223)                436033.18
3709508.87       19.41439  (18011805)
        435997.39   3709386.93       19.52349  (21122223)                436024.49
3709357.07       19.49416  (21122223)
        436051.60   3709327.20       19.20120  (19111203)                436078.71
3709297.34       19.20649  (19111203)
        436105.82   3709267.47       19.91643  (20121403)                436132.92
3709237.61       20.13281  (20121403)
        436160.03   3709207.75       19.60506  (18101406)                436187.14
3709177.88       18.45280  (18101406)
        436214.24   3709148.02       18.23605  (21121703)                435972.42
3709419.23       17.97204  (20122108)
        435949.60   3709453.96       17.92894  (18020101)                435914.16
3709331.64       17.26751  (21122223)
        435941.96   3709301.01       18.48094  (21122223)                435969.76
3709270.38       17.17911  (21122223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 313
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435997.57	3709239.75	18.04706	(19111203)	436025.37	3709209.12	17.22297	(20121403)
436053.17	3709178.49	18.76141	(20121403)	436080.97	3709147.86	18.18130	(20121403)
436108.77	3709117.23	17.86594	(18101406)	436136.57	3709086.60	16.36641	(21011601)
436164.38	3709055.97	16.69677	(21121703)	435888.85	3709364.32	16.53874	(20122108)
435866.03	3709399.05	16.83181	(21021004)	435830.28	3709277.06	15.55815	(17121921)
435857.48	3709247.10	16.95423	(21122223)	435884.68	3709217.13	17.04988	(21122223)
435911.87	3709187.17	16.17823	(19111203)	435939.07	3709157.20	16.76916	(19111203)
435966.27	3709127.24	16.29915	(20121403)	435993.47	3709097.28	17.45307	(20121403)
436020.66	3709067.31	16.87984	(20121403)	436047.86	3709037.35	16.71012	(18101406)
436075.06	3709007.38	15.52219	(18101406)	436102.26	3708977.42	15.69746	(21121703)
435805.27	3709309.41	15.45358	(20122106)	435782.45	3709344.14	15.86463	(21021004)
436986.12	3710169.40	103.43174	(18011620)	436986.86	3710192.47	108.71591	(18011621)
436987.61	3710215.54	116.06831	(17122620)	436941.60	3710151.64	90.37104	(20090520)
436936.89	3710194.09	106.86333	(20012122)	436937.63	3710217.16	116.15963	(20012122)
436892.31	3710150.83	91.30597	(20012122)	436898.45	3710129.03	84.57882	(20012122)
436904.59	3710107.23	74.46012	(19012719)	436886.17	3710172.63	90.85426	(20012122)
436886.91	3710195.70	95.24596	(21112723)	436887.66	3710218.77	103.51254	(20121403)
436841.65	3710154.87	88.04285	(20121403)	436852.57	3710116.11	79.73285	(20012122)
436836.94	3710197.32	87.78459	(20121403)	436837.68	3710220.39	88.04490	(21011603)
436792.07	3710155.10	75.31104	(19111203)	436803.76			

3710113.57   79.06806 (20121403)
        436815.46   3710072.04   68.28606 (21112723)   436786.97
3710198.93   80.19769 (20122108)
        436787.71   3710222.00   82.01636 (18020421)   436742.39
3710155.67   70.56813 (20122108)
        436748.53   3710133.87   68.07995 (21011603)   436754.66
3710112.07   67.83333 (19111203)
        436760.80   3710090.27   70.41067 (20121403)   436766.94
3710068.47   70.71900 (20121403)
        436773.08   3710046.66   66.28723 (21112723)   436779.22
3710024.86   61.84679 (21112723)
        436736.25   3710177.47   71.66283 (18020421)   436736.99
3710200.54   72.94290 (18011208)
        436737.74   3710223.61   76.46035 (21011402)   436692.00
3710158.74   64.96667 (20100124)
        436703.46   3710118.04   64.14000 (20122108)   436714.92
3710077.35   61.37198 (21011719)
        436726.38   3710036.65   64.31133 (20121403)   436687.02
3710202.16   71.72361 (19120805)
        436687.76   3710225.23   76.69629 (19120805)   436642.25
3710159.56   60.75224 (21011406)
        436654.16   3710117.28   58.70238 (18020421)   436666.07
3710075.00   57.79798 (20122108)
        436677.97   3710032.71   55.78928 (21011719)   436689.88
3709990.43   58.02356 (20121403)
        436637.04   3710203.77   67.96910 (19120805)   436637.79
3710226.84   70.85979 (21090405)
        436592.46   3710160.51   61.70968 (19120805)   436598.60
3710138.71   58.14406 (19120805)
        436604.74   3710116.91   55.60250 (21011402)   436610.88
3710095.11   54.12305 (20022102)
        436617.02   3710073.31   53.93400 (18020421)   436623.16
3710051.51   52.75180 (20122108)
        436629.30   3710029.70   52.05830 (18020221)   436635.44
3710007.90   51.38267 (21122223)
        436641.58   3709986.10   51.37222 (19111203)   436647.72
3709964.30   50.91062 (20121403)
        436653.86   3709942.50   52.91842 (20121403)   436586.32
3710182.31   59.58915 (19120805)
        436587.07   3710205.38   66.72004 (21090405)   436587.81
3710228.45   72.40585 (21090405)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436542.20   3710163.16   54.43996 (21090405)   436553.89
3710121.64   55.83015 (19120805)
        436565.59   3710080.11   50.86702 (20022804)   436577.28
3710038.58   49.54553 (18020421)
        436588.98   3709997.06   47.83464 (18020221)   436600.67
3709955.53   46.45865 (20120903)
        436537.10   3710207.00   66.14467 (21090405)   436537.84
3710230.07   63.99658 (21090405)
        436442.54   3710165.35   56.03228 (21090405)   436448.68
3710143.55   55.18078 (21090405)
        436454.82   3710121.75   49.52109 (21090405)   436460.96
3710099.95   46.77451 (19120805)
        436467.10   3710078.15   48.21670 (19120805)   436473.24
3710056.35   46.19251 (19120805)
        436479.38   3710034.55   43.86231 (21040903)   436485.52
3710012.74   43.03779 (20022804)
        436491.66   3709990.94   42.29315 (20022806)   436497.80
3709969.14   41.91961 (18020421)
        436503.94   3709947.34   41.05080 (20122106)   436510.08
3709925.54   40.35125 (17121921)
        436516.22   3709903.74   41.81520 (21122223)   436522.36
3709881.93   40.63868 (21122223)
        436528.50   3709860.13   40.48890 (19111203)   436436.40
3710187.16   51.77883 (21090405)
        436437.15   3710210.23   55.46666 (18121805)   436437.89
3710233.30   56.81519 (18121805)
        436342.49   3710168.96   47.82272 (18121805)   436354.55
3710126.13   48.39137 (21090405)
        436366.61   3710083.29   45.72607 (21090405)   436378.68
3710040.45   40.79455 (19120805)

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        436390.74   3709997.61       39.65646  (19120805)                436402.80
3709954.77       37.17611  (20022804)
        436414.87   3709911.94       36.71086  (21021004)                436426.93
3709869.10       35.20150  (20020202)
        436439.00   3709826.26       36.57721  (21122223)                436337.20
3710213.45       50.09833  (20101104)
        436337.94   3710236.52       48.61213  (20101104)                436242.74
3710171.46       44.03797  (20101104)
        436248.98   3710149.32       42.80444  (19062806)                436255.22
3710127.17       41.63303  (18121805)
        436261.45   3710105.02       38.61213  (21090405)                436267.69
3710082.87       42.44746  (21090405)
        436273.93   3710060.73       43.20146  (21090405)                436280.17
3710038.58       40.75464  (21090405)
        436286.40   3710016.43       35.67413  (21090405)                436292.64
3709994.28       34.87654  (19120805)
        436298.88   3709972.14       36.32999  (19120805)                436305.11
3709949.99       35.66481  (19120805)
        436311.35   3709927.84       34.66362  (21040903)                436317.59
3709905.69       33.06440  (21040903)
        436323.82   3709883.54       32.43549  (18011405)                436330.06
3709861.40       31.91807  (20022102)
        436336.30   3709839.25       32.54295  (21021004)                436342.54
3709817.10       31.23155  (21021004)
        436348.77   3709794.95       30.51075  (20020202)                436355.01
3709772.81       30.48730  (21122223)
        436361.25   3709750.66       31.71869  (21122223)                436236.51
3710193.61       43.14950  (20101104)
        436237.25   3710216.68       39.50288  (20101104)                436238.00
3710239.75       43.68707  (20102504)
        436142.70   3710175.04       36.45191  (20101104)                436148.84
3710153.24       39.19676  (20101104)
        436154.98   3710131.43       39.09074  (20101104)                436161.12
3710109.63       38.42870  (19062806)
        436167.26   3710087.83       37.18843  (19062806)                436173.40
3710066.03       33.52020  (18121805)
        436179.54   3710044.23       36.99706  (21090405)                436185.68
3710022.43       38.41983  (21090405)
        436191.81   3710000.62       37.35438  (21090405)                436197.95
3709978.82       34.02577  (21090405)
        436204.09   3709957.02       30.02783  (17013024)                436210.23
3709935.22       31.24278  (19120805)
        436216.37   3709913.42       32.16188  (19120805)                436222.51
3709891.62       31.47032  (19120805)
        436228.65   3709869.82       30.86281  (21040903)                436234.79
3709848.01       29.74304  (21040903)
        436240.93   3709826.21       28.80126  (18011405)                436247.07
3709804.41       28.38671  (20022102)
        436253.21   3709782.61       28.95911  (21021004)                436259.35
3709760.81       28.82924  (21021004)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	27.54328	(18020101)	436271.63	3709717.20	27.17739	(20020202)
436277.77	3709695.40	27.19164	(21122223)	436136.56	3710196.84	36.76680	(20102504)
436137.30	3710219.91	39.78896	(20102504)	436138.05	3710242.98	40.28297	(21110223)
436042.67	3710178.53	34.42205	(20102504)	436054.80	3710135.47	33.75519	(20101104)
436066.93	3710092.40	34.78903	(20101104)	436072.99	3710070.87	34.50866	(19062806)
436085.12	3710027.81	30.39941	(19062806)	436097.25	3709984.74	34.33744	(21122423)
436109.38	3709941.68	32.12165	(21090405)	436121.50	3709898.61	26.85762	(20020207)
436133.63	3709855.55	28.70244	(19120805)	436145.76	3709812.48	27.55058	(21040903)
436157.89	3709769.42	25.68227	(18012921)	436170.01	3709726.35	25.42859	(21021004)
436182.14	3709683.29	25.22969	(21021004)	436037.36	3710223.14	35.94415	(21110223)
436038.10	3710246.21	35.03885	(21110223)	435942.87			

3710181.24 32.38266 (20102504)
435949.08 3710159.19 31.84157 (20102504) 435955.29
3710137.14 29.37763 (20102504)
435961.50 3710115.09 29.64129 (21070705) 435967.71
3710093.03 31.39269 (20101104)
435973.92 3710070.98 32.06446 (20101104) 435980.13
3710048.93 30.76893 (20101104)
435986.34 3710026.88 31.07066 (19062806) 435992.55
3710004.82 29.62440 (19062806)
435998.76 3709982.77 26.59803 (19062806) 436004.97
3709960.72 29.48076 (21122423)
436011.18 3709938.67 31.36231 (21122423) 436017.39
3709916.62 31.21787 (21122423)
436023.60 3709894.56 29.09569 (21122423) 436029.81
3709872.51 25.94892 (21090405)
436036.02 3709850.46 24.30433 (20020207) 436042.23
3709828.41 25.00525 (19120805)
436048.44 3709806.36 25.84617 (19120805) 436054.66
3709784.30 25.62158 (19120805)
436060.87 3709762.25 24.94567 (21040903) 436067.08
3709740.20 24.76584 (21040903)
436073.29 3709718.15 23.43291 (21040903) 436079.50
3709696.10 22.89392 (18011405)
436085.71 3709674.04 22.48321 (20022102) 436091.92
3709651.99 22.92125 (21021004)
436098.13 3709629.94 23.18642 (21021004) 436104.34
3709607.89 22.53183 (21021004)
436110.55 3709585.83 21.78764 (18011805) 435936.66
3710203.29 32.17908 (21110223)
435937.41 3710226.36 30.92482 (21110223) 435938.15
3710249.43 29.36248 (20040703)
435842.85 3710184.72 29.11696 (21110223) 435848.99
3710162.92 29.28805 (21110223)
435855.13 3710141.12 29.45736 (20102504) 435861.27
3710119.32 27.99564 (20102504)
435867.41 3710097.51 26.92841 (21070705) 435873.55
3710075.71 27.17068 (20101104)
435879.69 3710053.91 28.92684 (20101104) 435885.83
3710032.11 29.11196 (20101104)
435891.97 3710010.31 28.06146 (19062806) 435898.11
3709988.51 28.28782 (19062806)
435904.25 3709966.70 27.01387 (19062806) 435910.39
3709944.90 24.46340 (19062806)
435916.53 3709923.10 26.08796 (21090405) 435922.67
3709901.30 28.28483 (21122423)
435928.81 3709879.50 28.84427 (21122423) 435934.95
3709857.70 27.70355 (21122423)
435941.09 3709835.90 25.18067 (21090405) 435947.23
3709814.09 22.10814 (21090405)
435953.37 3709792.29 22.24031 (20020207) 435959.51

3709770.49   22.89015 (19120805)
        435965.65   3709748.69   23.50751 (19120805)   435971.78
3709726.89   23.25662 (19120805)
        435977.92   3709705.09   22.51738 (21040903)   435984.06
3709683.28   22.27971 (21040903)
        435990.20   3709661.48   21.27147 (21040903)   435996.34
3709639.68   20.57373 (20022804)
        436002.48   3709617.88   20.31157 (18011405)   436008.62
3709596.08   20.12093 (20022102)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436014.76   3709574.28   20.63554 (21021004)   436020.90
3709552.48   20.51869 (21021004)
        436027.04   3709530.67   19.72949 (21021004)   435836.72
3710206.52   27.37365 (21110223)
        435837.46   3710229.59   26.96446 (20040703)   435838.21
3710252.66   26.98315 (20040703)
        435742.85   3710188.16   24.66208 (21110223)   435748.93
3710166.56   26.46748 (21110223)
        435761.09   3710123.37   27.15098 (20102504)   435773.25
3710080.19   24.43687 (20102504)
        435779.33   3710058.59   24.92819 (21070705)   435791.50
3710015.40   26.62429 (20101104)

```
        435797.58   3709993.81       26.54560  (20101104)               435809.74
3709950.62       25.93228  (19062806)
        435821.90   3709907.43       22.67810  (19062806)               435827.98
3709885.84       23.19434  (21090405)
        435840.15   3709842.65       26.40581  (21122423)               435846.23
3709821.06       26.02586  (21122423)
        435858.39   3709777.87       21.84537  (21090405)               435870.55
3709734.68       19.91072  (20020207)
        435876.63   3709713.09       21.00562  (19120805)               435888.79
3709669.90       21.25867  (19120805)
        435894.87   3709648.31       20.37969  (19120805)               435907.04
3709605.12       19.53044  (21040903)
        435919.20   3709561.93       18.68725  (20022804)               435925.28
3709540.34       18.45350  (20022102)
        435937.44   3709497.15       18.88217  (21021004)               435737.51
3710232.82       24.79499  (20040703)
        435738.26   3710255.89       25.28973  (21110503)               435643.01
3710190.98       23.14384  (20040703)
        435649.21   3710168.98       22.32553  (21110223)               435655.40
3710146.98       24.12845  (21110223)
        435661.60   3710124.98       24.86859  (21110223)               435667.79
3710102.99       24.93717  (20102504)
        435673.99   3710080.99       24.59685  (20102504)               435680.18
3710058.99       23.12586  (20102504)
        435686.38   3710036.99       22.66662  (21070705)               435692.57
3710015.00       22.87690  (21070705)
        435698.77   3709993.00       24.04163  (20101104)               435704.96
3709971.00       24.57640  (20101104)
        435711.16   3709949.00       23.97352  (20101104)               435717.35
3709927.00       23.83462  (19062806)
        435723.55   3709905.01       23.58199  (19062806)               435729.74
3709883.01       22.26652  (19062806)
        435735.94   3709861.01       20.34110  (18121805)               435742.13
3709839.01       21.67506  (21090405)
        435748.33   3709817.01       23.37818  (21122423)               435754.52
3709795.02       24.22341  (21122423)
        435760.72   3709773.02       23.82824  (21122423)               435766.91
3709751.02       22.25461  (21122423)
        435773.11   3709729.02       20.05602  (21090405)               435779.30
3709707.02       18.14975  (17013024)
        435785.50   3709685.03       18.15140  (20020207)               435791.69
3709663.03       19.28492  (19120805)
        435797.89   3709641.03       19.85174  (19120805)               435804.08
3709619.03       19.81769  (19120805)
        435810.28   3709597.03       19.22066  (19120805)               435816.47
3709575.04       18.49558  (21040903)
        435822.66   3709553.04       18.16267  (21040903)               435828.86
3709531.04       17.50683  (19121508)
        435835.05   3709509.04       17.29413  (20022804)               435841.25
3709487.04       17.32623  (18011208)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435616.69   3709932.78   22.67284 (20101104)   435622.83
3709910.98   21.98214 (20101104)
        435628.96   3709889.18   22.19167 (18121805)   435635.10

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3709867.38       22.00650  (18121805)
        435641.24   3709845.58       21.02888  (18121805)                435647.38
3709823.78       19.37200  (18121805)
        435653.52   3709801.98       19.66331  (21090405)                435659.66
3709780.17       21.20920  (21090405)
        435665.80   3709758.37       22.13563  (21122423)                435671.94
3709736.57       22.27877  (21122423)
        435678.08   3709714.77       21.37585  (21122423)                435684.22
3709692.97       19.69321  (21090405)
        435690.36   3709671.17       17.64744  (21090405)                435696.50
3709649.36       16.77885  (17013024)
        435702.64   3709627.56       17.04962  (19120805)                435708.78
3709605.76       18.07512  (19120805)
        435714.92   3709583.96       18.61110  (19120805)                435721.06
3709562.16       18.63338  (19120805)
        435727.20   3709540.36       18.13121  (19120805)                435733.34
3709518.56       17.15166  (19120805)
        435739.48   3709496.75       16.77337  (21040903)                435745.62
3709474.95       16.43607  (19121508)
        435751.76   3709453.15       16.31244  (18121508)                435757.89
3709431.35       16.32626  (18011208)
        435764.03   3709409.55       16.13153  (18011208)                435770.17
3709387.75       15.67611  (18120808)
        435776.31   3709365.94       15.93528  (21021004)                435536.87
3710216.20       21.01317  (21110503)
        435537.62   3710239.27       22.53913  (21110503)                435538.36
3710262.34       23.06122  (21110503)
        436998.29   3710253.17      127.13724  (18121519)                437006.23
3710275.99      134.50883  (17121621)
        437014.16   3710298.81      148.70021  (18120702)                436943.13
3710246.78      126.72443  (20012122)
        436951.07   3710269.60      137.77106  (20012122)                436959.00
3710292.42      149.26308  (20121403)
        436966.94   3710315.24      168.77093  (20121403)                436891.78
3710240.99      108.01361  (20121403)
        436895.90   3710263.20      108.61783  (20121403)                436903.84
3710286.02      107.11004  (20121403)
        436911.78   3710308.84      115.99023  (21011208)                436919.71
3710331.66      123.42918  (20122108)
        436845.01   3710259.88       96.45166  (20122108)                436856.62
3710302.45      103.52499  (18011208)
        436864.55   3710325.27      115.60210  (19120805)                436872.49
3710348.09      125.86802  (19120805)
        436798.02   3710277.54       95.05934  (19120805)                436809.39
3710318.87      105.55011  (19120805)
        436817.33   3710341.69      119.88224  (21090405)                436825.26
3710364.51      126.62569  (21090405)
        436750.11   3710290.26       92.22577  (21090405)                436745.98
3710268.05       89.14968  (19120805)
        436741.86   3710245.83       84.46450  (19120805)                436754.23
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3710312.48   103.43510 (21090405)
        436762.16   3710335.30   106.73800 (21090405)   436770.10
3710358.12   110.36794 (18121805)
        436778.04   3710380.94   113.10289 (18121805)   436703.15
3710308.17   91.92639 (21090405)
        436695.46   3710266.70   84.65670 (21090405)   436714.94
3710351.72   97.41070 (18121805)
        436722.88   3710374.54   95.18592 (20101104)   436730.81
3710397.36   102.20201 (20112424)
        436655.38   3710321.63   85.55500 (18121805)   436650.98
3710297.93   81.03050 (18121805)
        436646.58   3710274.24   81.74782 (21090405)   436642.19
3710250.54   79.61403 (21090405)
        436659.78   3710345.33   84.52601 (20101104)   436667.71
3710368.15   86.68010 (20112424)
        436675.65   3710390.97   92.48998 (19121506)   436683.59
3710413.79   91.40748 (19121506)
        436608.43   3710339.54   73.77734 (20101104)   436604.31
3710317.32   76.36057 (20101104)
        436600.18   3710295.10   76.27669 (18121805)   436591.94
3710250.67   72.43988 (21090405)
        436612.55   3710361.75   80.21271 (20112424)   436620.49
3710384.57   82.94632 (19121506)
        436628.43   3710407.39   78.63811 (19121506)   436636.36
3710430.21   80.25251 (21110503)
        436561.40   3710357.02   73.88659 (19121506)   436553.55
3710314.70   68.09656 (20101104)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436545.69	3710272.38	68.70206	(18121805)	436573.26	3710401.00	67.47034	(19121506)
436581.20	3710423.82	73.33162	(21110503)	436589.14	3710446.64	71.67859	(21110503)
436466.75	3710388.81	58.73254	(21110503)	436462.63	3710366.59	58.35931	(19121506)
436454.38	3710322.16	61.57341	(20112424)	436450.26	3710299.94	58.19059	(20112424)
436446.14	3710277.73	56.65278	(20101104)	436442.02	3710255.51	58.31683	(20101104)
436470.88	3710411.03	61.87176	(21110503)	436478.81	3710433.85	59.22888	(21110503)
436486.75	3710456.67	60.17074	(20020723)	436494.69	3710479.49	67.58209	(20020723)
436372.15	3710420.84	50.31704	(21110503)	436367.87	3710397.80	53.50125	(21110503)
436363.60	3710374.76	51.58681	(21110503)	436359.32	3710351.72	46.67135	(19121506)
436355.05	3710328.68	51.84852	(19121506)	436350.77	3710305.64	53.03956	(19121506)
436346.50	3710282.60	51.95108	(20112424)	436342.22	3710259.56	47.76781	(20112424)
436376.43	3710443.88	50.48870	(21120204)	436384.36	3710466.70	55.94796	(20020723)
436392.30	3710489.52	58.42157	(20020723)	436400.24	3710512.34	55.16591	(20020723)
436277.58	3710453.03	46.67698	(20020723)	436273.18	3710429.33	44.28638	(21120204)
436268.78	3710405.63	44.14414	(21110503)	436264.38	3710381.94	46.87923	(21110503)
436259.99	3710358.24	45.36890	(21110503)	436255.59	3710334.54	40.86718	(20040703)
436251.19	3710310.84	43.52917	(19121506)	436246.79	3710287.15	46.05058	(21110223)
436242.39	3710263.45	45.64974	(20102504)	436281.98	3710476.73	50.21292	(20020723)
436289.91	3710499.55	49.45037	(20020723)	436297.85	3710522.37	44.44759	(20020723)
436305.79	3710545.19	42.52283	(18012918)	436183.40	3710487.36	44.18446	(20020723)
436175.16	3710442.93	40.11959	(20020723)	436171.03	3710420.71	39.54448	(21120204)
436166.91	3710398.49	39.10561	(21123108)	436162.79	3710376.28	40.95454	(21110503)

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        436158.66   3710354.06       41.36708  (21110503)                436154.54
3710331.84       38.86118  (21110503)
        436146.29   3710287.41       37.77531  (21110223)                436142.17
3710265.19       40.25795  (21110223)
        436187.52   3710509.57       41.35396  (20020723)                436195.46
3710532.39       35.76260  (20020723)
        436203.40   3710555.21       37.00365  (18012918)                436211.33
3710578.03       36.54492  (17012821)
        436088.85   3710519.64       34.49971  (20020723)                436084.62
3710496.85       38.27199  (20020723)
        436080.39   3710474.07       39.47610  (20020723)                436076.16
3710451.28       37.90241  (20020723)
        436071.93   3710428.49       35.66600  (21120204)                436067.70
3710405.71       35.21266  (21120204)
        436063.47   3710382.92       35.14497  (21123108)                436059.24
3710360.14       36.65872  (21110503)
        436055.02   3710337.35       37.00195  (21110503)                436050.79
3710314.56       34.84789  (21110503)
        436046.56   3710291.78       32.76629  (20040703)                436042.33
3710268.99       32.31108  (21110223)
        436093.07   3710542.42       31.53895  (18012918)                436101.01
3710565.24       32.39653  (18012918)
        436108.95   3710588.06       32.03326  (17012821)                436116.88
3710610.88       32.15054  (18121101)
        435994.30   3710552.00       28.01598  (18012918)                435989.98
3710528.72       28.77088  (20020723)
        435985.67   3710505.45       32.87403  (20020723)                435981.35
3710482.18       35.03735  (20020723)
        435977.03   3710458.90       34.85125  (20020723)                435972.71
3710435.63       32.46062  (20020723)
        435968.39   3710412.35       32.44830  (21120204)                435964.07
3710389.08       31.33554  (21120204)
        435959.75   3710365.81       31.75659  (21123108)                435955.43
3710342.53       33.15089  (21110503)
        435951.11   3710319.26       33.29875  (21110503)                435946.79
3710295.98       31.32527  (21110503)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 319
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
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L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	29.62827	(20040703)	435998.62	3710575.27	28.28111	(18012918)
436006.56	3710598.09	28.11681	(17012821)	436014.50	3710620.91	28.21101	(18121101)
436022.43	3710643.73	28.89251	(17121219)	435899.77	3710584.43	24.91810	(18012918)
435895.38	3710560.73	24.91829	(18012918)	435890.98	3710537.03	24.31972	(20121522)
435886.58	3710513.33	28.21485	(20020723)	435882.18	3710489.64	30.90165	(20020723)
435877.79	3710465.94	31.66501	(20020723)	435873.39	3710442.24	30.45396	(20020723)
435868.99	3710418.54	29.16623	(21120204)	435864.59	3710394.85	29.47852	(21120204)
435860.19	3710371.15	28.72650	(21123108)	435855.80	3710347.45	28.78891	(21123108)
435851.40	3710323.75	30.06580	(21110503)	435847.00	3710300.06	29.94725	(21110503)
435842.60	3710276.36	28.02504	(21110503)	435904.17	3710608.12	24.69280	(17012821)
435912.11	3710630.94	24.74050	(18121101)	435920.05	3710653.76	25.29278	(17121219)
435927.98	3710676.58	25.16768	(17121219)	435805.52	3710618.32	21.96973	(17120201)
435801.31	3710595.67	22.12627	(18012918)	435797.11	3710573.02	22.51949	(18012918)
435792.91	3710550.36	22.09231	(18012918)	435788.70	3710527.71	23.41082	(20020723)
435784.50	3710505.06	26.39367	(20020723)	435780.30	3710482.41	28.19658	(20020723)
435776.09	3710459.76	28.55282	(20020723)	435771.89	3710437.10	27.45069	(20020723)
435767.68	3710414.45	26.13262	(21120204)	435763.48	3710391.80	26.76652	(21120204)
435759.28	3710369.15	25.97943	(21120204)	435755.07			

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3710346.50       26.39830  (21123108)
        435750.87   3710323.84       26.44541  (21110503)                435746.66
3710301.19       27.43686  (21110503)
        435742.46   3710278.54       27.01124  (21110503)                435809.72
3710640.97       21.90190  (17120201)
        435817.66   3710663.79       22.10193  (17121219)                435825.60
3710686.61       22.08525  (17121219)
        435833.53   3710709.43       22.32979  (18012708)                435711.00
3710650.78       20.99840  (19010608)
        435706.72   3710627.74       20.45547  (18020722)                435702.44
3710604.70       20.05261  (17021523)
        435698.17   3710581.66       20.53165  (18012918)                435693.89
3710558.63       20.19789  (18012918)
        435689.62   3710535.59       20.22853  (20020723)                435685.34
3710512.55       23.15197  (20020723)
        435681.07   3710489.51       25.22561  (20020723)                435676.79
3710466.47       26.14327  (20020723)
        435672.51   3710443.43       25.77995  (20020723)                435668.24
3710420.39       24.21716  (20020723)
        435663.96   3710397.35       23.88215  (21120204)                435659.69
3710374.31       24.15330  (21120204)
        435655.41   3710351.27       23.58261  (21123108)                435651.14
3710328.23       24.12107  (21123108)
        435646.86   3710305.19       24.40242  (21110503)                435642.59
3710282.16       25.10445  (21110503)
        435715.27   3710673.82       20.84120  (19021508)                435723.21
3710696.64       21.42128  (18012708)
        435731.14   3710719.46       21.77148  (18012708)                435739.08
3710742.28       21.57065  (18012708)
        435616.48   3710683.29       19.72800  (18031607)                435612.14
3710659.90       19.82225  (19010608)
        435607.80   3710636.51       19.59449  (17031607)                435603.46
3710613.13       19.65117  (17031607)
        435599.12   3710589.74       19.53763  (17021608)                435594.78
3710566.36       20.49160  (17021608)
        435590.44   3710542.97       20.83810  (17021608)                435586.10
3710519.59       21.64798  (20020723)
        435581.76   3710496.20       23.76135  (20020723)                435577.42
3710472.81       24.74065  (20020723)
        435573.08   3710449.43       24.60595  (20020723)                435568.74
3710426.04       23.43118  (20020723)
        435564.40   3710402.66       21.42450  (20020723)                435560.06
3710379.27       22.22194  (21120204)
        435555.72   3710355.89       22.09743  (21120204)                435551.38
3710332.50       22.00734  (21123108)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435547.04	3710309.12	22.13640	(21123108)	435542.70	3710285.73	22.58732	(21110503)
435620.82	3710706.67	20.14998	(18012708)	435628.76	3710729.49	20.62553	(18012708)
435636.69	3710752.31	20.80532	(18012708)	435644.63	3710775.13	20.66534	(18012708)
437027.39	3710326.68	163.05063	(20120723)	437038.31	3710349.01	141.23159	(18012806)
437049.22	3710371.33	167.02950	(18012717)	436982.47	3710348.64	196.43536	(20121403)
436993.39	3710370.97	214.30213	(20121403)	437004.30	3710393.30	233.98141	(21122223)
436937.55	3710370.61	157.64051	(19120805)	436948.47	3710392.93	190.65494	(21090405)
436959.39	3710415.26	240.95646	(21090405)	436881.72	3710370.24	139.14637	(21090405)
436892.63	3710392.57	152.36004	(21090405)	436903.55	3710414.89	166.09229	(18121805)
436914.47	3710437.22	198.91056	(18121805)	436836.80	3710392.20	133.27153	(18121805)
436847.72	3710414.53	133.94505	(18121805)	436858.63	3710436.86	139.79083	(19121506)
436869.55	3710459.18	152.91246	(19121506)	436791.88	3710414.17	117.52938	(19121506)
436802.80	3710436.49	122.21224	(19121506)	436813.71	3710458.82	113.97710	(19121506)

436824.63 3710481.15 127.38043 (20020723) 436746.96
3710436.13 101.84916 (19121506)
436757.88 3710458.46 101.48586 (21110503) 436768.80
3710480.78 106.92701 (20020723)
436779.71 3710503.11 117.46857 (20020723) 436692.82
3710435.94 88.28007 (21110503)
436702.05 3710458.09 89.64890 (21110503) 436712.96
3710480.42 96.01124 (20020723)
436723.88 3710502.75 101.67438 (20020723) 436734.80
3710525.07 94.74976 (20020723)
436650.21 3710463.44 78.47901 (20020723) 436668.04
3710502.38 92.08680 (20020723)
436678.96 3710524.71 84.68817 (20020723) 436689.88
3710547.04 78.78050 (18020722)
436604.52 3710483.56 81.23525 (20020723) 436623.13
3710524.34 75.53078 (20020723)
436634.04 3710546.67 71.19804 (18020722) 436644.96
3710569.00 72.02565 (17121723)
436513.14 3710523.79 61.69960 (20020723) 436503.92
3710501.64 68.21053 (20020723)
436522.37 3710545.94 58.38569 (18012918) 436533.29
3710568.27 58.64832 (17120201)
436544.21 3710590.60 59.56619 (17121723) 436555.12
3710612.92 60.38907 (19122020)
436424.46 3710570.49 49.51132 (17120201) 436443.45
3710612.20 50.55511 (20022703)
436454.37 3710634.52 50.85428 (18011820) 436465.29
3710656.85 51.61048 (18020405)
436333.47 3710611.64 43.30131 (17121219) 436324.24
3710589.49 42.57257 (17120201)
436315.01 3710567.34 42.13818 (18012918) 436342.70
3710633.79 43.26225 (18120419)
436353.62 3710656.12 43.90615 (18011820) 436364.53
3710678.45 44.27678 (18011907)
436375.45 3710700.77 44.76351 (17121220) 436244.56
3710657.78 37.36187 (18121701)
436227.95 3710617.91 37.61324 (17121219) 436263.78
3710700.05 38.29192 (18011907)
436274.70 3710722.37 38.43770 (18121422) 436285.61
3710744.70 39.36279 (21012201)
436153.80 3710699.49 33.42222 (18011820) 436144.57
3710677.34 32.69353 (18121701)
436135.34 3710655.19 32.54640 (20022703) 436126.11
3710633.04 32.97956 (17121219)
436163.03 3710721.65 33.51327 (18011907) 436173.94
3710743.97 33.52993 (18121422)
436184.86 3710766.30 34.38233 (21012201) 436195.78
3710788.63 34.17884 (21010919)
436064.73 3710745.27 29.43320 (18011907) 436047.81
3710704.65 28.77954 (20122804)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	25.82778	(18011907)	435955.67	3710743.04	25.73594	(18011820)
435946.44	3710720.89	25.07419	(20122804)	435937.21	3710698.74	25.05325	(18120419)
435983.36	3710809.50	25.98154	(21012201)	435994.27	3710831.82	26.15516	(21012201)
436005.19	3710854.15	25.83373	(17120906)	436016.11	3710876.48	25.65373	(17021319)
435884.95	3710832.85	23.82829	(19011808)	435867.81	3710791.71	23.36562	(19011808)
435850.67	3710750.57	22.28154	(18011820)	435904.44	3710875.75	23.26406	(21012124)
435915.35	3710898.08	23.18106	(21010123)	435926.27	3710920.40	23.22609	(17021319)
435794.45	3710875.20	22.32360	(19011808)	435785.23	3710853.04	23.45116	(19011808)
435776.00	3710830.89	23.72107	(19011808)	435766.77			

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3710808.74       22.98020  (19011808)
        435757.54   3710786.59       21.77795  (21011706)                435748.31
3710764.43       21.06092  (18012708)
        435803.68   3710897.35       21.97305  (21011420)                435814.60
3710919.67       21.63896  (21012124)
        435825.52   3710942.00       21.36108  (17021319)                435836.43
3710964.33       21.19685  (18010320)
        435705.19   3710920.51       20.76383  (21011420)                435687.89
3710878.97       22.29767  (19011808)
        435670.59   3710837.43       22.42948  (19011808)                435724.76
3710963.60       20.09191  (21012124)
        435735.68   3710985.93       19.80046  (17021319)                435746.60
3711008.25       19.68842  (18010320)
        437052.65   3710321.47      123.35532  (18012717)                437017.82
3710373.27      225.92473  (21121703)
        436964.72   3710362.63      171.21700  (20121403)                436881.73
3710306.83      105.84673  (20122108)
        436863.46   3710244.40       94.24752  (21011603)                436828.63
3710296.20      101.91674  (19120805)
        436810.36   3710233.77       86.79309  (20122108)                436662.66
3710184.60       67.43203  (19120805)
        436538.19   3710100.90       52.44184  (19120805)                436383.83
3709972.03       38.27414  (21040903)
        436289.23   3709933.50       34.35838  (19120805)                436123.27
3709821.90       27.40759  (19120805)
        435920.75   3709585.43       18.91977  (21011402)                436987.78
3710422.82      276.56273  (21090405)
        436981.82   3710445.14      294.63559  (21122423)                436975.87
3710467.47      295.24817  (20102504)
        436969.92   3710489.80      284.71417  (21110503)                436921.61
3710476.92      224.36034  (19121506)
        436904.79   3710367.02      137.90453  (19120805)                436851.94
3710364.15      134.00071  (21090405)
        436776.67   3710438.27      111.99704  (19121506)                436746.22
3710358.41      105.49831  (18121805)
        436726.55   3710282.45       90.29435  (21090405)                436691.95
3710367.85       87.77461  (20101104)
        436618.82   3710281.14       74.80503  (18121805)                436589.38
3710364.41       77.72348  (19121506)
        436570.02   3710269.33       70.44869  (18121805)                436612.64
3710175.47       64.48270  (19120805)
        436535.11   3710373.86       69.19510  (19121506)                436465.44
3710261.09       60.35617  (20101104)
        436483.63   3710221.04       57.94326  (18121805)                436501.81
3710180.99       61.61634  (21090405)
        436520.00   3710140.95       52.04392  (19120805)                436438.49
3710348.09       59.14854  (19121506)
        436369.27   3710234.32       52.28319  (20101104)                436378.82
3710213.30       51.58650  (20101104)
        436388.37   3710192.27       51.73137  (18121805)                436397.91
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3710171.25   47.86033 (21090405)
        436407.46   3710150.22   52.78053 (21090405)   436417.01
3710129.20   52.81868 (21090405)
        436426.56   3710108.17   47.96947 (21090405)   436436.11
3710087.15   44.26437 (19120805)
        436445.65   3710066.12   46.40845 (19120805)   436272.19
3710209.56   44.86749 (20101104)
        436290.38   3710169.51   45.31437 (18121805)   436308.56
3710129.47   41.15611 (21090405)
        436326.75   3710089.42   46.70976 (21090405)   436344.94
3710049.37   38.79668 (21090405)
        436363.12   3710009.32   40.16790 (19120805)   436175.92
3710183.03   38.62214 (20101104)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436185.36   3710162.23   41.18148 (20101104)   436194.80
3710141.44   40.56870 (20101104)
        436204.25   3710120.64   40.31555 (19062806)   436213.69
3710099.85   38.13419 (19062806)
        436223.13   3710079.06   37.71007 (21090405)   436232.58
3710058.26   40.77963 (21090405)
        436242.02   3710037.47   40.91773 (21090405)   436251.46
3710016.67   38.10615 (21090405)

436260.90 3709995.88 32.94275 (21090405) 436270.35
3709975.09 34.05816 (19120805)
436279.79 3709954.29 35.26475 (19120805) 436166.47
3710203.82 37.64573 (20102504)
436160.52 3710226.15 40.82435 (20102504) 436078.94
3710158.03 33.22998 (21070705)
436097.13 3710117.98 36.92115 (20101104) 436115.32
3710077.94 35.97882 (19062806)
436133.50 3710037.89 32.92413 (21090405) 436151.69
3709997.84 36.64728 (21090405)
436169.88 3709957.79 31.86142 (21090405) 436188.06
3709917.75 30.44242 (19120805)
436063.90 3710200.38 36.64002 (20102504) 435982.60
3710131.64 30.15000 (21070705)
435991.98 3710110.99 31.55570 (20101104) 436001.36
3710090.34 33.10062 (20101104)
436010.74 3710069.69 32.58875 (20101104) 436020.11
3710049.04 32.42265 (19062806)
436029.49 3710028.39 31.58708 (19062806) 436038.87
3710007.74 28.92147 (19062806)
436048.25 3709987.09 30.55868 (21090405) 436057.62
3709966.45 32.80548 (21122423)
436067.00 3709945.80 33.02499 (21122423) 436076.38
3709925.15 31.06192 (21090405)
436085.76 3709904.50 27.74425 (21090405) 436095.13
3709883.85 26.01723 (20020207)
436104.51 3709863.20 27.24754 (19120805) 436113.89
3709842.55 27.99827 (19120805)
435973.23 3710152.29 31.24931 (20102504) 435967.27
3710174.62 33.01965 (20102504)
435961.32 3710196.94 32.94812 (21110223) 435894.79
3710086.48 27.77867 (21070705)
435912.98 3710046.43 30.05389 (20101104) 435931.16
3710006.38 29.37027 (19062806)
435949.35 3709966.34 26.01328 (19062806) 435967.54
3709926.29 29.54112 (21122423)
435985.72 3709886.24 29.27203 (21122423) 436003.91
3709846.19 23.46708 (21090405)
436022.10 3709806.15 24.75565 (19120805) 435807.98
3710039.11 26.37386 (20101104)
435817.31 3710018.56 27.36287 (20101104) 435826.64
3709998.01 26.96134 (20101104)
435835.97 3709977.46 26.72859 (19062806) 435845.31
3709956.91 26.50578 (19062806)
435854.64 3709936.36 24.94692 (19062806) 435863.97
3709915.81 22.86179 (21090405)
435873.30 3709895.25 25.49813 (21122423) 435882.64
3709874.70 27.39041 (21122423)
435891.97 3709854.15 27.65455 (21122423) 435901.30
3709833.60 26.29484 (21122423)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435642.53   3709926.36       22.71671  (20101104)                435661.13
3709885.40       22.58964  (18121805)
        435670.43   3709864.92       21.84729  (18121805)                435679.73
3709844.44       20.34540  (18121805)
        435689.03   3709823.97       19.91326  (21090405)                435698.33
3709803.49       21.70589  (21090405)
        435707.63   3709783.01       22.93652  (21122423)                435716.93
3709762.53       23.27453  (21122423)
        435726.23   3709742.05       22.41562  (21122423)                435735.53
3709721.57       20.58197  (21090405)
        435744.83   3709701.09       18.38855  (21090405)                435754.13
3709680.61       17.67983  (20020207)
        435772.73   3709639.66       19.23318  (19120805)                436969.01
3710524.96      280.19456  (20020723)
        436970.50   3710565.89      248.33192  (21090404)                436918.30
3710506.32      227.03269  (20020723)
        436919.79   3710547.25      157.78128  (20020723)                436921.28
3710588.18      155.13931  (17121105)
        436869.98   3710493.44      174.62807  (20020723)                436869.07
3710528.60      150.73665  (20020723)
        436870.56   3710569.53      121.37008  (19011808)                436818.36
3710509.96      136.68175  (20020723)
        436819.85   3710550.89      101.97859  (18012708)                436821.34
3710591.82      103.14811  (19011808)
        436769.14   3710532.24       96.47576  (20020723)                436770.63
3710573.17       93.13106  (19122020)
        436724.39   3710460.67       93.83926  (21110503)                436719.92
3710554.52       82.81407  (18121221)
        436721.41   3710595.45       84.58056  (21011706)                436674.25
3710463.96       81.63533  (20020723)
        436670.70   3710576.81       76.26131  (21012123)                436625.11
3710458.43       73.71074  (21110503)
        436620.73   3710578.63       68.78837  (17121723)                436570.66
3710500.15       76.85434  (20020723)
        436569.27   3710539.52       63.40796  (18012918)                436570.76
3710580.45       62.38493  (17121723)
        436522.70   3710484.12       71.14277  (20020723)                436526.84
3710447.36       61.37003  (21123108)
        436530.97   3710410.61       67.09795  (21110503)                436521.54
3710602.73       57.34217  (20022703)
        436423.04   3710485.30       61.18703  (20020723)                436427.45
3710446.10       53.85984  (21120204)
        436431.87   3710406.90       58.44536  (21110503)                436419.37
3710544.97       49.92771  (18012918)
        436421.61   3710606.37       48.66298  (21022407)                436320.80
3710509.44       49.67625  (20020723)
        436325.01   3710472.01       52.67839  (20020723)                436329.22
3710434.59       47.35437  (21120204)
        436333.44   3710397.17       50.84208  (21110503)                436337.65
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3710359.75   47.54780 (21110503)
        436220.97   3710512.18   42.63395 (20020723)   436225.38
3710472.98   46.65979 (20020723)
        436229.79   3710433.78   42.39837 (21120204)   436234.21
3710394.57   43.45359 (21110503)
        436120.95   3710516.52   36.59134 (20020723)   436125.21
3710478.72   41.53209 (20020723)
        436129.46   3710440.91   38.12148 (20020723)   436133.72
3710403.11   37.35941 (21123108)
        436137.98   3710365.31   40.36149 (21110503)   436021.10
3710519.46   31.82039 (20020723)
        436025.51   3710480.25   36.92273 (20020723)   436029.92
3710441.05   34.93841 (20020723)
        436034.34   3710401.85   34.02235 (21120204)   436019.64
3710559.52   29.16451 (18012918)
        435921.23   3710522.48   27.75394 (20020723)   435925.78
3710482.05   32.94280 (20020723)
        435930.34   3710441.63   31.99535 (20020723)   435934.89
3710401.20   31.37561 (21120204)
        435919.70   3710563.16   25.71092 (18012918)   435821.23
3710526.73   24.34205 (20020723)
        435825.64   3710487.53   29.23628 (20020723)   435830.06
3710448.33   29.69694 (20020723)
        435834.47   3710409.12   28.57038 (21120204)   435819.77
3710566.80   23.00645 (18012918)
        435721.36   3710529.86   21.64281 (20020723)   435725.88
3710489.62   26.24069 (20020723)
        435730.41   3710449.39   27.12309 (20020723)   435734.94
3710409.15   25.40381 (21120204)
        435757.59   3710207.98   25.07104 (20040703)   435719.84
3710570.44   20.99983 (18012918)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435621.36	3710534.01	20.36269	(17021608)	435625.78	3710494.81	24.07497	(20020723)
435630.19	3710455.60	25.45194	(20020723)	435634.60	3710416.40	23.42108	(20020723)
435619.90	3710574.08	20.11894	(17021608)	435521.48	3710537.20	20.51443	(17021608)
435525.99	3710497.11	23.66636	(20020723)	435530.51	3710457.01	24.63269	(20020723)
435535.02	3710416.92	22.48256	(20020723)	435519.97	3710577.71	19.67610	(17021608)
435521.46	3710618.64	18.72397	(17031607)	436953.73	3710589.22	240.79889	(20091405)
436939.59	3710607.08	227.70468	(20050504)	436925.45	3710624.94	209.28996	(20050504)
436942.81	3710522.47	242.43329	(20020723)	436900.39	3710576.05	139.88590	(21012201)
436886.25	3710593.91	127.27477	(18010320)	436889.47	3710509.29	197.01263	(20020723)
436847.05	3710562.87	109.69582	(18012708)	436850.26	3710478.25	137.68608	(20020723)
436807.84	3710531.83	107.50402	(20020723)	436825.20	3710429.36	129.36646	(19121506)
436651.04	3710407.69	84.61953	(19121506)	436522.51	3710247.82	64.32123	(18121805)
436508.37	3710265.68	63.88228	(18121805)	436494.23	3710283.54	62.97612	(20101104)
436472.39	3710150.03	56.18916	(21090405)	436415.83	3710221.47	54.91007	(18121805)
436393.99	3710087.96	45.01444	(21090405)	436379.85	3710105.82	49.41776	(21090405)
436315.58	3710025.89	35.36439	(17013024)	436237.18	3709963.81	31.67595	(19120805)
436223.04	3709981.67	32.92174	(21090405)	436158.78	3709901.74	29.10460	(19120805)
436144.64	3709919.60	27.71151	(17013024)	436080.38	3709839.67	26.68651	(19120805)
436066.24	3709857.53	25.10968	(20020207)	436001.97	3709777.60	24.47216	(19120805)
435987.83	3709795.46	23.36999	(19120805)	435973.69	3709813.32	22.69416	(20020207)

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        435923.57   3709715.52       22.41354  (19120805)               435909.43
3709733.38       21.78059  (19120805)
        435895.29   3709751.24       20.80593  (20020207)               435881.15
3709769.10       20.34734  (17013024)
        435845.17   3709653.45       20.65570  (19120805)               435831.03
3709671.31       20.36966  (19120805)
        435816.89   3709689.17       19.39548  (19120805)               435802.75
3709707.03       18.54373  (20020207)
        436914.85   3710651.52      191.26037  (20030803)               436911.28
3710691.41      192.97074  (20091403)
        436907.71   3710731.30      173.49503  (21090424)               436872.11
3710629.34      117.66139  (18010108)
        436863.26   3710667.01      125.07703  (20050504)               436859.69
3710706.90      127.07299  (20030803)
        436856.12   3710746.79      119.39317  (21031805)               436821.61
3710626.66      100.51081  (21012022)
        436813.46   3710662.55       98.23718  (18010108)               436809.89
3710702.44      108.29889  (20050504)
        436806.32   3710742.33      105.20014  (20030803)               436772.51
3710620.42       93.67276  (21010123)
        436793.71   3710567.27       96.85178  (19122020)               436763.66
3710658.09       89.39996  (21012022)
        436760.09   3710697.98       86.74786  (21090404)               436756.52
3710737.87       94.88868  (20050504)
        436742.14   3710567.24       86.88099  (20022703)               436715.65
3710633.68       82.49582  (21010123)
        436712.07   3710673.58       80.18022  (21012022)               436708.50
3710713.47       77.19009  (18010108)
        436672.91   3710611.51       75.80009  (21011706)               436708.24
3710522.92       91.21176  (20020723)
        436664.06   3710649.17       73.64414  (21010123)               436660.49
3710689.06       71.65688  (21012022)
        436656.92   3710728.95       69.00415  (18120719)               436622.79
3710607.85       68.75317  (21011706)
        436656.51   3710523.29       81.61914  (20020723)               436614.26
3710644.71       66.84291  (21011704)
        436610.69   3710684.60       65.28430  (17021319)               436607.11
3710724.50       63.13421  (19011802)
        436594.51   3710549.43       65.80629  (18020722)               436564.46
3710640.25       60.86796  (18020405)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 325
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
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INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	59.99394	(21010123)	436557.31	3710720.04	58.67528	(18010320)
436545.80	3710542.25	60.85732	(18012918)	436575.15	3710468.65	72.97986	(20020723)
436514.66	3710635.79	56.39609	(21011706)	436511.09	3710675.68	55.73223	(21012201)
436507.51	3710715.58	54.25565	(17021319)	436473.71	3710593.67	52.99333	(17121219)
436487.84	3710558.23	54.46130	(18020722)	436558.50	3710381.05	71.83471	(19121506)
436459.50	3710691.17	51.30189	(21012201)	436374.11	3710584.75	45.75076	(17120201)
436388.24	3710549.31	47.68463	(18012918)	436473.03	3710336.70	63.85283	(19121506)
436365.25	3710622.42	44.86857	(20022703)	436274.51	3710575.83	39.85254	(17012821)
436380.50	3710310.06	55.22474	(19121506)	436394.63	3710274.63	51.24495	(20112424)
436265.65	3710613.50	39.57785	(17121219)	436175.21	3710566.14	35.47563	(18012918)
436278.44	3710307.31	46.84592	(21110223)	436293.19	3710270.33	48.50469	(20112424)
436307.93	3710233.35	45.30080	(20101104)	436166.05	3710604.58	34.27502	(17120201)
436162.48	3710644.47	33.97777	(17121219)	436075.57	3710557.31	31.36765	(18012918)
436178.31	3710299.72	38.37414	(19121506)	436192.98	3710262.92	43.18424	(21110223)
436207.66	3710226.12	41.38954	(20102504)	436066.45	3710595.66	30.33849	(17012821)
436062.88	3710635.55	30.38415	(17121219)	436059.31			

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3710675.44       29.52257  (20022703)
        436012.49   3710456.82       36.01008  (20020723)               436078.28
3710291.86       33.89362  (20040703)
        436092.90   3710255.20       37.78408  (21110223)               436107.52
3710218.54       38.82359  (20102504)
        435968.63   3710566.80       27.37476  (18012918)               435965.06
3710606.69       26.66949  (17012821)
        435961.49   3710646.58       26.64185  (17121219)               435905.47
3710466.52       32.58590  (20020723)
        435971.05   3710302.07       32.31024  (21110503)               435985.63
3710265.53       30.89961  (20040703)
        436000.20   3710228.99       34.14546  (21110223)               436014.77
3710192.44       34.92156  (20102504)
        436029.35   3710155.90       31.17360  (21070705)               435869.03
3710557.88       24.10092  (18012918)
        435865.46   3710597.77       23.47003  (18012918)               435861.89
3710637.66       23.25040  (18121101)
        435805.77   3710457.84       29.37747  (20020723)               435834.85
3710384.94       28.41517  (21120204)
        435871.19   3710293.82       30.17161  (21110503)               435885.72
3710257.37       28.25874  (20040703)
        435900.26   3710220.92       29.33190  (21110223)               435914.79
3710184.47       31.40320  (21110223)
        435929.33   3710148.02       30.77410  (20102504)               435769.43
3710548.96       21.56971  (20121522)
        435765.86   3710588.85       21.71417  (18012918)               435762.29
3710628.74       21.12446  (17120201)
        435706.09   3710449.12       26.58775  (20020723)               435735.10
3710376.38       25.86050  (21120204)
        435771.36   3710285.46       27.80049  (21110503)               435785.87
3710249.09       25.50794  (20040703)
        435800.37   3710212.72       25.72831  (20040703)               435814.87
3710176.35       28.39370  (21110223)
        435829.38   3710139.99       28.89051  (20102504)               435843.88
3710103.62       26.36496  (20102504)
        435668.04   3710559.99       19.65347  (18012918)               435664.47
3710599.88       19.61355  (18012918)
        435660.90   3710639.77       20.23307  (19010608)               435599.18
3710458.52       25.03338  (20020723)
        435628.14   3710385.92       23.52911  (21120204)               435671.57
3710277.02       25.69650  (21110503)
        435686.05   3710240.72       23.60058  (21110503)               435700.52
3710204.42       24.22329  (20040703)
        435715.00   3710168.12       25.11944  (21110223)               435729.48
3710131.82       26.27326  (21110223)
        435743.95   3710095.52       25.88471  (20102504)               435794.62
3709968.47       25.53655  (19062806)
        435568.44   3710551.07       20.75913  (17021608)               435564.87
3710590.96       19.24499  (17021608)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435561.30	3710630.85	19.12292	(17031607)	435478.02	3710503.66	22.93596	(20020723)
435492.81	3710466.58	24.87458	(20020723)	435507.60	3710429.49	23.11708	(20020723)
435522.39	3710392.41	20.86274	(21120204)	435566.76	3710281.16	23.35383	(21110503)
435581.55	3710244.07	23.24902	(21110503)	435596.34	3710206.99	22.06966	(20040703)
435611.13	3710169.90	22.00786	(20040703)	435625.92	3710132.82	23.79028	(21110223)
435640.71	3710095.73	24.32035	(20102504)	435655.50	3710058.65	23.20437	(20102504)
435468.84	3710542.15	20.02076	(17021608)	435465.27	3710582.04	19.09217	(17021608)
435461.70	3710621.93	18.06060	(17031607)	436915.73	3710783.44	153.48563	(19041722)
436907.55	3710762.62	162.66108	(19120804)	436937.15	3710806.27	157.56167	(20051605)
436880.10	3710817.46	114.49316	(19120804)	436860.47	3710777.12	116.32404	(21090701)
436903.71	3710843.43	122.64614	(21111806)	436845.57	3710853.05	101.01883	(19120804)

436825.93 3710824.73 101.44521 (21090701) 436813.66 3710793.51 105.56986 (21031805)
436870.26 3710880.60 109.62607 (21111806) 436811.47 3710889.27 92.24015 (19120804)
436790.52 3710859.06 91.19925 (21090701) 436766.96 3710810.65 96.44362 (20091403)
436761.74 3710774.26 91.56905 (20030803) 436836.82 3710917.77 101.83904 (21111806)
436777.58 3710925.81 91.60140 (19120804) 436755.76 3710894.34 80.92433 (21090701)
436733.95 3710862.87 83.09395 (21031805) 436720.32 3710828.18 85.88821 (20030803)
436714.88 3710790.27 81.18358 (20050502) 436709.44 3710752.37 83.29274 (20050504)
436803.37 3710954.94 90.65839 (21111806) 436743.83 3710962.53 85.82183 (19120804)
436721.38 3710930.16 76.55574 (21090701) 436698.94 3710897.79 74.75163 (21031805)
436673.70 3710845.92 73.45806 (20030803) 436668.11 3710806.93 76.72767 (20050504)
436662.51 3710767.94 73.17241 (20091405) 436769.93 3710992.10 78.19576 (21111806)
436711.42 3711001.19 72.39991 (19120804) 436691.06 3710971.82 74.13377 (21090701)
436670.69 3710942.45 71.55469 (21031805) 436650.33 3710913.08 69.83119 (20091403)
436627.42 3710866.01 65.00605 (21101622) 436622.35 3710830.63 71.00606 (20050504)
436617.27 3710795.25 67.14460 (20091405) 436612.19 3710759.87 62.34188 (20122721)
436736.48 3711029.27 62.77372 (19120804) 436677.68 3711037.94 62.43488 (19120804)
436656.74 3711007.73 64.23702 (21090701) 436635.79 3710977.52 68.22659 (21031805)
436614.84 3710947.30 64.23964 (20091403) 436593.90 3710917.09 61.70640 (20030803)
436580.81 3710883.79 61.76537 (20050502) 436575.59 3710847.40 65.22176 (20050504)
436570.37 3710811.01 60.40726 (21090404) 436565.15 3710774.62 57.13454 (20122721)
436703.04 3711066.44 59.65597 (20070301) 436644.00 3711074.77 55.38902 (19120804)
436622.58 3711043.87 56.16321 (21090701) 436601.16 3711012.97 59.25965 (21090424)
436579.73 3710982.07 59.46653 (20091403) 436558.31 3710951.17 57.28713 (20030803)
436534.22 3710901.66 58.81593 (20050502) 436528.88 3710864.45 59.31324 (20091405)
436523.54 3710827.23 54.70120 (21090404) 436518.20 3710790.01 52.75684 (18020901)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	55.42701	(20050504)	436482.19	3710881.70	53.96221	(20091405)
436476.75	3710843.79	49.05014	(21090404)	436471.31	3710805.88	48.75326	(18020901)
436465.87	3710767.98	49.41451	(17121105)	436460.43	3710730.07	49.93329	(17021319)
436636.15	3711140.77	53.35531	(20070301)	436543.15	3711185.53	46.03818	(18070905)
436520.71	3711153.16	46.87735	(19050206)	436498.27	3711120.79	49.48576	(21090424)
436475.83	3711088.42	47.93671	(21041803)	436453.38	3711056.05	47.72129	(20091403)
436430.94	3711023.68	45.85404	(21101622)	436408.50			

3710991.31 47.29028 (20050502)
436394.48 3710955.63 48.14048 (20091405) 436388.89
3710916.64 45.88780 (21090404)
436383.29 3710877.65 40.49284 (21011506) 436377.69
3710838.66 41.52860 (21010201)
436372.10 3710799.67 42.30439 (17121105) 436366.50
3710760.68 42.85823 (21012103)
436360.91 3710721.69 44.10781 (21012201) 436569.25
3711215.11 46.77423 (20070301)
436476.70 3711260.50 40.86819 (18070905) 436455.14
3711229.40 40.54747 (19050206)
436433.58 3711198.30 42.84755 (21090424) 436412.02
3711167.20 41.08077 (21031805)
436390.45 3711136.10 43.09646 (20091403) 436368.89
3711105.00 40.87881 (20030803)
436347.33 3711073.90 40.30050 (21101622) 436325.77
3711042.79 41.57325 (20050502)
436301.52 3710992.96 41.12729 (20091405) 436296.14
3710955.50 39.54557 (21090404)
436290.76 3710918.04 34.74756 (21011506) 436285.39
3710880.58 35.53621 (21010201)
436280.01 3710843.12 36.05397 (17121105) 436274.64
3710805.66 36.78523 (18123104)
436269.26 3710768.20 37.69096 (21010919) 436502.36
3711289.44 40.82314 (20070301)
436409.57 3711334.48 35.83488 (18070905) 436387.52
3711302.68 36.01959 (19050206)
436365.47 3711270.88 37.85902 (21090424) 436343.42
3711239.08 36.82442 (21031805)
436321.37 3711207.27 38.10236 (20091403) 436299.33
3711175.47 37.36664 (20030803)
436277.28 3711143.67 35.76590 (21101622) 436255.23
3711111.87 35.78047 (20050502)
436233.18 3711080.07 37.53203 (20050504) 436208.38
3711029.11 36.29592 (21090404)
436202.89 3710990.81 33.18482 (21090404) 436197.39
3710952.50 30.53874 (21011506)
436191.89 3710914.19 31.07553 (21010201) 436186.39
3710875.89 31.49207 (17121105)
436180.90 3710837.58 32.11441 (18123104) 436175.40
3710799.28 33.07817 (17120906)
436435.47 3711363.78 35.83660 (19120804) 436342.48
3711408.53 31.06959 (18070905)
436320.04 3711376.16 31.75987 (21090701) 436297.60
3711343.79 34.08622 (21090701)
436275.15 3711311.42 33.75910 (21031805) 436252.71
3711279.05 34.01726 (20091403)
436230.27 3711246.68 34.72899 (20030803) 436207.83
3711214.31 31.37755 (21101622)
436185.38 3711181.94 31.72798 (21101622) 436162.94

3711149.57   33.57196 (20050502)
        436140.50   3711117.20   34.07431 (20091405)   436115.26
3711065.34   32.29230 (21090404)
        436109.66   3711026.35   27.45080 (21090404)   436104.07
3710987.36   27.14718 (18020901)
        436098.47   3710948.37   27.41600 (21010201)   436092.88
3710909.38   27.77466 (17121105)
        436087.28   3710870.39   27.95605 (18123104)   436081.69
3710831.40   28.94865 (17120906)
        436368.58   3711438.11   33.38486 (19120804)   436275.43
3711482.63   28.09590 (18070905)
        436252.66   3711449.79   29.07476 (21090701)   436229.89
3711416.96   31.73293 (21090701)
        436207.12   3711384.12   31.73043 (21031805)   436184.36
3711351.28   31.46578 (20091403)
        436161.59   3711318.44   32.88979 (20091403)   436138.82
3711285.60   30.03426 (20030803)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                   L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                   L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                   L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436116.05   3711252.76   29.40416 (21101622)   436093.29
3711219.92   29.60911 (20050502)
        436070.52   3711187.08   31.09755 (20050504)   436047.75
3711154.24   30.32580 (20091405)

436022.15 3711101.62 27.92688 (21090404) 436016.47 3711062.07 24.30329 (21011506)
436010.79 3711022.52 24.56768 (18020901) 436005.12 3710982.96 24.47647 (21010201)
435999.44 3710943.41 24.59513 (17121105) 435993.76 3710903.85 24.64926 (17021319)
435965.38 3710706.08 25.84510 (18121701) 436301.69 3711512.44 30.35255 (19120804)
436208.84 3711557.41 25.61381 (18070905) 436186.69 3711525.46 26.31700 (21090701)
436164.53 3711493.50 28.80127 (21090701) 436142.38 3711461.55 28.92629 (21090424)
436120.22 3711429.59 30.18089 (21031805) 436098.07 3711397.63 31.56112 (20091403)
436075.91 3711365.68 30.94054 (20030803) 436053.76 3711333.72 26.49022 (20030803)
436031.61 3711301.77 26.23007 (21101622) 436009.45 3711269.81 27.21626 (20050502)
435987.30 3711237.86 28.17885 (20050504) 435965.14 3711205.90 27.46502 (20091405)
435942.99 3711173.95 26.33210 (21090404) 435929.15 3711138.73 23.62691 (21090404)
435923.62 3711100.24 22.07104 (18010108) 435918.10 3711061.75 22.01350 (18020901)
435912.58 3711023.26 22.09920 (21010201) 435907.05 3710984.77 22.32903 (17121105)
435901.53 3710946.28 22.57533 (18010320) 435873.91 3710753.83 23.03435 (18011820)
435868.39 3710715.34 22.94813 (18120419) 435862.87 3710676.85 23.23639 (17121219)
436234.80 3711586.78 27.87774 (19120804) 436141.81 3711631.54 23.44061 (18070905)
436119.37 3711599.17 24.53038 (21090701) 436096.92 3711566.80 26.84206 (21090701)
436074.48 3711534.43 26.91700 (21090424) 436052.04 3711502.06 29.30148 (21031805)
436029.60 3711469.69 30.28018 (20091403) 436007.15 3711437.32 30.82059 (20030803)
435984.71 3711404.95 29.08611 (20030803) 435962.27 3711372.58 24.49994 (21101622)
435939.83 3711340.21 23.98819 (20050502) 435917.38 3711307.84 25.34662 (20050504)
435894.94 3711275.47 25.22003 (20050504) 435872.50 3711243.10 23.88603 (20091405)
435850.06 3711210.73 23.23260 (21090404) 435836.04 3711175.05 21.39630 (18010108)
435830.44 3711136.06 21.00108 (18010108) 435824.85 3711097.07 20.61091 (20120408)
435819.25 3711058.08 20.36165 (20122808) 435813.66 3711019.09 20.48367 (21012022)

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        435808.06   3710980.10       20.68748  (18010320)                435802.47
3710941.11       21.04900  (21010123)
        435780.09   3710785.15       21.95354  (21011706)                435774.49
3710746.16       21.44293  (18012708)
        435768.89   3710707.17       21.88497  (18012708)                435763.30
3710668.18       20.96954  (19012108)
        436167.91   3711661.11       26.44309  (19120804)                436074.79
3711705.69       24.85196  (19120804)
        436052.10   3711672.96       27.66107  (21090701)                436029.41
3711640.23       29.62933  (21090701)
        436006.72   3711607.50       29.31505  (21090424)                435984.03
3711574.77       29.42979  (21031805)
        435961.33   3711542.04       29.37241  (20091403)                435938.64
3711509.31       30.70907  (20091403)
        435915.95   3711476.58       29.77946  (20030803)                435893.26
3711443.85       25.53833  (20030803)
        435870.57   3711411.12       22.61261  (21101622)                435847.88
3711378.39       23.81840  (20050502)
        435825.18   3711345.66       24.40946  (20050504)                435802.49
3711312.93       23.22751  (20091405)
        435779.80   3711280.20       21.78818  (21090404)                435757.11
3711247.47       20.64812  (18010108)
        435742.93   3711211.40       21.79919  (18010108)                435737.28
3711171.98       21.37350  (20120408)
        435731.62   3711132.55       20.42529  (20120408)                435725.96
3711093.13       19.53392  (21120808)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	19.29419	(21120808)	435714.65	3711014.28	19.17959	(18010320)
435692.02	3710856.59	22.87065	(19011808)	435686.36	3710817.17	21.97727	(19011808)
435680.70	3710777.75	20.80059	(18012708)	435675.04	3710738.33	21.15669	(18012708)
435669.39	3710698.90	20.70200	(18012708)	436101.02	3711735.45	28.56381	(19120804)
436008.14	3711780.37	23.28430	(18070905)	435985.92	3711748.33	25.93707	(21090701)
435963.71	3711716.28	28.55266	(21090701)	435941.49	3711684.24	28.86000	(21090424)
435919.28	3711652.20	28.97565	(21031805)	435897.06	3711620.15	28.32379	(21041803)
435874.85	3711588.11	29.86524	(20091403)	435852.63	3711556.07	29.48800	(20030803)
435830.41	3711524.02	27.94785	(20030803)	435808.20	3711491.98	25.70264	(21101622)
435785.98	3711459.94	24.88498	(20050502)	435763.77	3711427.89	25.76552	(20050502)
435741.55	3711395.85	25.18819	(20050504)	435719.34	3711363.81	23.01364	(20091405)
435697.12	3711331.76	21.46628	(21090404)	435674.91	3711299.72	20.89254	(21090404)
435649.92	3711248.38	20.72525	(18010108)	435644.38	3711209.79	20.46628	(20120408)
435638.84	3711171.19	19.82914	(20122808)	435633.30	3711132.59	18.90523	(21120808)
435627.76	3711094.00	18.63218	(21120808)	435622.23	3711055.40	18.33621	(18011908)
435616.69	3711016.81	18.96100	(17060406)	435611.15	3710978.21	19.93938	(21012124)
435605.61	3710939.62	20.22107	(21011420)	435600.07	3710901.02	21.40322	(19011808)
435594.53	3710862.42	21.65189	(19011808)	435588.99	3710823.83	20.91387	(21011706)
435583.45	3710785.23	20.15939	(18012708)	435577.92	3710746.64	20.10268	(18012708)
435572.38	3710708.04	19.37974	(18012708)	435566.84	3710669.45	19.25685	(18031607)
436034.13	3711809.78	26.31343	(19120804)	435941.13	3711854.54	20.80103	(18070905)
435918.69	3711822.17	23.95057	(21090701)	435896.25	3711789.80	26.44536	(21090701)
435873.81	3711757.43	26.64925	(21090701)	435851.37			

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3711725.06       27.12394  (21031805)
        435828.92   3711692.69       26.51594  (21041803)                435806.48
3711660.32       27.78307  (20091403)
        435784.04   3711627.95       27.56718  (20091403)                435761.60
3711595.58       26.77833  (20030803)
        435739.15   3711563.21       24.41749  (21101622)                435716.71
3711530.84       24.29202  (21101622)
        435694.27   3711498.47       25.03784  (20050502)                435671.83
3711466.10       25.50230  (20050504)
        435649.39   3711433.73       25.04142  (20050504)                435626.94
3711401.36       23.97733  (20091405)
        435604.50   3711368.99       23.16316  (21090404)                435582.06
3711336.62       22.03152  (21090404)
        435556.82   3711284.75       18.43234  (21011506)                435551.22
3711245.76       18.72865  (18020901)
        435545.63   3711206.77       18.99885  (20122808)                435540.03
3711167.78       18.89628  (20122808)
        435534.44   3711128.80       18.83401  (18011908)                435528.84
3711089.81       18.62206  (18011908)
        435523.25   3711050.82       18.66591  (17021319)                435517.65
3711011.83       19.35329  (21010123)
        435512.06   3710972.84       19.50516  (21011420)                435506.46
3710933.85       20.09882  (19011808)
        435500.86   3710894.86       20.32266  (19011808)                435495.27
3710855.87       19.82405  (21011706)
        435489.67   3710816.88       19.22868  (18021524)                435484.08
3710777.89       19.03803  (18012708)
        435478.48   3710738.90       18.75837  (18012708)                435472.89
3710699.91       18.15323  (18031607)
        435467.29   3710660.92       18.08808  (19010608)                435967.24
3711884.12       23.14579  (19120804)
        436207.69   3711246.88       33.61714  (20030803)                436113.01
3711283.43       28.15047  (21101622)
        436027.25   3711334.86       25.81085  (21101622)                435941.49
3711386.29       24.32167  (21101622)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 330
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
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, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435855.73   3711437.72   24.23614 (21101622)   435769.97
3711489.16   24.92569 (21101622)
        435684.21   3711540.59   23.56523 (21101622)   436976.59
3710831.32   119.57131 (21020622)
        436963.10   3710877.99   122.08014 (21020622)   436925.91
3710862.92   135.66677 (20070405)
        436980.21   3710926.56   113.14596 (17102803)   436942.21
3710924.20   116.02332 (17100222)
        436908.75   3710910.64   116.87144 (20101803)   436967.77
3710973.29   108.83937 (20120702)
        436925.55   3710970.67   106.00650 (17100222)   436888.37
3710955.61   101.40603 (20070405)
        436976.14   3711021.32   105.72542 (20120702)   436953.53
3711019.92   97.60627 (19071305)
        436908.29   3711017.11   93.53563 (17100222)   436868.45
3711000.97   90.37923 (20101803)
        436851.23   3710986.24   94.38375 (20070405)   436834.01
3710971.50   92.86177 (20051605)
        436930.23   3711065.98   89.94521 (18101320)   436850.83
3711048.29   71.45440 (20101803)
        436818.68   3711020.79   77.72273 (20070405)   436892.46
3711111.14   78.25311 (18101320)
        436831.25   3711093.95   64.71060 (19082401)   436797.50
3711065.07   68.95512 (20070405)
        436763.75   3711036.20   67.51431 (21111806)   436990.56
3711164.74   77.80350 (19120806)
        436811.82   3711139.73   61.14581 (19082401)   436794.29
3711124.73   60.10588 (20070405)
        436776.75   3711109.73   65.20003 (20070405)   436759.22
3711094.73   64.98631 (20051605)
        436741.69   3711079.72   62.33442 (19041722)   436985.96
3711211.96   71.14032 (19120806)
        436876.35   3711205.15   61.78345 (18101320)   436832.50
3711202.43   54.91932 (17100222)
        436793.89   3711186.79   57.48176 (20101803)   436760.51
3711158.23   59.69370 (20070405)

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        436727.13   3711129.67       58.97638  (21120223)               436693.75
3711101.11       57.76871  (19041722)
        436972.76   3711258.65       67.25189  (19120806)               436950.14
3711257.25       66.98383  (19120806)
        436927.52   3711255.84       64.94736  (20120702)               436904.90
3711254.44       58.89423  (20120702)
        436882.28   3711253.03       58.39733  (18101320)               436859.66
3711251.63       55.63701  (18101320)
        436837.05   3711250.22       52.27587  (19071305)               436740.15
3711203.21       55.09989  (20070405)
        436722.93   3711188.48       56.57602  (20051605)               436705.71
3711173.75       55.39045  (21120223)
        436688.49   3711159.02       54.44927  (20092402)               436671.27
3711144.28       55.48994  (19041722)
        436636.83   3711114.82       54.99266  (19120804)               436955.44
3711352.59       55.49559  (19120806)
        436910.73   3711349.81       51.34818  (20120702)               436866.03
3711347.04       45.25921  (18101320)
        436821.32   3711344.26       47.80299  (19071305)               436686.20
3711281.86       49.37247  (20070405)
        436652.16   3711252.74       48.56735  (21120223)               436618.13
3711223.62       48.94624  (19041722)
        436584.09   3711194.50       48.23334  (20070301)               437049.21
3711453.43       45.48178  (19021501)
        436916.22   3711445.17       43.70405  (19120806)               436871.88
3711442.42       43.61518  (20120702)
        436827.55   3711439.66       41.00104  (19070105)               436783.22
3711436.91       42.58918  (19071305)
        436615.47   3711346.15       43.68485  (20051605)               436581.72
3711317.28       42.82894  (19041722)
        436547.97   3711288.40       41.73982  (19112623)               436514.22
3711259.52       42.11929  (19120804)
        436480.47   3711230.65       40.98774  (18070905)               437093.71
3711551.21       47.92315  (20121401)
        437070.68   3711549.78       47.41784  (20121401)               437047.65
3711548.35       50.19103  (19021501)
        437024.62   3711546.92       50.66936  (19021501)               436886.44
3711538.34       38.97999  (19120806)
        436863.41   3711536.91       38.97987  (20120702)               436840.38
3711535.48       38.61407  (20120702)
        436817.35   3711534.05       36.51808  (17102803)               436794.32
3711532.62       37.54437  (19070105)
        436771.30   3711531.19       38.13426  (19071305)               436626.58
3711480.46       36.14900  (19082401)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	38.58678	(21120223)	436538.91	3711405.46	36.67580	(21070203)
436521.38	3711390.46	38.60327	(19041722)	436503.85	3711375.46	37.93106	(19041722)
436486.32	3711360.46	37.51675	(20070301)	436468.78	3711345.46	37.90018	(20070301)
436451.25	3711330.46	36.95139	(19120804)	436433.72	3711315.46	37.15114	(18070905)
436416.18	3711300.46	35.86873	(18070905)	437208.16	3711550.97	31.51780	(19120802)
437166.02	3711650.72	44.59367	(20081206)	437143.22	3711649.30	45.76026	(20081206)
437120.42	3711647.89	46.79204	(20121401)	437097.62	3711646.47	46.91720	(20121401)
437074.82	3711645.05	43.00704	(20121401)	437052.02	3711643.64	41.29843	(19021501)
437029.22	3711642.22	41.20281	(19021501)	437006.42	3711640.81	39.44251	(19021501)
436846.83	3711630.89	34.66752	(20120702)	436824.03	3711629.48	35.54201	(20120702)
436801.23	3711628.06	34.08690	(20120702)	436778.43	3711626.65	34.53086	(19070105)
436755.63	3711625.23	34.55042	(19070105)	436732.83	3711623.81	35.12250	(19071305)
436572.20	3711558.75	31.05850	(20070405)	436537.49	3711529.05	34.70074	(20070405)
436502.77	3711499.35	34.51568	(21120223)	436485.41			

3711484.49 33.02576 (21070203)
436468.06 3711469.64 34.56391 (19041722) 436450.70
3711454.79 33.98854 (19041722)
436433.34 3711439.94 32.97402 (20070301) 436415.98
3711425.09 33.69949 (20070301)
436398.63 3711410.24 34.32053 (19120804) 436381.27
3711395.39 33.24695 (19120804)
436363.91 3711380.54 32.20970 (18070905) 436346.55
3711365.69 31.41738 (19050206)
436329.20 3711350.84 33.53000 (21090701) 437211.62
3711653.55 35.51261 (19120802)
437233.95 3711647.59 31.68732 (19120802) 437214.79
3711748.76 31.06727 (19120802)
437192.17 3711747.36 35.44890 (19072204) 437169.55
3711745.95 38.66728 (20081206)
437146.93 3711744.55 40.87215 (20081206) 437124.32
3711743.14 42.50947 (20121401)
437101.70 3711741.74 42.98804 (20121401) 437079.08
3711740.33 40.96553 (20121401)
437056.46 3711738.93 38.88703 (19021501) 437033.84
3711737.53 39.86242 (19021501)
437011.22 3711736.12 38.56817 (19021501) 436988.60
3711734.72 34.89238 (19021501)
436965.98 3711733.31 32.32852 (18061301) 436852.89
3711726.29 32.24564 (19120806)
436830.27 3711724.88 31.73632 (19120806) 436807.65
3711723.48 32.44180 (20120702)
436785.04 3711722.07 31.56913 (20120702) 436762.42
3711720.67 30.76073 (17102803)
436739.80 3711719.26 30.94512 (19070105) 436717.18
3711717.86 30.37291 (19071305)
436500.77 3711622.44 31.29821 (20070405) 436483.55
3711607.71 31.45809 (20051605)
436466.33 3711592.97 31.33119 (21120223) 436449.11
3711578.24 30.91479 (21120223)
436431.89 3711563.51 29.77289 (21070203) 436414.67
3711548.77 31.14970 (19041722)
436397.45 3711534.04 30.55203 (19041722) 436380.23
3711519.31 29.25656 (19112623)
436363.01 3711504.58 30.93991 (19120804) 436345.79
3711489.84 32.03354 (19120804)
436328.57 3711475.11 31.51435 (19120804) 436311.35
3711460.38 29.45225 (19120804)
436294.13 3711445.64 28.56655 (18070905) 436276.91
3711430.91 29.30368 (21090701)
436259.69 3711416.18 31.59871 (21090701) 436139.16
3711313.05 31.97938 (20030803)
437237.41 3711750.17 27.68887 (19120802) 437259.74
3711744.21 25.65195 (19120802)
437240.72 3711845.39 26.64464 (19120802) 437218.25

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437150.83   3711839.81   31.91357 (19082904)   437128.36
3711838.41   34.57447 (20121401)
        437105.89   3711837.02   36.65806 (20121401)   437083.41
3711835.62   37.53194 (20121401)
        437060.94   3711834.22   36.92548 (21082303)   437038.47
3711832.83   38.15052 (19021501)
        437016.00   3711831.43   38.68924 (19021501)   436993.52
3711830.04   37.27708 (19021501)
        436971.05   3711828.64   33.57466 (19021501)   436948.58
3711827.25   31.17129 (18061301)
        436813.74   3711818.87   29.16309 (19120806)   436791.27
3711817.48   29.33751 (20120702)
        436768.80   3711816.08   29.08314 (20120702)   436746.32
3711814.69   27.56440 (17102803)
        436723.85   3711813.29   27.73375 (19070105)   436701.38
3711811.89   27.83379 (19070105)
        436678.91   3711810.50   27.92719 (19071305)   436446.78
3711701.06   28.36189 (20070405)

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        436412.57   3711671.78       28.33903  (21120223)               436378.35
3711642.50       27.31475  (21111806)
        436361.24   3711627.87       28.18125  (19041722)               436327.02
3711598.59       26.77376  (19112623)
        436292.81   3711569.32       29.47069  (19120804)               436258.59
3711540.04       28.09814  (19120804)
        436224.37   3711510.76       25.61307  (19050206)               436190.15
3711481.49       29.13875  (21090701)
        436173.04   3711466.85       29.37166  (21090701)               436053.28
3711364.39       29.67283  (20030803)
        437263.20   3711846.79       24.25439  (19120802)               437285.53
3711840.83       22.54389  (19120802)
        437265.95   3711941.97       28.15159  (19120802)               437242.92
3711940.54       29.79261  (19120802)
        437219.89   3711939.11       29.27344  (19082902)               437196.86
3711937.68       29.07124  (19072204)
        437173.83   3711936.25       29.63611  (19082904)               437150.80
3711934.82       31.59830  (20121401)
        437127.77   3711933.39       35.03012  (20121401)               437104.74
3711931.96       36.48790  (20121401)
        437081.72   3711930.53       35.73921  (20121401)               437058.69
3711929.10       34.26469  (21082303)
        437035.66   3711927.67       35.07969  (19021501)               437012.63
3711926.24       35.88655  (19021501)
        436989.60   3711924.81       35.03425  (19021501)               436966.57
3711923.38       32.64082  (19021501)
        436943.54   3711921.95       30.64956  (18061301)               436920.51
3711920.52       29.06609  (18061301)
        436782.33   3711911.94       26.30018  (20120702)               436759.30
3711910.51       26.96399  (20120702)
        436736.27   3711909.08       26.21018  (20120702)               436713.24
3711907.65       25.27521  (17102803)
        436690.21   3711906.22       25.41573  (19070105)               436667.18
3711904.79       25.17924  (18101320)
        436406.27   3711791.20       27.01379  (20070405)               436388.74
3711776.20       26.83584  (20051605)
        436371.20   3711761.20       26.47356  (20051605)               436353.67
3711746.20       25.70246  (21120223)
        436336.14   3711731.20       26.65830  (21111806)               436318.61
3711716.20       26.94748  (21111806)
        436301.07   3711701.20       26.28641  (21111806)               436283.54
3711686.19       25.21972  (19041722)
        436266.01   3711671.19       24.79327  (19120804)               436248.47
3711656.19       26.79477  (19120804)
        436230.94   3711641.19       27.74584  (19120804)               436213.41
3711626.19       27.49097  (19120804)
        436195.88   3711611.19       26.01734  (19120804)               436178.34
3711596.19       24.62532  (18070905)
        436160.81   3711581.19       23.66493  (19050206)               436143.28
3711566.19       25.61833  (21090701)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	33.71591	(21091105)	437108.94	3712027.24	33.31118	(20121401)
437086.07	3712025.82	32.73918	(20121401)	437063.20	3712024.40	30.98178	(20121401)
437040.33	3712022.98	30.75395	(19021501)	437017.46	3712021.56	30.98028	(19021501)
436994.59	3712020.14	29.84800	(19021501)	436971.72	3712018.72	27.35349	(19021501)
436948.85	3712017.30	24.17767	(20050503)	436925.98			

3712015.88 24.47435 (18061301)
436903.11 3712014.45 24.04722 (18061301) 436743.02
3712004.51 24.86277 (20120702)
436720.15 3712003.09 24.60533 (20120702) 436697.28
3712001.67 23.22673 (20120702)
436674.41 3712000.25 23.05977 (17102803) 436651.54
3711998.83 23.78888 (18101320)
436628.67 3711997.41 24.41875 (18101320) 436352.17
3711869.72 28.62003 (20070405)
436334.76 3711854.82 28.08913 (20051605) 436317.34
3711839.92 27.48185 (20051605)
436299.93 3711825.03 27.23907 (21111806) 436282.52
3711810.13 28.47088 (21111806)
436265.11 3711795.23 29.07290 (21111806) 436247.70
3711780.34 28.59433 (21111806)
436230.29 3711765.44 27.09402 (21111806) 436212.88
3711750.54 27.21476 (19120804)
436195.47 3711735.65 29.27913 (19120804) 436178.06
3711720.75 30.58560 (19120804)
436160.64 3711705.86 30.19791 (19120804) 436143.23
3711690.96 29.08398 (19120804)
436125.82 3711676.06 26.45639 (19120804) 436108.41
3711661.17 23.26595 (19120804)
436091.00 3711646.27 24.52529 (21090701) 436073.59
3711631.37 25.90651 (21090701)
436056.18 3711616.48 26.98909 (21090701) 436038.77
3711601.58 28.01007 (21090701)
436021.36 3711586.68 28.66134 (21031805) 435882.07
3711467.51 27.81014 (20030803)
437337.10 3712034.06 20.73820 (21020924) 437295.09
3712133.81 27.69384 (18120724)
437272.36 3712132.40 28.67220 (18052306) 437249.62
3712130.99 28.68747 (18052306)
437226.89 3712129.58 28.43901 (19082902) 437204.15
3712128.17 29.04516 (20081206)
437181.42 3712126.76 30.72060 (20081206) 437158.68
3712125.34 31.08792 (20081206)
437135.95 3712123.93 31.39426 (21091105) 437113.21
3712122.52 31.12971 (20121401)
437090.48 3712121.11 30.59245 (20121401) 437067.74
3712119.70 28.86397 (20121401)
437045.01 3712118.28 27.74328 (21082303) 436999.54
3712115.46 26.90277 (19021501)
436976.81 3712114.05 24.93759 (19021501) 436954.07
3712112.64 22.45343 (19021501)
436931.34 3712111.22 22.59155 (20050503) 436908.60
3712109.81 22.86267 (18061301)
436885.87 3712108.40 22.18851 (18061301) 436863.13
3712106.99 22.10645 (20091402)
436840.40 3712105.58 22.29989 (21121219) 436726.73

3712098.52   22.96817 (20120702)
        436703.99   3712097.10   23.10168 (20120702)   436681.26
3712095.69   22.26463 (20120702)
        436658.52   3712094.28   21.39953 (17102803)   436635.79
3712092.87   21.72171 (18101320)
        436613.05   3712091.46   22.55251 (18101320)   436590.32
3712090.05   22.69524 (18101320)
        436476.64   3712082.99   21.16392 (17100222)   436436.60
3712066.77   21.47505 (20101803)
        436298.14   3711948.30   25.90383 (20070405)   436280.83
3711933.49   26.31430 (20051605)
        436263.52   3711918.68   25.97418 (20051605)   436246.21
3711903.87   26.32312 (21111806)
        436228.91   3711889.06   27.35490 (21111806)   436211.60
3711874.26   27.85940 (21111806)
        436194.29   3711859.45   27.19966 (21111806)   436176.98
3711844.64   25.82201 (21111806)
        436159.67   3711829.83   25.37055 (19120804)   436142.37
3711815.02   27.52276 (19120804)
        436125.06   3711800.21   28.86820 (19120804)   436107.75
3711785.41   29.29150 (19120804)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        436090.44   3711770.60       28.76515  (19120804)                436073.13
3711755.79       27.32243  (19120804)
        436055.83   3711740.98       25.15835  (19120804)                436038.52
3711726.17       24.33739  (21090701)
        436021.21   3711711.36       26.84075  (21090701)                436003.90
3711696.56       28.63015  (21090701)
        435986.59   3711681.75       29.57998  (21090701)                435969.29
3711666.94       29.50592  (21090701)
        435951.98   3711652.13       29.46355  (21090424)                435830.82
3711548.47       28.74024  (20030803)
        435796.21   3711518.86       25.32592  (20030803)                437340.56
3712136.64       25.08574  (21020924)
        437343.73   3712231.85       25.11721  (21020924)                437298.49
3712229.04       26.52780  (18052306)
        437275.87   3712227.64       26.96613  (18052306)                437253.25
3712226.23       26.68391  (18052306)
        437230.64   3712224.83       26.55016  (19082902)                437208.02
3712223.42       27.12745  (20081206)
        437185.40   3712222.02       28.42105  (20081206)                437162.78
3712220.61       28.92514  (20081206)
        437140.16   3712219.21       29.33252  (21091105)                437117.54
3712217.80       29.47798  (20121401)
        437094.92   3712216.40       29.27418  (20121401)                437072.31
3712214.99       28.10339  (20121401)
        437049.69   3712213.59       26.94620  (21082303)                437004.45
3712210.78       25.96555  (19021501)
        436959.21   3712207.97       21.84088  (19021501)                436936.59
3712206.57       21.04096  (20050503)
        436913.98   3712205.16       21.07225  (18061301)                436891.36
3712203.76       21.17207  (18061301)
        436868.74   3712202.35       20.38600  (18061301)                436846.12
3712200.95       20.44760  (20091402)
        436823.50   3712199.54       20.62213  (21121219)                436710.41
3712192.52       21.44260  (20120702)
        436687.79   3712191.11       21.73447  (20120702)                436665.17
3712189.71       21.19552  (20120702)
        436642.55   3712188.31       19.84515  (17102803)                436619.93
3712186.90       20.00735  (17102803)
        436597.31   3712185.50       20.31335  (19070105)                436574.70
3712184.09       20.38903  (18101320)
        436552.08   3712182.69       20.40209  (19071305)                436529.46
3712181.28       20.61284  (19071305)
        436506.84   3712179.88       20.06503  (19071305)                436484.22
3712178.47       19.75711  (21060824)
        436461.60   3712177.07       19.57775  (17100222)                436438.98
3712175.66       19.96341  (17100222)
        436399.15   3712159.53       19.91890  (20101803)                436381.93
3712144.79       20.44970  (20101803)
        436364.71   3712130.06       20.22188  (20101803)                436347.49
3712115.33       20.09634  (19082401)
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        436330.27   3712100.59       19.44285  (19082401)                436313.05
3712085.86       18.21493  (19082401)
        436295.83   3712071.13       19.84703  (20070405)                436278.61
3712056.40       21.21618  (20070405)
        436261.39   3712041.66       21.86453  (20070405)                436244.17
3712026.93       21.63924  (20051605)
        436226.95   3712012.20       21.44637  (20051605)                436209.73
3711997.46       20.76116  (21120223)
        436192.51   3711982.73       20.35530  (21111806)                436175.29
3711968.00       21.00461  (21111806)
        436158.07   3711953.27       21.33089  (21111806)                436140.85
3711938.53       21.25929  (21111806)
        436123.63   3711923.80       21.01929  (21111806)                436106.41
3711909.07       21.09946  (19120804)
        436089.19   3711894.33       23.68289  (19120804)                436071.97
3711879.60       25.17121  (19120804)
        436054.75   3711864.87       25.82831  (19120804)                436037.53
3711850.14       25.67226  (19120804)
        436020.31   3711835.40       25.07358  (19120804)                436003.09
3711820.67       23.90499  (19120804)
        435985.87   3711805.94       21.95268  (18070905)                435968.65
3711791.20       23.20968  (21090701)
        435951.43   3711776.47       25.31049  (21090701)                435934.21
3711761.74       26.88520  (21090701)
        435916.99   3711747.01       27.52881  (21090701)                435899.77
3711732.27       27.28207  (21090701)
        435882.55   3711717.54       27.52649  (21090424)                435865.34
3711702.81       27.57507  (21031805)
        435727.58   3711584.95       24.52845  (20030803)                435710.36
3711570.21       24.25295  (21101622)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436970.60	3710769.10	117.09374	(21121316)	436955.72	3710755.71	161.01815	(20012624)
436964.65	3710655.98	196.17782	(17091907)	437021.21	3710584.54	388.48186	(19020217)
437018.23	3710502.68	337.32307	(21120204)	437036.09	3710435.70	334.72841	(17011216)
437094.14	3710349.37	200.00520	(17022717)	437061.39	3710282.39	89.78615	(19020216)
437037.58	3710213.93	77.00263	(20122418)	437036.09	3710167.79	76.75316	(19012319)
437070.32	3710115.69	34.89025	(19020216)	437123.91	3710072.53	38.51339	(17022717)
437222.14	3710135.04	43.67652	(18120916)	437186.42	3710196.07	57.82371	(18120916)
437176.00	3710245.18	80.48391	(18120916)	437195.35	3710271.98	108.30127	(20090918)
437262.33	3710316.63	125.48909	(20041418)	437296.56	3710364.26	118.71188	(20041418)
437295.07	3710425.28	132.81380	(21021017)	437305.49	3710466.96	143.60642	(18121016)
437274.24	3710557.75	255.12738	(21101617)	437244.47	3710642.59	243.97267	(17070719)
437260.84	3710791.43	98.75627	(21021920)	437210.23	3710813.76	99.31454	(20022307)
437162.60	3710772.08	125.82424	(20122620)	437001.86	3710778.03	119.56850	(19021217)
436979.53	3710783.99	98.44944	(20021921)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238

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, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437003.71   3710828.00       47.97792  (20012624)               437026.67
3710827.15       49.31737  (20053122)
        437049.64   3710826.30       53.07838  (20053122)               437072.60
3710825.45       58.67067  (21020622)
        437095.56   3710824.60       65.52905  (21020622)               437118.52
3710823.75       72.94228  (19090606)
        437141.49   3710822.90       86.35885  (19021217)               437164.45
3710822.05      111.00452  (19021217)
        437005.56   3710877.96       50.90711  (21120223)               437028.52
3710877.11       50.20072  (20101803)
        437051.48   3710876.26       53.43832  (21020622)               437074.45
3710875.41       57.40092  (21020622)
        437097.41   3710874.56       62.42441  (19090606)               437120.37
3710873.71       68.47679  (19090606)
        437143.34   3710872.86       76.25214  (19091402)               437166.30
3710872.01       84.25710  (19091402)
        437007.41   3710927.93       50.77577  (20051605)               437030.37
3710927.08       53.74879  (20101803)
        437053.33   3710926.23       53.86487  (21020622)               437076.30
3710925.38       55.33308  (19090606)
        437099.26   3710924.53       59.01310  (19090606)               437122.22
3710923.68       63.47782  (19091402)
        437145.19   3710922.83       69.47718  (19091402)               437168.15
3710921.98       72.84671  (21090723)
        437009.26   3710977.89       50.75279  (20101803)               437032.22
3710977.04       53.93390  (20101803)
        437055.18   3710976.19       53.19171  (17102803)               437078.15
3710975.34       52.91072  (19090606)
        437101.11   3710974.49       54.80295  (18111719)               437124.07
3710973.64       59.27279  (19091402)
        437147.04   3710972.79       61.46304  (20092722)               437170.00
3710971.94       65.18686  (21090723)
        437011.11   3711027.86       50.04424  (20101803)               437034.07
3711027.01       52.71798  (19071305)
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        437057.03   3711026.16       51.62216  (17102803)                437080.00
3711025.31       50.60435  (21121219)
        437102.96   3711024.46       53.29565  (21121219)                437125.92
3711023.61       56.22322  (20092722)
        437148.88   3711022.76       57.99444  (21090703)                437171.85
3711021.91       60.38484  (21090723)
        437012.96   3711077.82       48.00208  (18101320)                437035.92
3711076.97       51.76327  (19071305)
        437058.88   3711076.12       56.15068  (20120702)                437081.85
3711075.27       57.64810  (19120806)
        437104.81   3711074.42       54.86505  (21121219)                437127.77
3711073.57       54.68414  (21090703)
        437150.73   3711072.72       54.99710  (19092301)                437173.70
3711071.87       56.78310  (19092301)
        437014.81   3711127.79       47.19365  (18101320)                437037.77
3711126.94       48.64018  (18101320)
        437060.73   3711126.09       54.10212  (20120702)                437083.70
3711125.24       56.97016  (19120806)
        437106.66   3711124.39       56.05638  (21121219)                437129.62
3711123.54       52.05278  (21090703)
        437152.58   3711122.69       49.91249  (19092301)                437175.55
3711121.84       51.11877  (17010717)
        437016.66   3711177.76       45.25519  (18101320)                437039.62
3711176.91       47.93097  (20120702)
        437062.58   3711176.06       50.62125  (20120702)                437085.54
3711175.21       53.36967  (19120806)
        437108.51   3711174.36       52.87239  (18061301)                437131.47
3711173.51       51.28078  (20050503)
        437154.43   3711172.66       48.61074  (19092301)                437177.40
3711171.81       48.71901  (17010717)
        437018.51   3711227.72       44.96068  (20120702)                437041.47
3711226.87       46.78991  (20120702)
        437064.43   3711226.02       47.80176  (19120806)                437087.39
3711225.17       48.75813  (18061301)
        437110.36   3711224.32       51.94891  (18061301)                437133.32
3711223.47       50.22403  (20050503)
        437156.28   3711222.62       45.39095  (19092301)                437179.25
3711221.77       44.28320  (17010717)
        437020.36   3711277.69       44.92487  (20120702)                437043.32
3711276.84       46.26659  (19120806)
        437066.28   3711275.99       46.23228  (19120806)                437089.24
3711275.14       47.67917  (18061301)
        437112.21   3711274.29       49.38880  (19021501)                437135.17
3711273.44       48.26025  (19021501)
        437158.13   3711272.59       43.02889  (19092301)                437181.10
3711271.74       41.20599  (17010717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	41.24716	(19120806)	437047.02	3711376.77	40.78314	(21121219)
437069.98	3711375.92	41.75659	(18061301)	437092.94	3711375.07	43.08440	(18061301)
437115.91	3711374.22	45.00359	(19021501)	437138.87	3711373.37	45.17759	(19021501)
437161.83	3711372.52	40.94517	(19092301)	437184.79	3711371.67	36.89618	(17010717)
437027.75	3711477.55	36.73381	(19120806)	437050.72	3711476.70	37.06984	(18061301)
437073.68	3711475.85	36.72918	(20050503)	437096.64	3711475.00	36.73434	(20050503)
437119.61	3711474.15	36.25217	(19021501)	437142.57	3711473.30	36.46787	(19092301)
437165.53	3711472.45	35.56516	(19092301)	437188.49	3711471.60	33.11218	(17010717)
437031.45	3711577.48	29.23928	(18061301)	437054.42	3711576.63	32.51576	(18061301)
437077.38	3711575.78	35.76526	(19021501)	437100.34	3711574.93	38.81785	(19021501)
437123.30	3711574.08	38.07458	(19021501)	437146.27	3711573.23	34.61474	(19092301)
437169.23	3711572.38	33.71061	(20121401)	437192.19	3711571.53	33.48694	(20091303)
437035.15	3711677.41	26.04027	(18061301)	437058.11			

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3711676.56       27.86393  (19021501)
        437081.08   3711675.71       32.10591  (19021501)                437104.04
3711674.86       34.91616  (19021501)
        437127.00   3711674.01       35.65441  (19021501)                437149.97
3711673.16       34.92120  (21082303)
        437172.93   3711672.31       37.67986  (20121401)                437195.89
3711671.46       37.61112  (20121401)
        437038.85   3711777.35       27.27885  (18061301)                437061.81
3711776.50       29.66052  (19021501)
        437084.78   3711775.65       31.99698  (19021501)                437107.74
3711774.80       33.41174  (19021501)
        437130.70   3711773.95       33.08648  (19021501)                437153.67
3711773.10       33.26501  (20121401)
        437176.63   3711772.25       34.57516  (20121401)                437199.59
3711771.40       33.71272  (20121401)
        437042.55   3711877.28       28.15473  (19021501)                437065.51
3711876.43       30.04992  (19021501)
        437088.48   3711875.58       30.90196  (19021501)                437111.44
3711874.73       30.61157  (19021501)
        437134.40   3711873.88       29.37806  (21082303)                437157.36
3711873.03       29.56297  (20121401)
        437180.33   3711872.18       30.10896  (20121401)                437203.29
3711871.33       30.22700  (20121401)
        437046.25   3711977.21       26.18955  (19021501)                437069.21
3711976.36       27.55433  (19021501)
        437092.17   3711975.51       28.04709  (19021501)                437115.14
3711974.66       28.14739  (19021501)
        437138.10   3711973.81       28.23246  (21082303)                437161.06
3711972.96       28.82757  (20121401)
        437184.03   3711972.11       29.18590  (20121401)                437206.99
3711971.26       29.23921  (20121401)
        437049.95   3712077.14       23.85250  (19021501)                437072.91
3712076.29       25.22790  (19021501)
        437095.87   3712075.44       25.39240  (19021501)                437118.84
3712074.59       24.73262  (19021501)
        437141.80   3712073.74       24.99276  (21082303)                437164.76
3712072.89       27.55729  (20121401)
        437187.73   3712072.04       28.46863  (20121401)                437210.69
3712071.19       28.31835  (20121401)
        437053.65   3712177.07       23.32727  (19021501)                437076.61
3712176.22       24.06887  (19021501)
        437099.57   3712175.37       24.20883  (19021501)                437122.54
3712174.52       23.92588  (21082303)
        437145.50   3712173.67       24.65066  (20121401)                437168.46
3712172.82       25.89297  (20121401)
        437191.42   3712171.97       26.44977  (20121401)                437214.39
3712171.12       26.61759  (21091105)
        437057.35   3712277.00       22.52197  (19021501)                437080.31
3712276.15       22.77646  (19021501)
        437103.27   3712275.30       22.47777  (19021501)                437126.24
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437177.30   3710851.39   101.95258 (19021217)   437096.75
3710847.33   63.75012 (21020622)
        437079.70   3710898.86   57.07862 (21121618)   437062.65
3710950.38   53.68420 (17102803)
        437045.60   3711001.90   53.32660 (19071305)   436965.04
3710997.84   43.29763 (20070405)
        436932.11   3711035.47   38.92692 (20070405)   436963.86
3711063.26   40.50706 (20101803)
        436899.18   3711073.10   34.62119 (21111806)   436930.94
3711100.89   36.65883 (20070405)
        436866.26   3711110.73   27.63350 (21111806)   436898.01
3711138.51   29.75687 (20070405)
        436833.33   3711148.35   23.80875 (21111806)   436865.08
3711176.14   25.32671 (20070405)
        436767.48   3711223.61   20.93748 (20092402)   436799.23
3711251.40   22.03859 (20051605)

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        436701.62   3711298.86       19.05512  (20092402)                436733.38
3711326.65       19.54740  (20051605)
        436635.77   3711374.12       17.30467  (20092402)                436667.52
3711401.90       17.38954  (20092402)
        436569.92   3711449.37       15.79513  (20092402)                436601.67
3711477.16       16.14399  (20092402)
        436504.06   3711524.63       14.61169  (20092402)                436535.82
3711552.41       15.04259  (20092402)
        436438.21   3711599.88       13.66984  (21111806)                436469.96
3711627.67       14.03237  (20092402)
        436372.35   3711675.14       13.19066  (21111806)                436404.11
3711702.92       13.46532  (21111806)
        436306.50   3711750.39       14.66950  (21111806)                436338.25
3711778.18       14.91710  (21111806)
        436240.65   3711825.65       15.57183  (21111806)                436272.40
3711853.43       15.90923  (21111806)
        436174.79   3711900.90       13.63781  (21111806)                436206.55
3711928.69       13.24864  (21111806)
        437216.54   3710861.35       97.93192  (17052803)                437247.28
3710852.06      111.42911  (20122620)
        437281.02   3710837.18      120.86569  (19102119)                437236.73
3710907.09       87.90340  (20122620)
        437208.99   3710910.77       86.94491  (17010717)                437157.06
3710894.91       76.78407  (19091402)
        437267.47   3710897.81       98.12221  (17022801)                437301.21
3710882.92      104.06212  (19102119)
        437254.14   3710953.20       79.60389  (19120802)                437220.85
3710957.62       74.75275  (17010717)
        437157.12   3710947.88       66.00746  (20092722)                437287.65
3710943.55       90.13824  (21051801)
        437321.39   3710928.67       90.52948  (19102119)                437275.11
3710998.84       73.64337  (21020924)
        437243.41   3711003.05       69.06017  (19120802)                437211.71
3711007.26       66.45944  (17010717)
        437151.01   3710997.98       58.42728  (20092722)                437307.83
3710989.30       83.32029  (19102119)
        437341.57   3710974.41       75.40028  (19102119)                437293.81
3711044.79       64.73854  (17022801)
        437259.14   3711049.39       59.07341  (19120802)                437224.47
3711053.99       60.14071  (17010717)
        437140.74   3711046.14       56.86779  (21090703)                437328.02
3711035.04       68.47638  (19102119)
        437361.76   3711020.16       63.86795  (20092222)                437314.69
3711090.44       59.60376  (17022801)
        437281.40   3711094.86       53.37580  (19120802)                437248.12
3711099.27       52.19823  (19120802)
        437214.83   3711103.69       55.88700  (17010717)                437134.46
3711096.16       52.13890  (21090703)
        437043.12   3711053.68       53.10013  (20120702)                437348.20
3711080.79       58.60556  (19092304)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3711227.83 46.26934 (19092304)
  437338.39 3711232.57 46.39859 (17022801) 437302.72
3711237.30 41.10549 (19120802)
  437267.06 3711242.03 40.99966 (19120802) 437231.40
3711246.76 42.99116 (20092002)
  437195.73 3711251.50 43.01309 (17010717) 437125.93
3711251.01 50.61425 (19021501)
  437028.06 3711205.50 45.96040 (20120702) 436995.44
3711190.33 43.76371 (18101320)
  436962.82 3711175.16 39.51588 (18101320) 436930.20
3711159.99 33.24393 (18101320)
  437408.75 3711218.02 44.01479 (20092222) 437442.49
3711203.14 46.12807 (20092405)
  437394.73 3711273.51 43.27461 (19102119) 437360.06
3711278.11 44.26059 (17022801)
  437325.38 3711282.71 41.51746 (21020924) 437290.71
3711287.32 36.71399 (19120802)
  437256.04 3711291.92 40.07541 (19120802) 437221.37
3711296.52 40.47996 (17010717)
  437186.69 3711301.12 39.80468 (17010717) 437152.02
3711305.72 44.04397 (19092301)
  437118.83 3711300.65 48.13469 (19021501) 437007.82
3711249.03 44.49032 (20120702)
  436976.11 3711234.28 41.24450 (18101320) 436944.39
3711219.53 36.08042 (18101320)
  436912.68 3711204.78 29.23028 (18101320) 437428.94
3711263.77 43.09755 (20092222)
  437462.68 3711248.88 46.77374 (20092405) 437434.91
3711365.03 42.48627 (19102119)
  437399.88 3711369.68 40.85973 (19092304) 437364.84
3711374.33 39.20544 (19011723)
  437329.80 3711378.98 35.35537 (21020924) 437294.76
3711383.62 33.19895 (19120802)
  437259.73 3711388.27 35.64445 (19120802) 437224.69
3711392.92 35.59414 (17010717)
  437189.65 3711397.57 35.34220 (17010717) 437154.61
3711402.22 40.75286 (19092301)
  437103.55 3711399.42 42.66345 (19021501) 437007.40
3711354.71 41.45636 (19120806)
  436975.35 3711339.81 37.95033 (20120702) 436943.30
3711324.90 35.62278 (18101320)
  436911.25 3711310.00 29.28448 (18101320) 436879.21
3711295.10 24.43176 (20101803)
  436847.16 3711280.19 22.41420 (20070405) 437469.30
3711355.26 43.06016 (20092222)
  437503.04 3711340.37 45.58348 (20012324) 437475.15
3711456.54 39.57866 (19102119)
  437439.85 3711461.22 38.37997 (19102119) 437404.54
3711465.90 37.84348 (21051801)
  437369.24 3711470.59 35.89569 (19011723) 437333.94

3711475.27   32.13143 (21020924)
        437298.63   3711479.96   32.20257 (19120802)   437263.33
3711484.64   31.60490 (19120802)
        437228.03   3711489.33   32.24045 (17010717)   437192.72
3711494.01   33.02205 (17010717)
        437157.42   3711498.70   34.74525 (19092301)   437122.12
3711503.38   34.86805 (19021501)
        437088.32   3711498.22   35.82985 (20050503)   437007.59
3711460.67   37.95970 (19120806)
        436975.30   3711445.66   35.29011 (20120702)   436943.00
3711430.64   29.74956 (18101320)
        436910.71   3711415.63   26.85690 (18101320)   436878.42
3711400.61   23.88958 (18101320)
        436846.13   3711385.59   22.39914 (20101803)   436813.84
3711370.58   21.05659 (19082401)
        436781.55   3711355.56   20.86974 (20070405)   437509.67
3711446.75   40.96471 (21041006)
        437543.41   3711431.86   42.99252 (18122022)   437515.41
3711548.04   35.47866 (20092222)
        437479.91   3711552.75   36.10895 (19102119)   437444.40
3711557.46   34.68902 (19102119)
        437408.90   3711562.17   34.64674 (20091506)   437373.39
3711566.88   31.82962 (19011723)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437417.05   3711754.79       27.68258  (19011723)                437381.26
3711759.54       25.61743  (21020924)
        437345.47   3711764.28       24.07847  (19120802)                437309.68
3711769.03       26.82606  (19120802)
        437273.88   3711773.78       26.22249  (19072204)                437238.09
3711778.53       27.17807  (17010717)
        437094.93   3711797.53       32.77254  (19021501)                437010.03
3711779.44       25.32071  (18061301)
        436977.29   3711764.22       21.42263  (21121219)                436944.55
3711749.00       21.87052  (19120806)
        436911.81   3711733.77       21.28754  (20120702)                436879.08
3711718.55       20.62980  (20120702)
        436846.34   3711703.32       19.58936  (20090502)                436813.60
3711688.10       19.26770  (18101320)
        436780.86   3711672.88       18.61877  (19071305)                436748.12
3711657.65       17.84995  (17100222)
        436715.38   3711642.43       17.82354  (20101803)                436682.65
3711627.20       16.91178  (19082401)
        436649.91   3711611.98       16.22528  (20070405)                436617.17
3711596.76       16.35687  (20070405)
        436584.43   3711581.53       15.82476  (20051605)                437630.77
3711721.22       30.28584  (18122022)
        437664.51   3711706.33       32.40932  (18122022)                437636.32
3711822.54       30.82222  (18080106)
        437600.42   3711827.30       28.19355  (21021001)                437564.53
3711832.06       29.08568  (19102119)
        437528.63   3711836.83       29.21780  (19102119)                437492.73
3711841.59       28.33250  (21051801)
        437456.84   3711846.35       26.78443  (20091506)                437420.94
3711851.12       25.53430  (19011723)
        437385.04   3711855.88       24.33697  (21020924)                437349.15
3711860.64       23.98399  (19120802)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	25.01466	(19120802)	437277.35	3711870.17	24.24440	(19072204)
437241.46	3711874.93	26.93850	(19082904)	437061.98	3711898.75	29.40954	(19021501)
437011.19	3711885.86	25.58186	(18061301)	436978.36	3711870.59	22.97728	(18061301)
436945.52	3711855.33	21.64000	(19120806)	436912.69	3711840.06	20.37602	(19120806)
436879.85	3711824.79	19.63017	(20120702)	436847.02	3711809.52	18.99704	(20120702)
436814.18	3711794.25	18.08431	(20090502)	436781.35	3711778.98	18.16115	(18101320)
436748.52	3711763.71	17.50635	(19071305)	436715.68	3711748.44	16.66173	(17100222)
436682.85	3711733.17	16.62143	(20101803)	436650.01	3711717.91	16.20639	(20101803)
436617.18	3711702.64	15.28554	(19082401)	436584.34	3711687.37	15.35502	(20070405)
436551.51	3711672.10	15.09972	(20051605)	436518.67	3711656.83	14.56564	(20051605)
437671.14	3711812.71	29.20514	(18122022)	437704.88	3711797.82	30.69574	(18122022)
437676.64	3711914.03	26.50028	(21041006)	437640.66	3711918.81	25.98448	(20092222)
437604.67	3711923.58	26.49699	(19102119)	437568.69	3711928.36	27.15233	(19102119)
437532.70	3711933.13	26.43144	(19102119)	437496.72	3711937.91	26.31144	(21051801)
437460.73	3711942.68	24.91107	(19011723)	437424.75	3711947.46	24.16652	(19011723)
437388.77	3711952.23	23.09615	(21020924)	437352.78	3711957.01	23.67902	(19120802)
437316.80	3711961.78	24.01354	(19120802)	437280.81	3711966.56	26.35322	(19072204)
437244.83	3711971.33	29.13272	(20081206)	437012.46	3711992.33	22.80601	(18061301)
436979.54	3711977.02	21.48696	(18061301)	436946.63	3711961.72	19.27770	(21121219)
436913.71	3711946.41	19.16067	(19120806)	436880.80			

3711931.11   19.52869 (19120806)
        436847.88   3711915.80   18.66279 (20120702)   436814.97
3711900.49   17.71562 (20120702)
        436782.05   3711885.19   16.99700 (18101320)   436749.14
3711869.88   17.28261 (18101320)
        436716.22   3711854.57   16.66353 (18101320)   436683.31
3711839.27   15.62499 (17100222)
        436650.39   3711823.96   15.46395 (20101803)   436617.48
3711808.65   15.43020 (20101803)
        436584.56   3711793.35   14.71283 (19082401)   436551.65
3711778.04   14.14780 (20070405)
        436518.73   3711762.74   14.38874 (20070405)   436485.81
3711747.43   14.07354 (20051605)
        436452.90   3711732.12   13.57268 (20051605)   437711.51
3711904.20   28.43186 (18122022)
        437745.25   3711889.31   29.15458 (18122022)   437716.97
3712005.53   24.19614 (21041006)
        437680.91   3712010.31   24.00260 (21041006)   437644.85
3712015.10   23.78849 (21021001)
        437608.79   3712019.88   25.11827 (19102119)   437572.73
3712024.67   24.35049 (19102119)
        437536.67   3712029.45   24.77324 (21051801)   437500.61
3712034.24   24.65240 (21120323)
        437464.55   3712039.02   23.19206 (19011723)   437428.50
3712043.81   22.52563 (21020924)
        437392.44   3712048.59   21.72030 (21020924)   437356.38
3712053.38   21.89324 (19120802)
        437320.32   3712058.16   23.50557 (19082902)   437284.26
3712062.95   26.56874 (20081206)
        437248.20   3712067.73   28.24493 (20081206)   437031.84
3712096.44   21.90598 (19021501)
        436997.32   3712091.17   19.08066 (18061301)   436964.33
3712075.83   17.67425 (18061301)
        436931.35   3712060.49   17.17054 (21121219)   436898.36
3712045.15   17.21567 (19052823)
        436865.38   3712029.81   17.55749 (19120806)   436832.40
3712014.48   17.24646 (20120702)
        436799.41   3711999.14   17.00702 (20120702)   436766.43
3711983.80   16.28903 (20090502)
        436733.45   3711968.46   16.52909 (18101320)   436700.46
3711953.12   16.43697 (18101320)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436667.48   3711937.78   15.63075 (18101320)   436634.49
3711922.45   14.70921 (17100222)
        436601.51   3711907.11   14.63710 (20101803)   436568.53
3711891.77   14.54572 (20101803)
        436535.54   3711876.43   13.96990 (20101803)   436502.56
3711861.09   13.64407 (20070405)
        436469.57   3711845.76   14.17334 (20070405)   436436.59
3711830.42   14.15545 (20070405)
        436403.61   3711815.08   14.58769 (21111806)   436370.62
3711799.74   15.04743 (21111806)
        437751.87   3711995.69   25.23800 (20012324)   437785.61
3711980.81   27.84172 (18122022)
        437757.31   3712097.02   22.11893 (21041006)   437721.18
3712101.82   21.86634 (21041006)
        437685.06   3712106.61   21.39364 (20092222)   437648.94
3712111.40   21.46961 (19102119)
        437612.81   3712116.20   21.57986 (19102119)   437576.69
3712120.99   21.13935 (19102119)
        437540.56   3712125.78   22.72640 (21051801)   437504.44
3712130.58   22.37390 (20091506)
        437468.31   3712135.37   21.40122 (19011723)   437432.19
3712140.16   21.26184 (21020924)
        437396.07   3712144.96   20.58744 (19120802)   437359.94
3712149.75   22.68002 (19120802)
        437323.82   3712154.55   24.82191 (19082902)   437287.69
3712159.34   25.11489 (20081206)
        437251.57   3712164.13   26.14332 (20081206)   437034.82
3712192.89   22.18381 (19021501)
        436982.18   3712190.00   17.49549 (18061301)   436949.13
3712174.64   16.39481 (18061301)

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        436916.09   3712159.27       16.18392  (21121219)              436883.05
3712143.91       16.18329  (19052823)
        436850.01   3712128.54       16.58332  (19120806)              436816.96
3712113.18       16.12875  (20120702)
        436783.92   3712097.81       16.26154  (20120702)              436750.88
3712082.45       15.56830  (20090502)
        436717.83   3712067.08       15.60580  (18101320)              436684.79
3712051.71       16.08209  (18101320)
        436651.75   3712036.35       15.90983  (18101320)              436618.71
3712020.98       15.02821  (18101320)
        436585.66   3712005.62       13.91519  (17100222)              436552.62
3711990.25       14.07690  (20101803)
        436519.58   3711974.89       14.63923  (20101803)              436486.53
3711959.52       14.69820  (20101803)
        436453.49   3711944.15       14.70179  (20070405)              436420.45
3711928.79       15.45629  (20070405)
        436387.41   3711913.42       15.58395  (20070405)              436354.36
3711898.06       15.29896  (21111806)
        436321.32   3711882.69       15.91467  (21111806)              437792.24
3712087.18       24.04944  (20012324)
        437825.98   3712072.30       25.81577  (18122022)              437797.65
3712188.52       21.02008  (21041006)
        437761.47   3712193.32       20.99743  (21041006)              437725.29
3712198.12       20.27145  (20092222)
        437689.11   3712202.92       20.03092  (19102119)              437652.93
3712207.72       20.84105  (19102119)
        437616.75   3712212.52       20.93832  (19102119)              437580.57
3712217.32       20.68906  (21051801)
        437544.38   3712222.12       22.43295  (21120323)              437508.20
3712226.92       21.63331  (20091506)
        437472.02   3712231.73       20.85177  (19011723)              437435.84
3712236.53       20.86697  (21020924)
        437399.66   3712241.33       19.60879  (19120802)              437363.48
3712246.13       22.00305  (19110724)
        437327.30   3712250.93       23.85892  (19082902)              437291.12
3712255.73       24.42373  (20081206)
        437254.94   3712260.53       25.19559  (20081206)              437037.86
3712289.34       21.51819  (19021501)
        437001.68   3712294.14       18.85292  (19021501)              436967.04
3712288.84       17.32345  (18061301)
        436933.95   3712273.46       16.03742  (18061301)              436900.85
3712258.07       15.16422  (21121219)
        436867.76   3712242.68       15.19951  (19052823)              436834.67
3712227.29       15.72940  (19120806)
        436801.57   3712211.90       15.50347  (19120806)              436768.48
3712196.51       15.66739  (20120702)
        436735.38   3712181.12       15.25602  (20120702)              436702.29
3712165.73       14.84966  (18101320)
        436669.19   3712150.34       15.43696  (18101320)              436636.10
3712134.95       15.36676  (18101320)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	14.72754	(18101320)	436569.91	3712104.17	13.69743	(18101320)
436536.82	3712088.78	13.18659	(17100222)	436503.72	3712073.39	13.34186	(20101803)
436470.63	3712058.00	13.09352	(20101803)	436437.54	3712042.61	12.53600	(19082401)
436404.44	3712027.22	12.31014	(20070405)	436371.35	3712011.83	12.84598	(20070405)
436338.25	3711996.44	13.10515	(20070405)	436305.16	3711981.05	13.37144	(20051605)
436272.06	3711965.67	14.14642	(21111806)	436238.97	3711950.28	13.74086	(21111806)
437832.61	3712178.67	22.74425	(20012324)	437866.35	3712163.79	24.19161	(18122022)
437307.35	3710801.18	103.51444	(18080106)	437307.81	3710761.16	107.37261	(18080106)
437305.08	3710736.35	111.18022	(18080106)	437302.36	3710711.54	115.03614	(18080106)
437299.63	3710686.74	118.98564	(18080106)	437296.90	3710661.93	123.61221	(18122022)
437294.17	3710637.12	130.67705	(18122022)	437355.99			

3710800.79 90.39465 (18122022)
437332.06 3710855.22 90.58147 (20012324) 437357.51
3710755.69 91.55032 (18122022)
437354.78 3710730.88 92.93854 (18122022) 437352.06
3710706.08 93.74354 (18122022)
437349.33 3710681.27 94.71944 (17093002) 437346.60
3710656.46 95.22814 (17093002)
437343.87 3710631.66 98.20371 (17072004) 437405.16
3710797.86 66.31554 (17093002)
437400.37 3710820.68 69.43107 (17093002) 437395.58
3710843.51 73.12292 (18122022)
437373.45 3710881.92 81.27739 (18122022) 437356.09
3710897.50 82.46015 (20012324)
437338.74 3710913.08 83.88246 (21041006) 437409.94
3710775.03 63.27410 (17072004)
437407.21 3710750.22 63.02198 (17072004) 437404.48
3710725.42 63.77416 (17072004)
437401.76 3710700.61 65.27535 (17072004) 437399.03
3710675.80 66.11481 (17072004)
437396.30 3710651.00 66.12041 (17072004) 437393.57
3710626.19 65.27316 (17072004)
437454.54 3710793.91 54.12501 (17072004) 437449.43
3710818.26 57.16712 (17072004)
437444.33 3710842.61 55.31819 (17072004) 437439.22
3710866.96 54.56637 (17093002)
437415.61 3710907.92 70.15320 (18122022) 437397.10
3710924.55 75.22538 (18122022)
437378.59 3710941.17 76.59507 (20012324) 437360.08
3710957.79 72.67793 (20092405)
437459.64 3710769.57 49.04084 (17072004) 437456.91
3710744.76 46.35709 (20052306)
437454.18 3710719.95 47.12027 (20031318) 437451.46
3710695.15 48.39480 (18012907)
437448.73 3710670.34 49.27135 (18012907) 437446.00
3710645.53 50.39389 (17021106)
437443.27 3710620.73 51.74300 (17021106) 437504.78
3710785.84 42.02730 (18012907)
437495.67 3710829.32 43.96262 (17072004) 437486.55
3710872.79 49.20662 (17072004)
437460.91 3710931.11 57.64204 (17093002) 437427.86
3710960.79 67.37471 (18122022)
437394.81 3710990.47 71.17064 (20012324) 437506.61
3710739.29 42.92646 (17021106)
437503.88 3710714.49 44.05585 (17021106) 437501.16
3710689.68 44.44634 (17021106)
437498.43 3710664.87 44.53397 (20011318) 437495.70
3710640.07 45.66449 (19122917)
437492.97 3710615.26 47.50925 (19122917) 437554.26
3710781.46 39.83682 (18021605)
437549.47 3710804.28 39.00286 (18021605) 437544.69

3710827.11   39.15313 (21021319)
        437539.90   3710849.94   38.61897 (21021319)   437535.11
3710872.76   38.55168 (19012018)
        437530.33   3710895.59   41.81628 (17072004)   437525.54
3710918.41   44.17429 (17072004)
        437503.41   3710956.82   48.82777 (17072004)   437486.05
3710972.40   50.49368 (17093002)
        437468.70   3710987.99   55.76976 (17093002)   437451.35
3711003.57   59.90031 (18122022)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437434.00   3711019.15   66.17935 (18122022)   437416.65
3711034.74   66.47412 (20012324)
        437399.29   3711050.32   61.12690 (21021002)   437559.04
3710758.63   39.58545 (18021605)
        437556.31   3710733.83   39.93123 (21123118)   437553.59
3710709.02   40.60283 (19122917)
        437550.86   3710684.21   41.87489 (19122917)   437548.13
3710659.41   42.38287 (19122917)
        437545.40   3710634.60   41.97961 (20021618)   437542.67
3710609.79   42.88205 (18122117)
        437603.78   3710776.84   35.83163 (17010218)   437598.82
3710800.51   36.39921 (21123118)

```
        437593.85   3710824.18       36.94449  (18021605)               437588.89
3710847.85       36.74912  (18021605)
        437583.93   3710871.52       36.52691  (21021319)               437578.97
3710895.19       36.48300  (21021319)
        437574.00   3710918.86       35.81757  (21021319)               437569.04
3710942.54       37.27814  (17072004)
        437546.08   3710982.37       42.33912  (17072004)               437528.09
3710998.53       43.33006  (17072004)
        437510.09   3711014.69       43.59354  (21090401)               437492.10
3711030.85       48.75438  (17093002)
        437474.10   3711047.01       53.54425  (18122022)               437456.11
3711063.17       61.28393  (18122022)
        437438.11   3711079.33       62.71252  (20012324)               437420.12
3711095.49       57.88812  (21021002)
        437608.74   3710753.17       36.73308  (19122917)               437606.01
3710728.36       37.43420  (19122917)
        437603.29   3710703.55       37.53288  (19122917)               437600.56
3710678.75       37.74384  (17021119)
        437597.83   3710653.94       38.52106  (18122117)               437595.10
3710629.13       38.83258  (18122117)
        437592.37   3710604.33       39.75766  (18022222)               437653.34
3710772.05       31.87846  (18011921)
        437648.23   3710796.40       30.90972  (17010919)               437643.13
3710820.74       31.10653  (17010919)
        437638.02   3710845.09       32.51133  (18020618)               437632.92
3710869.44       34.12838  (18021605)
        437627.82   3710893.79       34.24697  (18021605)               437622.71
3710918.13       33.75583  (21021319)
        437617.61   3710942.48       33.92076  (21021319)               437612.50
3710966.83       33.46661  (21021319)
        437588.89   3711007.80       36.80566  (17072004)               437570.38
3711024.42       39.32215  (17072004)
        437551.87   3711041.04       39.94399  (17072004)               437533.36
3711057.66       39.29389  (17072004)
        437514.85   3711074.28       42.72030  (17093002)               437496.34
3711090.91       46.50604  (18122022)
        437477.84   3711107.53       55.31857  (18122022)               437459.33
3711124.15       60.19814  (18122022)
        437440.82   3711140.77       54.67752  (20012324)               437658.44
3710747.70       33.06453  (17021119)
        437655.71   3710722.89       34.01002  (17021119)               437652.99
3710698.09       34.71962  (18122117)
        437650.26   3710673.28       34.87688  (18122117)               437647.53
3710648.47       35.12775  (18022222)
        437644.80   3710623.67       36.95470  (18022222)               437642.07
3710598.86       37.77167  (18021904)
        437703.36   3710765.06       24.25498  (18021904)               437698.57
3710787.89       24.57440  (19120917)
        437693.79   3710810.71       24.51539  (19120917)               437689.00
3710833.54       25.19358  (21012218)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	25.25286	(18021904)	437705.41	3710717.43	26.73886	(18021904)
437702.69	3710692.62	28.80716	(18021904)	437699.96			

3710667.81 30.54525 (18021904)
437697.23 3710643.01 31.41480 (18021904) 437694.50
3710618.20 31.09540 (18021904)
437691.77 3710593.39 28.90782 (19020522) 437752.93
3710760.18 23.73707 (18021904)
437748.03 3710783.59 22.90401 (18021904) 437743.12
3710807.00 22.36860 (19120917)
437738.21 3710830.41 22.68555 (19120917) 437733.30
3710853.82 22.55414 (19120917)
437728.39 3710877.23 22.57316 (21012218) 437723.49
3710900.65 23.15817 (17010919)
437718.58 3710924.06 24.48785 (17010919) 437713.67
3710947.47 27.11818 (18020618)
437708.76 3710970.88 29.95075 (18021605) 437703.85
3710994.29 29.49491 (18021605)
437698.94 3711017.70 29.09777 (18012907) 437676.24
3711057.09 29.46541 (18012907)
437658.44 3711073.08 29.71211 (19012018) 437640.65
3711089.06 31.55416 (17072004)
437622.85 3711105.04 34.27974 (17072004) 437605.05
3711121.02 35.47395 (17072004)
437587.25 3711137.01 36.99974 (17072004) 437569.46
3711152.99 39.47671 (17072004)
437551.66 3711168.97 45.65498 (17093002) 437533.86
3711184.95 49.51667 (17093002)
437516.07 3711200.93 51.65333 (18122022) 437498.27
3711216.92 53.64368 (18122022)
437480.47 3711232.90 51.57533 (20012324) 437757.84
3710736.77 24.05342 (18021904)
437755.11 3710711.96 24.37138 (18021904) 437752.39
3710687.15 24.86645 (18021904)
437749.66 3710662.35 25.39835 (18021904) 437746.93
3710637.54 24.92565 (18021904)
437744.20 3710612.73 24.22830 (18011920) 437741.47
3710587.93 23.33872 (18011920)
437852.14 3710750.18 21.56631 (18021904) 437847.03
3710774.53 21.28045 (18021904)
437841.93 3710798.88 20.80429 (18021904) 437836.83
3710823.23 20.39975 (18021904)
437831.72 3710847.57 19.61734 (18021904) 437826.62
3710871.92 19.33157 (19120917)
437821.51 3710896.27 19.77186 (19120917) 437816.41
3710920.62 19.85817 (19120917)
437811.30 3710944.96 19.82420 (21012218) 437806.20
3710969.31 20.10805 (21012218)
437801.09 3710993.66 19.92764 (17010919) 437795.99
3711018.01 20.16771 (17012418)
437790.88 3711042.35 22.02757 (18020618) 437785.78
3711066.70 25.26242 (18021605)
437762.17 3711107.67 26.43208 (18012907) 437743.66

3711124.29   26.76714 (18012907)
        437725.15   3711140.91   27.02280 (20031318)   437706.64
3711157.53   27.64224 (19012018)
        437688.13   3711174.16   31.73496 (17072004)   437669.62
3711190.78   36.84989 (17072004)
        437651.11   3711207.40   39.13799 (17072004)   437632.60
3711224.02   39.82931 (17072004)
        437614.10   3711240.64   38.88316 (17072004)   437595.59
3711257.26   40.78301 (17093002)
        437577.08   3711273.89   44.41703 (17093002)   437558.57
3711290.51   45.93110 (17093002)
        437540.06   3711307.13   47.82350 (18122022)   437521.55
3711323.75   48.08966 (18122022)
        437857.24   3710725.84   21.37839 (18021904)   437854.52
3710701.03   21.13002 (18021904)
        437851.79   3710676.22   20.80608 (19020522)   437849.06
3710651.42   20.55182 (18011920)
        437846.33   3710626.61   19.75515 (18011920)   437843.60
3710601.80   20.26972 (19021521)
        437840.87   3710577.00   20.23311 (19021521)   437951.68
3710738.57   18.71001 (19020522)
        437946.72   3710762.25   19.06604 (18021904)   437941.76
3710785.92   19.64380 (18021904)
        437936.79   3710809.59   19.48065 (18021904)   437931.83
3710833.26   19.10070 (18021904)
        437926.87   3710856.93   18.94832 (18021904)   437921.91
3710880.60   18.85693 (18021904)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437916.94	3710904.27	18.01545	(18021904)	437911.98	3710927.94	17.09237	(18021904)
437907.02	3710951.61	17.25754	(19120917)	437902.05	3710975.29	17.54753	(19120917)
437897.09	3710998.96	17.63389	(19120917)	437892.13	3711022.63	17.87303	(21012218)
437887.17	3711046.30	17.89708	(21012218)	437882.20	3711069.97	17.90155	(17010919)
437877.24	3711093.64	18.21074	(17010919)	437872.28	3711117.31	19.13755	(17012418)
437849.32	3711157.14	24.19104	(18021605)	437831.33	3711173.30	24.42221	(18021605)
437813.33	3711189.46	24.55652	(18012907)	437795.34	3711205.62	24.83108	(18012907)
437777.34	3711221.78	25.02121	(20031318)	437759.35	3711237.94	25.41278	(19012018)
437741.35	3711254.10	27.09790	(17072004)	437723.36	3711270.26	29.22508	(17072004)
437705.36	3711286.42	30.27824	(17072004)	437687.37	3711302.58	31.06313	(17072004)
437669.37	3711318.74	30.89869	(17072004)	437651.38	3711334.90	30.76378	(21090401)
437633.38	3711351.06	33.27253	(17093002)	437615.39	3711367.22	36.28094	(17093002)
437597.39	3711383.38	39.49140	(18122022)	437579.40	3711399.54	42.73532	(18122022)
437561.40	3711415.70	43.66167	(18122022)	437956.64	3710714.90	18.46131	(18011920)
437953.92	3710690.10	18.02224	(18011920)	437951.19	3710665.29	17.50000	(19021521)
437948.46	3710640.48	17.86023	(19021521)	437945.73	3710615.68	17.63427	(19021521)
437943.00	3710590.87	17.23792	(19021718)	437940.27	3710566.06	17.01359	(19021718)
438050.94	3710728.32	17.27553	(18011920)	438045.84	3710752.67	18.01377	(18011920)
438040.73	3710777.01	17.58010	(18011920)	438035.63	3710801.36	17.33057	(18021904)
438030.52	3710825.71	17.70067	(18021904)	438025.42	3710850.06	18.40976	(18021904)
438020.31	3710874.40	18.58951	(18021904)	438015.21	3710898.75	18.44781	(18021904)
438010.10	3710923.10	17.94740	(18021904)	438005.00	3710947.45	17.29656	(18021904)

```
        437999.90   3710971.79       16.43059  (18021904)               437994.79
3710996.14       15.58737  (17122018)
        437989.69   3711020.49       15.88999  (19120917)               437984.58
3711044.84       16.10026  (19120917)
        437979.48   3711069.18       16.02861  (19120917)               437974.37
3711093.53       15.92987  (21012218)
        437969.27   3711117.88       16.07410  (21012218)               437964.16
3711142.23       15.94422  (17010919)
        437959.06   3711166.57       15.95287  (17010919)               437935.45
3711207.54       17.16108  (18121718)
        437916.94   3711224.16       20.16631  (18021605)               437898.43
3711240.79       22.74026  (18021605)
        437879.92   3711257.41       22.84687  (21122720)               437861.41
3711274.03       23.08843  (18012907)
        437842.90   3711290.65       23.10588  (18012907)               437824.39
3711307.27       23.32466  (20031318)
        437805.88   3711323.89       23.61587  (20052306)               437787.37
3711340.52       24.18182  (21051406)
        437768.87   3711357.14       26.32918  (17072004)               437750.36
3711373.76       27.77645  (17072004)
        437731.85   3711390.38       28.53906  (17072004)               437713.34
3711407.00       28.24717  (17072004)
        437694.83   3711423.62       27.86059  (21090401)               437676.32
3711440.25       29.78574  (17093002)
        437657.81   3711456.87       31.97596  (17093002)               437639.30
3711473.49       33.98617  (18122022)
        437620.79   3711490.11       36.74534  (18122022)               437602.29
3711506.73       39.09187  (18122022)
        438056.04   3710703.97       16.63213  (19021521)               438053.32
3710679.16       16.61461  (19021521)
        438050.59   3710654.36       16.84400  (19021521)               438047.86
3710629.55       16.88063  (19021521)
        438045.13   3710604.74       16.93357  (19021521)               438042.40
3710579.94       16.68569  (19021718)
        438039.67   3710555.13       17.27855  (20020818)               438150.45
3710716.86       20.67731  (18021903)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
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L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438145.46	3710740.67	19.68281	(18021903)	438140.46	3710764.49	17.71917	(18021903)
438135.47	3710788.31	16.13027	(18011920)	438130.48	3710812.13	16.10219	(18011920)
438125.48	3710835.95	17.28761	(19020522)	438120.49	3710859.77	17.79469	(18021904)
438115.50	3710883.58	17.96409	(18021904)	438110.50	3710907.40	17.82408	(18021904)
438105.51	3710931.22	17.65310	(18021904)	438100.52	3710955.04	17.20905	(18021904)
438095.52	3710978.86	16.58234	(18021904)	438090.53	3711002.67	15.88956	(18021904)
438085.54	3711026.49	15.13217	(18021904)	438080.54	3711050.31	14.30131	(17122018)
438075.55	3711074.13	14.29763	(19120917)	438070.55	3711097.95	14.53970	(19120917)
438065.56	3711121.77	14.74670	(19120917)	438060.57	3711145.58	14.57424	(19120917)
438055.57	3711169.40	14.48673	(21012218)	438050.58	3711193.22	14.62825	(21012218)
438045.59	3711217.04	14.76425	(17010919)	438022.49	3711257.12	15.06077	(17010919)
438004.38	3711273.38	15.52785	(17012418)	437986.27	3711289.64	16.54956	(18121718)
437968.17	3711305.90	18.19416	(18021605)	437950.06	3711322.16	20.82529	(18021605)
437931.95	3711338.42	21.49033	(21122720)	437913.85	3711354.68	21.77427	(18012907)
437895.74	3711370.94	21.66084	(18012907)	437877.64	3711387.20	21.84214	(20031318)
437859.53	3711403.46	21.94899	(19012018)	437841.42	3711419.72	22.40841	(21051406)
437823.32	3711435.98	24.11146	(17072004)	437805.21	3711452.24	25.59109	(17072004)
437787.10	3711468.50	26.36858	(17072004)	437769.00			

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3711484.76       26.86040  (17072004)
        437750.89   3711501.02       26.78382  (17072004)                437732.78
3711517.28       26.85772  (21090401)
        437714.68   3711533.54       28.99146  (17093002)                437696.57
3711549.80       30.85142  (17093002)
        437678.46   3711566.06       31.78444  (18122022)                437660.36
3711582.32       33.81340  (18122022)
        437642.25   3711598.58       34.84120  (18122022)                438155.45
3710693.04       20.89979  (17120317)
        438152.72   3710668.23       20.74933  (20012117)                438149.99
3710643.42       20.99483  (20012117)
        438147.26   3710618.62       20.63460  (17022318)                438144.53
3710593.81       20.17129  (18021902)
        438141.80   3710569.00       19.53916  (20020818)                438139.08
3710544.20       19.07370  (20020818)
        438249.74   3710706.45       16.96736  (20012117)                438244.64
3710730.80       17.67588  (20012117)
        438239.53   3710755.15       18.57144  (18031318)                438234.43
3710779.50       19.25503  (19020520)
        438229.32   3710803.84       19.66234  (17122019)                438224.22
3710828.19       19.34644  (17122019)
        438219.11   3710852.54       17.34983  (18011920)                438214.01
3710876.89       14.91556  (18011920)
        438208.91   3710901.23       16.21023  (19020522)                438203.80
3710925.58       16.85297  (18021904)
        438198.70   3710949.93       17.04419  (18021904)                438193.59
3710974.28       16.91106  (18021904)
        438188.49   3710998.62       16.58475  (18021904)                438183.38
3711022.97       16.10628  (18021904)
        438178.28   3711047.32       15.35797  (18021904)                438173.17
3711071.67       14.51486  (18021904)
        438168.07   3711096.01       13.64345  (18021904)                438162.96
3711120.36       13.50088  (19022101)
        438157.86   3711144.71       13.80851  (19120917)                438152.76
3711169.06       14.20072  (19120917)
        438147.65   3711193.40       14.39115  (19120917)                438142.55
3711217.75       14.17318  (19120917)
        438137.44   3711242.10       13.98440  (21012218)                438132.34
3711266.45       13.96907  (21012218)
        438108.72   3711307.41       14.22530  (17010919)                438090.22
3711324.04       14.78336  (17010919)
        438071.71   3711340.66       15.98803  (18020618)                438053.20
3711357.28       17.03078  (18020618)
        438034.69   3711373.90       18.76723  (18021605)                438016.18
3711390.52       20.09225  (18021605)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437997.67	3711407.14	19.84393	(21122720)	437979.16	3711423.77	20.26600	(18012907)
437960.65	3711440.39	20.39523	(18012907)	437942.14	3711457.01	20.38937	(20031318)
437923.64	3711473.63	20.42626	(20031318)	437905.13	3711490.25	20.67168	(19012018)
437886.62	3711506.87	21.12923	(21051406)	437868.11	3711523.50	22.98890	(17072004)
437849.60	3711540.12	24.81853	(17072004)	437831.09	3711556.74	26.04381	(17072004)
437812.58	3711573.36	26.01524	(17072004)	437794.07	3711589.98	25.15196	(17072004)
437775.56	3711606.60	24.85549	(21090401)	437757.06	3711623.23	26.79183	(17093002)
437738.55	3711639.85	28.62661	(17093002)	437720.04	3711656.47	29.55500	(17093002)
437701.53	3711673.09	31.35206	(18122022)	437683.02	3711689.71	32.42855	(18122022)
438254.85	3710682.11	16.26693	(20012117)	438252.12	3710657.30	15.92110	(20012117)
438249.39	3710632.49	15.90319	(20012117)	438246.66	3710607.69	15.96340	(20012117)
438243.93	3710582.88	15.76766	(21062106)	438241.20	3710558.07	15.61040	(18020521)
438238.48	3710533.27	15.61082	(17010518)	438349.23	3710695.09	14.94730	(20012117)

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        438344.22   3710719.00       14.63767  (20012117)                438339.21
3710742.91       14.57551  (20012117)
        438334.19   3710766.82       15.00558  (19080106)                438329.18
3710790.74       16.16043  (18031318)
        438324.17   3710814.65       17.75943  (18031318)                438319.15
3710838.56       18.29369  (18031318)
        438314.14   3710862.47       18.54380  (17122019)                438309.13
3710886.39       18.68136  (17122019)
        438304.11   3710910.30       18.23247  (17122019)                438299.10
3710934.21       16.76434  (19020522)
        438294.09   3710958.13       14.89019  (18021904)                438289.07
3710982.04       14.91876  (18021904)
        438284.06   3711005.95       15.69279  (18021904)                438279.05
3711029.86       15.90421  (18021904)
        438274.03   3711053.78       15.63026  (18021904)                438269.02
3711077.69       15.23757  (18021904)
        438264.01   3711101.60       14.70762  (18021904)                438258.99
3711125.51       14.04268  (18021904)
        438253.98   3711149.43       13.07287  (19021419)                438248.97
3711173.34       12.88460  (19021419)
        438243.95   3711197.25       13.35010  (19021420)                438238.94
3711221.17       13.69862  (19021420)
        438233.93   3711245.08       13.67945  (19120917)                438228.91
3711268.99       12.93495  (19120917)
        438223.90   3711292.90       12.44681  (19120917)                438218.89
3711316.82       12.74401  (21012218)
        438195.69   3711357.05       14.11554  (17010919)                438177.52
3711373.38       15.46401  (17010218)
        438159.34   3711389.70       16.85218  (17010218)                438141.16
3711406.03       17.51180  (21123118)
        438122.98   3711422.35       17.95172  (21123118)                438104.80
3711438.68       18.43703  (18021605)
        438086.62   3711455.00       18.82296  (18021605)                438068.45
3711471.33       18.83832  (18021605)
        438050.27   3711487.65       18.79718  (21122720)                438032.09
3711503.98       19.12394  (21021319)
        438013.91   3711520.30       19.27195  (21021319)                437995.73
3711536.63       19.18120  (20031318)
        437977.55   3711552.95       19.19446  (20031318)                437959.38
3711569.28       19.65709  (19012018)
        437941.20   3711585.60       19.85943  (17072004)                437923.02
3711601.93       21.98780  (17072004)
        437904.84   3711618.25       23.61832  (17072004)                437886.66
3711634.58       24.59774  (17072004)
        437868.48   3711650.90       24.87724  (17072004)                437850.31
3711667.23       24.44497  (17072004)
        437832.13   3711683.55       23.37641  (17072004)                437813.95
3711699.88       23.58105  (21090401)
        437795.77   3711716.20       25.74145  (17093002)                437777.59
3711732.53       27.36104  (17093002)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	15.33666	(20012117)	438348.79	3710621.56	15.25255	(20012117)
438346.06	3710596.75	15.60767	(18020521)	438343.33	3710571.95	15.85384	(21010117)
438340.61	3710547.14	16.53477	(17010518)	438337.88	3710522.33	16.84237	(17010518)
438448.54	3710684.59	15.83625	(20012117)	438443.44	3710708.94	15.44299	(20012117)
438438.33	3710733.28	14.77564	(20012117)	438433.23	3710757.63	14.06994	(20012117)
438428.12	3710781.98	13.44597	(20012117)	438423.02	3710806.33	13.32007	(19080106)
438417.92	3710830.67	13.91640	(18031318)	438412.81	3710855.02	15.46617	(18031318)
438407.71	3710879.37	16.88972	(18031318)	438402.60	3710903.72	17.37381	(18031318)
438397.50	3710928.06	17.22652	(18031318)	438392.39			

3710952.41 17.24344 (18121117)
438387.29 3710976.76 17.41326 (18121117) 438382.18
3711001.11 16.87318 (18021904)
438377.08 3711025.45 13.85609 (18021904) 438371.97
3711049.80 14.28555 (18021904)
438366.87 3711074.15 14.70927 (18021904) 438361.77
3711098.50 14.40814 (18021904)
438356.66 3711122.84 13.92797 (18021904) 438351.56
3711147.19 13.97443 (18021904)
438346.45 3711171.54 13.55002 (18021904) 438341.35
3711195.89 12.57243 (18021904)
438336.24 3711220.23 12.05690 (19021419) 438331.14
3711244.58 11.99400 (19021419)
438326.03 3711268.93 12.18908 (19021420) 438320.93
3711293.28 12.39913 (19120917)
438315.83 3711317.62 12.77748 (19120917) 438310.72
3711341.97 13.00291 (19120917)
438305.62 3711366.32 12.68925 (19120917) 438282.00
3711407.29 13.67596 (18011921)
438263.49 3711423.91 15.24697 (17010218) 438244.98
3711440.53 16.19451 (17010218)
438226.48 3711457.15 16.21319 (17010218) 438207.97
3711473.77 16.40546 (21123118)
438189.46 3711490.40 16.83937 (21123118) 438170.95
3711507.02 17.24767 (18021605)
438152.44 3711523.64 17.67356 (18021605) 438133.93
3711540.26 17.78934 (18021605)
438115.42 3711556.88 17.70234 (21122720) 438096.91
3711573.50 17.90826 (21021319)
438078.41 3711590.13 18.21176 (21021319) 438059.90
3711606.75 18.19782 (21021319)
438041.39 3711623.37 18.02162 (20031318) 438022.88
3711639.99 18.36300 (19012018)
438004.37 3711656.61 18.64570 (19012018) 437985.86
3711673.23 19.35587 (17072004)
437967.35 3711689.86 21.26612 (17072004) 437948.84
3711706.48 22.67352 (17072004)
437930.33 3711723.10 23.46588 (17072004) 437911.83
3711739.72 23.60760 (17072004)
437893.32 3711756.34 23.09035 (17072004) 437874.81
3711772.96 21.97248 (17072004)
437856.30 3711789.58 22.10791 (21090401) 437837.79
3711806.21 24.23739 (17093002)
437819.28 3711822.83 25.82216 (17093002) 437800.77
3711839.45 26.63338 (17093002)
437782.26 3711856.07 27.57123 (18122022) 437763.75
3711872.69 28.68405 (18122022)
438453.65 3710660.24 15.64747 (20012117) 438450.92
3710635.43 15.97021 (21010117)
438448.19 3710610.63 15.92580 (21010117) 438445.46

3710585.82   15.50087 (17010518)
        438442.73   3710561.01   15.11653 (17010518)   438440.01
3710536.21   14.63210 (17010518)
        438437.28   3710511.40   14.17080 (18092919)   438548.02
3710673.29   14.42757 (20123124)
        438542.99   3710697.27   14.80372 (20012117)   438537.97
3710721.24   15.01171 (20012117)
        438532.94   3710745.22   14.58491 (20012117)   438527.91
3710769.20   13.83525 (20012117)
        438522.88   3710793.18   13.12251 (20012117)   438517.86
3710817.16   12.53300 (20012117)
        438512.83   3710841.14   12.38322 (17120317)   438507.80
3710865.12   12.47942 (18053119)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        438502.78   3710889.09   13.10627 (18031318)   438497.75
3710913.07   13.66448 (18031318)
        438492.72   3710937.05   14.03355 (18031318)   438487.69
3710961.03   14.92935 (18031318)
        438482.67   3710985.01   15.92508 (18031318)   438477.64
3711008.99   16.48994 (18121117)
        438472.61   3711032.97   15.78441 (19020522)   438467.59
3711056.94   14.92809 (18021904)

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        438462.56   3711080.92       13.46287  (18021904)                438457.53
3711104.90       13.63780  (18021904)
        438452.50   3711128.88       14.44637  (18021904)                438447.48
3711152.86       14.30047  (18021904)
        438442.45   3711176.84       14.03092  (18021904)                438437.42
3711200.82       13.66503  (18021904)
        438432.40   3711224.79       13.09728  (18021904)                438427.37
3711248.77       12.46630  (17021107)
        438422.34   3711272.75       11.66079  (19021419)                438417.31
3711296.73       11.07670  (19021419)
        438412.29   3711320.71       10.64909  (19021420)                438407.26
3711344.69       10.71935  (19120917)
        438402.23   3711368.67       11.25160  (19120917)                438397.21
3711392.64       11.78653  (19120917)
        438392.18   3711416.62       11.98266  (19120917)                438368.92
3711456.97       12.22271  (21012218)
        438350.69   3711473.34       12.42392  (18011921)                438332.47
3711489.71       12.90888  (17010919)
        438314.24   3711506.08       13.92888  (17010218)                438296.01
3711522.45       14.86514  (17010218)
        438277.78   3711538.82       15.08536  (18020618)                438259.55
3711555.19       15.49346  (21123118)
        438241.32   3711571.56       15.79732  (21123118)                438223.09
3711587.93       16.34620  (18021605)
        438204.87   3711604.30       16.70490  (18021605)                438186.64
3711620.67       16.75230  (18021605)
        438168.41   3711637.04       16.75676  (21122720)                438150.18
3711653.41       16.97963  (21021319)
        438131.95   3711669.78       17.17031  (21021319)                438113.72
3711686.15       17.06773  (21021319)
        438095.50   3711702.52       17.07755  (20031318)                438077.27
3711718.89       17.12657  (19012018)
        438059.04   3711735.26       17.28842  (19012018)                438040.81
3711751.63       17.55924  (21051406)
        438022.58   3711768.00       18.20257  (17072004)                438004.35
3711784.37       19.50318  (17072004)
        437986.13   3711800.74       20.32175  (17072004)                437967.90
3711817.11       20.61743  (17072004)
        437949.67   3711833.48       20.48219  (17072004)                437931.44
3711849.85       19.96926  (17072004)
        437913.21   3711866.22       19.37696  (20112420)                437894.98
3711882.59       20.52680  (21090401)
        437876.75   3711898.96       22.58375  (17093002)                437858.53
3711915.33       24.24515  (17093002)
        437840.30   3711931.70       25.22455  (17093002)                437822.07
3711948.07       25.99915  (18122022)
        437803.84   3711964.44       27.20735  (18122022)                438553.05
3710649.31       13.98093  (18020521)
        438550.32   3710624.50       13.08855  (18020521)                438547.59
3710599.69       12.17303  (17010518)
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        438544.86   3710574.89       11.76217  (17010518)                438542.13
3710550.08       11.51969  (17010518)
        438539.41   3710525.27       11.59999  (17121917)                438536.68
3710500.47       11.66642  (17121917)
        438647.34   3710662.72       11.83064  (18020521)                438642.24
3710687.07       12.58651  (18020521)
        438637.13   3710711.42       13.17699  (20012117)                438632.03
3710735.77       14.08324  (20012117)
        438626.93   3710760.11       14.50199  (20012117)                438621.82
3710784.46       14.35524  (20012117)
        438616.72   3710808.81       13.40317  (20012117)                438611.61
3710833.16       12.33449  (20012117)
        438606.51   3710857.50       11.64149  (17120317)                438601.40
3710881.85       11.68055  (18053119)
        438596.30   3710906.20       12.00858  (18031318)                438591.19
3710930.55       13.48013  (18031318)
        438586.09   3710954.89       15.03131  (18031318)                438580.99
3710979.24       15.57150  (18031318)
        438575.88   3711003.59       15.68962  (17122019)                438570.78
3711027.94       15.62186  (17122019)
        438565.67   3711052.28       15.33199  (17122019)                438560.57
3711076.63       14.68981  (19020522)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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	438555.46	3711100.98	14.30123	(18021904)		438550.36	3711125.33	13.92949	(18021904)
	438545.25	3711149.67	13.27271	(18021904)		438540.15	3711174.02	12.56219	(18021904)
	438535.04	3711198.37	12.01031	(18021904)		438529.94	3711222.72	12.33648	(18021904)
	438524.84	3711247.06	12.86731	(18021904)		438519.73	3711271.41	12.50907	(18021904)
	438514.63	3711295.76	11.96316	(19020519)		438509.52	3711320.11	12.22284	(17021107)
	438504.42	3711344.45	12.33695	(17021107)		438499.31	3711368.80	12.07161	(18122117)
	438494.21	3711393.15	11.78336	(18122117)		438489.10	3711417.50	11.88111	(17021119)
	438484.00	3711441.84	12.02101	(17021119)		438478.89	3711466.19	11.94237	(17021119)
	438455.28	3711507.16	11.62562	(19120917)		438436.77	3711523.78	11.80068	(21012218)
	438418.26	3711540.40	11.94271	(18011921)		438399.75	3711557.02	12.19716	(17010919)
	438381.25	3711573.65	13.22804	(17010218)		438362.74	3711590.27	14.23095	(17010218)
	438344.23	3711606.89	14.72522	(21123118)		438325.72	3711623.51	15.28959	(21123118)
	438307.21	3711640.13	15.44335	(21123118)		438288.70	3711656.75	15.58677	(18021605)
	438270.19	3711673.38	15.85423	(18021605)		438251.68	3711690.00	15.88341	(18021605)
	438233.17	3711706.62	15.81058	(21122720)		438214.67	3711723.24	15.92770	(21021319)
	438196.16	3711739.86	16.24931	(21021319)		438177.65	3711756.48	16.28375	(21021319)
	438159.14	3711773.11	16.11082	(20031318)		438140.63	3711789.73	16.12063	(20031318)
	438122.12	3711806.35	16.20634	(19012018)		438103.61	3711822.97	16.32602	(19012018)
	438085.10	3711839.59	16.71394	(21051406)		438066.60	3711856.21	17.55080	(17072004)
	438048.09	3711872.84	18.71087	(17072004)		438029.58	3711889.46	19.40639	(17072004)
	438011.07	3711906.08	19.72041	(17072004)		437992.56	3711922.70	19.60610	(17072004)
	437974.05	3711939.32	19.10919	(17072004)		437955.54	3711955.94	18.69520	(20112420)
	437937.03	3711972.57	19.62002	(17093002)		437918.52	3711989.19	21.69742	(17093002)
	437900.02	3712005.81	23.26557	(17093002)		437881.51	3712022.43	24.15904	(17093002)
	437863.00	3712039.05	24.58149	(18122022)		437844.49			

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3712055.67       25.74575  (18122022)
        438652.45   3710638.38       11.28572  (21010117)                438649.72
3710613.57       11.04591  (17010518)
        438646.99   3710588.76       10.94612  (17010518)                438644.26
3710563.96       10.78035  (17121917)
        438641.54   3710539.15       10.94003  (17121917)                438638.81
3710514.34       10.99269  (17121917)
        438636.08   3710489.54       11.01721  (20042419)                438746.81
3710651.47       10.49436  (21010117)
        438741.77   3710675.50       10.78398  (21010117)                438736.74
3710699.52       11.00481  (18020521)
        438731.70   3710723.55       11.48287  (18072506)                438726.66
3710747.58       12.07135  (20012117)
        438721.62   3710771.61       13.19884  (20012117)                438716.59
3710795.63       13.68018  (20012117)
        438711.55   3710819.66       13.43987  (20012117)                438706.51
3710843.69       12.65598  (20012117)
        438701.48   3710867.71       11.92974  (20012117)                438696.44
3710891.74       11.46988  (20012117)
        438691.40   3710915.77       11.72739  (19080106)                438686.36
3710939.80       12.33190  (19080106)
        438681.33   3710963.82       13.43936  (18031318)                438676.29
3710987.85       14.45962  (18031318)
        438671.25   3711011.88       14.47053  (18031318)                438666.21
3711035.90       14.07538  (18031318)
        438661.18   3711059.93       14.07312  (18031318)                438656.14
3711083.96       14.53958  (18070106)
        438651.10   3711107.99       14.80805  (18121117)                438646.06
3711132.01       14.45718  (19020918)
        438641.03   3711156.04       14.24502  (18021904)                438635.99
3711180.07       13.86758  (18021904)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438630.95	3711204.09	13.36250	(18021904)	438625.92	3711228.12	13.05028	(18021904)
438620.88	3711252.15	12.69537	(18021904)	438615.84	3711276.18	12.03085	(18021904)
438610.80	3711300.20	10.66810	(18021904)	438605.77	3711324.23	9.85801	(18021904)
438600.73	3711348.26	10.03101	(18021904)	438595.69	3711372.28	10.38499	(18122502)
438590.65	3711396.31	11.03178	(17021107)	438585.62	3711420.34	11.27309	(18122117)
438580.58	3711444.37	11.11694	(18122117)	438575.54	3711468.39	10.69742	(19021420)
438570.50	3711492.42	10.30968	(17021119)	438565.47	3711516.45	9.96327	(19120917)
438542.16	3711556.88	10.13121	(19120917)	438523.90	3711573.28	10.41885	(21012218)
438505.63	3711589.68	11.08645	(21012218)	438487.37	3711606.09	11.92425	(18011921)
438469.10	3711622.49	13.10031	(17010218)	438450.84	3711638.89	13.91601	(17010218)
438432.57	3711655.29	13.92463	(17010218)	438414.31	3711671.70	14.11699	(20040220)
438396.04	3711688.10	14.47610	(21123118)	438377.78	3711704.50	14.71535	(21123118)
438359.51	3711720.91	14.79305	(20011318)	438341.25	3711737.31	14.97396	(17021106)
438322.98	3711753.71	14.98497	(17021106)	438304.71	3711770.12	14.78001	(20052621)
438286.45	3711786.52	14.87489	(18012907)	438268.18	3711802.92	15.23583	(18012907)
438249.92	3711819.32	15.37044	(18012907)	438231.65	3711835.73	15.27088	(18012907)
438213.39	3711852.13	15.33943	(20031318)	438195.12	3711868.53	15.28302	(20031318)
438176.86	3711884.94	15.35403	(19012018)	438158.59	3711901.34	15.48211	(19012018)
438140.33	3711917.74	15.77192	(21051406)	438122.06	3711934.14	16.22643	(17072004)
438103.80	3711950.55	17.44727	(17072004)	438085.53	3711966.95	18.25853	(17072004)

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        438067.27   3711983.35       18.64500  (17072004)               438049.00
3711999.76       19.01720  (17072004)
        438030.73   3712016.16       19.22592  (17072004)               438012.47
3712032.56       18.43841  (17072004)
        437994.20   3712048.97       18.10705  (20112420)               437975.94
3712065.37       18.71074  (17093002)
        437957.67   3712081.77       20.03758  (17093002)               437939.41
3712098.17       20.93709  (17093002)
        437921.14   3712114.58       21.88094  (17093002)               437902.88
3712130.98       22.91091  (18122022)
        437884.61   3712147.38       24.14600  (18122022)               438751.85
3710627.44       10.27672  (17010518)
        438749.12   3710602.64       10.16420  (17010518)               438746.39
3710577.83       10.15502  (17121917)
        438743.66   3710553.02       10.28558  (17121917)               438740.94
3710528.22       10.29684  (17121917)
        438738.21   3710503.41       10.26262  (20042419)               438735.48
3710478.60       10.13916  (21092420)
        437306.53   3710616.73      123.87599  (18122022)               437313.98
3710595.52      115.05695  (18122022)
        437321.42   3710574.31      110.19389  (17072004)               437361.16
3710612.07       93.12356  (17072004)
        437368.60   3710590.86       83.64501  (17072004)               437415.78
3710607.42       57.70886  (17021106)
        437433.19   3710708.81       50.21866  (17072004)               437480.37
3710725.37       45.24799  (18012907)
        437582.17   3710737.27       38.27732  (19122917)               437676.53
3710770.38       28.21272  (19120917)
        437683.97   3710749.17       28.18954  (19120917)               437716.27
3710808.14       23.53962  (19120917)
        437723.71   3710786.93       23.09233  (19120917)               438595.27
3711021.29       15.43833  (17122019)
        438674.75   3711096.83       14.30551  (18070106)               438682.19
3711075.62       13.66688  (18031318)
        437329.33   3710551.33      106.03358  (17072004)               437337.14
3710528.63       92.29619  (17072004)
        437344.96   3710505.93       98.06125  (17070719)               437352.77
3710483.23      101.11698  (17070719)
        437376.61   3710567.60       71.10833  (18021605)               437384.42
3710544.90       75.10375  (17070719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
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INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	78.28977	(17070719)	437400.05	3710499.51	74.90380	(17070719)
437423.89	3710583.87	57.45442	(21123118)	437431.70	3710561.17	58.33755	(17070719)
437439.51	3710538.48	58.60949	(17070719)	437447.32	3710515.78	56.33702	(18022222)
437471.16	3710600.14	50.29031	(19122917)	437478.98	3710577.45	49.86406	(17021119)
437486.79	3710554.75	48.96574	(18122117)	437494.60	3710532.05	49.51528	(18021904)
437518.44	3710616.42	44.76998	(19122917)	437526.25	3710593.72	44.68056	(18122117)
437534.07	3710571.02	44.52042	(18022222)	437541.88	3710548.33	44.87763	(18021904)
437589.16	3710564.60	39.97428	(18021904)	437620.81	3710626.27	37.15728	(18022222)
437723.18	3710636.11	26.26304	(18021904)	437770.46	3710652.39	24.13056	(18021904)
437778.27	3710629.69	23.53894	(18011920)	437872.82	3710662.24	20.33207	(18011920)
438345.60	3710824.97	17.25797	(18031318)	438432.34	3710880.21	16.22006	(18031318)
438440.16	3710857.51	14.81381	(18031318)	438511.27	3710958.15	14.83460	(18031318)
438519.09	3710935.45	13.72682	(18031318)	438526.90	3710912.76	12.94457	(18031318)
438534.71	3710890.06	12.21774	(18031318)	438605.83	3710990.70	15.19390	(17122019)
438613.64	3710968.00	15.22510	(18031318)	438621.46	3710945.30	14.12473	(18031318)
438629.27	3710922.61	12.49707	(18031318)	438692.57			

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3711045.94       13.22059  (18031318)
        438700.39   3711023.24       13.38505  (18031318)                438708.20
3711000.55       13.73703  (18031318)
        438716.01   3710977.85       13.05959  (18031318)                438723.82
3710955.15       12.01887  (19080106)
        437354.00   3710454.83       97.75383  (17070719)                437343.58
3710413.15       91.90629  (19040418)
        437401.68   3710461.64       68.27186  (18022222)                437397.29
3710421.87       68.96794  (19040418)
        437450.09   3710451.88       55.60160  (19040418)                437445.80
3710409.74       54.63082  (21101617)
        437498.70   3710437.39       42.50922  (21101617)                437497.06
3710475.25       45.13495  (19040418)
        437494.31   3710397.61       45.06635  (21101617)                437547.15
3710426.61       36.02602  (21101617)
        437545.39   3710467.18       36.32850  (19040418)                437543.64
3710507.75       36.95325  (18011920)
        437542.82   3710385.49       36.88168  (21101617)                437595.61
3710415.50       30.76912  (21101617)
        437593.77   3710458.10       31.00532  (19021521)                437591.92
3710500.70       31.70130  (19021521)
        437591.32   3710373.36       30.66829  (21101617)                437644.18
3710401.95       26.51316  (21101617)
        437642.46   3710441.71       26.19937  (21101617)                437640.74
3710481.47       28.06701  (19021521)
        437639.02   3710521.23       28.31642  (19021521)                437637.29
3710560.99       31.15551  (19020522)
        437639.83   3710361.23       25.91609  (21101617)                437692.65
3710390.60       22.93165  (21101617)
        437690.86   3710431.91       23.46518  (20020818)                437689.08
3710473.22       24.63094  (19021718)
        437687.29   3710514.53       25.45383  (19021521)                437685.50
3710555.84       25.72275  (18011920)
        437688.34   3710349.11       22.08838  (21101617)                437741.13
3710379.12       19.96845  (21101617)
        437739.29   3710421.72       20.76449  (17012018)                437737.44
3710464.32       21.58081  (20020818)
        437735.60   3710506.92       22.77786  (19021718)                437733.76
3710549.52       23.35847  (19021521)
        437736.84   3710336.98       20.37664  (18122507)                437789.68
3710365.98       18.83414  (18122507)
        437787.93   3710406.55       19.59287  (17012018)                437786.17
3710447.12       20.02879  (20020818)
        437784.41   3710487.69       20.34482  (20020818)                437782.66
3710528.26       21.31252  (19021718)
        437780.90   3710568.83       21.74144  (19021521)                437785.35
3710324.85       19.16760  (18122507)
        437886.65   3710342.74       17.87370  (18122507)                437884.81
3710385.34       17.57487  (18122507)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.97	3710427.94	17.45655	(17012018)	437881.12	3710470.54	17.52798	(20020818)
437879.28	3710513.14	18.02022	(20020818)	437877.43	3710555.74	18.73942	(19021718)
437875.59	3710598.34	19.24182	(19021521)	437882.37	3710300.60	14.36580	(18122507)
437983.68	3710318.11	15.59816	(18122507)	437981.87	3710359.96	13.08237	(18122507)
437980.06	3710401.82	16.47620	(17012018)	437978.25	3710443.67	17.15180	(17012018)
437976.44	3710485.52	18.12196	(20020818)	437974.63	3710527.37	18.09288	(20020818)
437972.81	3710569.23	17.42769	(19021718)	437971.00	3710611.08	17.53434	(19021521)
437979.38	3710276.35	19.66089	(18122507)	438080.71	3710293.59	18.06399	(21090924)
438078.92	3710334.89	20.46193	(18122503)	438077.13	3710376.20	18.21116	(18122507)
438075.35	3710417.51	13.08643	(17012018)	438073.56	3710458.82	12.74476	(17012018)
438071.77	3710500.13	13.09912	(17012018)	438069.98	3710541.44	13.57388	(20020818)

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        438068.19   3710582.75       14.33704  (19021718)              438076.39
3710252.09       16.96167  (21021818)
        438177.70   3710269.98       15.94662  (21021818)              438175.85
3710312.58       15.23758  (21090924)
        438174.01   3710355.18       15.61649  (17012318)              438172.16
3710397.78       18.05890  (19021618)
        438170.32   3710440.38       19.58042  (19012101)              438168.48
3710482.98       19.90096  (19012101)
        438166.63   3710525.58       20.06537  (20020818)              438164.79
3710568.18       20.05607  (20020818)
        438173.41   3710227.84       17.10435  (18031507)              438274.72
3710245.46       16.77443  (18120117)
        438272.90   3710287.54       17.28649  (18122503)              438271.08
3710329.61       17.19256  (18122503)
        438269.26   3710371.68       16.25189  (17012318)              438267.44
3710413.76       15.13507  (19080520)
        438265.62   3710455.83       14.72694  (20042419)              438263.79
3710497.90       14.68568  (17010518)
        438261.97   3710539.98       14.62440  (21010117)              438270.42
3710203.58       16.72852  (20122117)
        438371.75   3710221.00       15.57132  (18031507)              438369.94
3710262.65       15.53528  (18122504)
        438368.14   3710304.30       15.96147  (18122503)              438366.34
3710345.96       16.34076  (17021619)
        438364.53   3710387.61       16.42331  (19021618)              438362.73
3710429.26       16.57016  (19021618)
        438360.93   3710470.92       17.04652  (17121917)              438359.12
3710512.57       17.03309  (17121917)
        438367.44   3710179.33       15.81873  (20122117)              438468.74
3710197.22       14.36505  (18031507)
        438466.89   3710239.82       14.54029  (18031507)              438465.05
3710282.42       14.65680  (19121517)
        438463.21   3710325.02       14.26279  (21090924)              438461.36
3710367.62       13.07112  (17012318)
        438459.52   3710410.22       12.33679  (19080520)              438457.67
3710452.82       12.28983  (20042419)
        438455.83   3710495.42       12.90750  (17121917)              438464.45
3710155.08       13.33232  (20062006)
        438565.76   3710172.76       12.27121  (20062006)              438563.94
3710214.95       13.25469  (18031507)
        438562.11   3710257.15       13.32104  (18122504)              438560.28
3710299.34       12.74000  (21021818)
        438558.46   3710341.54       13.14664  (21090924)              438556.63
3710383.73       13.06573  (17012318)
        438554.80   3710425.92       12.37682  (19080520)              438552.98
3710468.12       11.65873  (20042419)
        438536.54   3710847.87       12.16011  (17120317)              438561.47
3710130.82       11.34367  (20062006)
        438662.78   3710148.34       10.56810  (20062006)              438660.97
3710190.19       11.16598  (20062006)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                   L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                   L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                   L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438759.78   3710124.46   9.95103 (20062006)   438757.94
3710167.06   9.72007 (20062006)
        438756.09   3710209.66   9.93175 (20062006)   438754.25
3710252.26   10.53575 (17021822)
        438752.41   3710294.86   10.70867 (21021818)   438750.56
3710337.46   10.39985 (21090924)
        438748.72   3710380.05   9.98192 (17012318)   438746.87
3710422.65   10.10036 (19021618)
        438728.43   3710848.65   12.42412 (20012117)   438726.59
3710891.25   11.28082 (20012117)
        438755.49   3710082.32   10.01870 (20062006)   437346.05
3710385.82   91.19052 (19040418)
        437396.03   3710387.04   66.37910 (21101617)   437446.52

3710367.92 53.17278 (21101617)
437496.50 3710369.14 43.46852 (21101617) 437995.36
3710422.03 16.53625 (17012018)
437996.35 3710381.35 14.21126 (18122507) 438094.83
3710444.81 13.51910 (17012018)
438095.82 3710404.13 17.51285 (18122507) 438194.80
3710447.25 18.56826 (17121917)
438195.80 3710406.57 16.60097 (19080520) 438294.77
3710449.69 16.08046 (20042419)
438295.77 3710409.01 16.55928 (19021618) 438394.74
3710452.13 15.60032 (20042419)
438395.74 3710411.45 15.17302 (19021618) 438494.71
3710454.57 11.73922 (20042419)
438495.71 3710413.89 12.00056 (19080520) 438594.68
3710457.01 11.57477 (19080520)
438595.68 3710416.33 12.27099 (19080520) 438694.65
3710459.46 10.47335 (19080520)
438695.65 3710418.78 10.74925 (19080520) 438794.62
3710461.90 9.72820 (17080121)
438795.62 3710421.22 9.70129 (20072119) 437341.85
3710350.28 93.06939 (21101617)
437325.75 3710319.20 88.87216 (21101617) 437302.93
3710287.45 87.70902 (20090918)
437382.46 3710321.10 58.85140 (21101617) 437391.84
3710351.50 63.20279 (21101617)
437366.35 3710290.02 57.01673 (20090918) 437343.53
3710258.27 63.52445 (20090918)
437424.00 3710294.96 45.05988 (18122503) 437435.26
3710331.44 48.84050 (21101617)
437406.96 3710260.84 42.58960 (21012006) 437384.14
3710229.09 46.57721 (20090918)
437464.33 3710264.91 38.11023 (21012006) 437475.05
3710299.66 40.56802 (18122507)
437485.78 3710334.40 41.40109 (21101617) 437447.56
3710231.67 37.13008 (18122505)
437424.74 3710199.91 34.78909 (20090918) 437504.78
3710235.25 33.17858 (18012018)
437515.21 3710269.03 32.29491 (18122507) 437525.64
3710302.81 32.97845 (18122507)
437536.06 3710336.58 34.63891 (21101617) 437488.16
3710202.49 33.16069 (18122505)
437465.34 3710170.73 29.32443 (19012103) 437545.80
3710207.42 28.57232 (18012018)
437557.06 3710243.90 26.68951 (18012018) 437568.32
3710280.38 27.65953 (18122507)
437579.58 3710316.86 28.81173 (18122507) 437528.76
3710173.31 29.34911 (20122918)
437505.94 3710141.55 25.81952 (19012103) 437586.25
3710177.74 24.47375 (17012019)
437597.20 3710213.20 23.48538 (18012018) 437608.14

3710248.67   23.14144 (19012102)
        437619.09   3710284.14   24.66974 (18122507)   437630.04
3710319.60   25.51343 (18122507)
        437569.37   3710144.13   25.66782 (19012103)   437546.55
3710112.37   21.91124 (17012020)
        437626.74   3710148.20   21.37988 (17012019)   437637.46
3710182.94   21.14472 (17012019)
        437648.19   3710217.68   20.76880 (19012102)   437658.91
3710252.42   20.95523 (19012102)
        437669.63   3710287.17   22.41857 (18122507)   437680.36
3710321.91   23.01426 (18122507)
        437609.97   3710114.95   22.05807 (19012103)   437587.15
3710083.19   19.48082 (17012020)
        437667.61   3710119.88   18.85811 (19012103)   437678.87
3710156.36   18.93067 (17012019)
        437690.13   3710192.84   18.73029 (17012019)   437701.39
3710229.32   19.17449 (19012102)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                  INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437708.10   3710090.35       16.73055  (19012105)               437719.14
3710126.11       16.98301  (17012019)
        437730.18   3710161.88       16.91991  (17012019)               437741.22
3710197.64       16.51779  (21122603)
        437752.26   3710233.41       17.46745  (19012102)               437763.30
3710269.17       18.57864  (18122507)
        437774.33   3710304.94       19.31452  (18122507)               437691.17
3710056.59       16.51532  (19021722)
        437668.35   3710024.83       15.90859  (19021722)               437789.42
3710032.35       12.13908  (21012507)
        437800.68   3710068.83       13.28754  (21012507)               437811.94
3710105.31       14.16292  (17012019)
        437823.20   3710141.79       14.36043  (17012019)               437834.46
3710178.27       12.42957  (21122603)
        437845.71   3710214.75       13.19999  (21122603)               437856.97
3710251.23       15.65514  (18122507)
        437772.38   3709998.23       12.83834  (19021722)               437749.56
3709966.48       12.15341  (19021722)
        437870.70   3709974.25       13.52891  (19012103)               437882.13
3710011.26       16.84380  (19012103)
        437893.55   3710048.27       16.41893  (17012019)               437904.97
3710085.28       16.70041  (17012019)
        437916.39   3710122.29       17.92981  (18012018)               437927.82
3710159.30       19.24673  (18012018)
        437939.24   3710196.30       19.46522  (21012006)               437950.66
3710233.31       19.14344  (21012006)
        437853.58   3709939.87       12.12090  (19021722)               437830.76
3709908.12        9.98748  (19021722)
        437951.76   3709915.40       15.88312  (17012020)               437962.88
3709951.43       16.28418  (19012103)
        437974.00   3709987.46       16.03549  (19012103)               437985.12
3710023.49       16.27861  (17012019)
        437996.24   3710059.52       17.15964  (18122505)               438007.36
3710095.55       17.80839  (18012018)
        438018.48   3710131.58       18.72477  (21121419)               438029.60
3710167.61       19.50517  (18021618)
        438040.72   3710203.64       19.39682  (20122117)               438051.84
3710239.67       18.53529  (18031507)
        438062.96   3710275.70       18.08540  (21021818)               437934.79
3709881.51       12.00079  (17012020)
        437911.97   3709849.76       10.99009  (19021722)               438033.03
3709857.27       14.64464  (17012020)
        438044.29   3709893.75       15.49048  (19012103)               438055.55
3709930.23       16.71142  (19012103)
        438066.81   3709966.71       17.66756  (21020718)               438078.07
3710003.19       17.93569  (18122505)
        438089.33   3710039.67       18.00517  (18122505)               438100.59
3710076.15       17.73958  (21121419)
        438111.85   3710112.63       17.15866  (18021618)               438123.11
3710149.11       16.67793  (19070606)
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        438134.37   3710185.59       16.72821  (20062006)               438145.63
3710222.07       16.78547  (18031507)
        438156.88   3710258.55       16.00405  (21021818)               438015.99
3709823.15       13.09394  (17012020)
        437993.17   3709791.40       11.23563  (17012020)               438114.29
3709799.09       13.73409  (17012020)
        438125.67   3709835.94       14.36999  (19012103)               438137.04
3709872.79       14.82514  (19012103)
        438148.41   3709909.64       14.96126  (19012103)               438159.79
3709946.49       15.43291  (18122505)
        438171.16   3709983.34       16.45829  (18122505)               438182.53
3710020.19       16.69506  (18122505)
        438193.91   3710057.03       16.59532  (18122505)               438205.28
3710093.88       16.78171  (21121419)
        438216.65   3710130.73       17.03227  (19012024)               438228.02
3710167.58       17.06694  (18021618)
        438239.40   3710204.43       17.04793  (20122117)               438250.77
3710241.28       16.98430  (18120117)
        438284.89   3710351.82       17.24749  (17021619)               438097.20
3709764.79       13.07702  (17012020)
        438074.38   3709733.04       11.76238  (17012020)               438195.55
3709740.89       14.05934  (21120217)
        438207.01   3709778.04       15.14435  (21120217)               438218.48
3709815.20       15.65104  (21120119)
        438229.95   3709852.36       15.24136  (21120119)               438241.42
3709889.51       15.19416  (21020718)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 357
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                 INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                 L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                 L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                 L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	15.69715	(21120817)	438264.35	3709963.82	15.95818	(18122505)
438275.82	3710000.98	15.81175	(18122505)	438287.29	3710038.13	15.69254	(21121419)
438298.76	3710075.29	15.77960	(19012024)	438310.22	3710112.44	16.02849	(18021618)
438321.69	3710149.60	16.13633	(18021618)	438333.16	3710186.76	16.14339	(20122117)
438344.63	3710223.91	15.91374	(18120117)	438390.50	3710372.53	15.34649	(17012318)
438178.40	3709706.43	12.23001	(17012020)	438155.58	3709674.68	11.42923	(17012020)
438276.65	3709682.19	13.97163	(21120217)	438287.91	3709718.67	15.07411	(21120119)
438299.17	3709755.15	14.67678	(21120119)	438310.43	3709791.63	14.43922	(19071519)
438321.68	3709828.11	14.50122	(19071519)	438332.94	3709864.59	13.77067	(19071519)
438344.20	3709901.07	12.68295	(18061306)	438355.46	3709937.55	12.12349	(18061306)
438366.72	3709974.03	12.20337	(20060219)	438377.98	3710010.51	12.38152	(19070606)
438389.24	3710046.99	12.54955	(19070606)	438400.50	3710083.47	12.76189	(19070606)
438411.76	3710119.95	13.40044	(20062006)	438423.02	3710156.43	14.15842	(20122117)
438434.28	3710192.91	14.78252	(20122117)	438445.54	3710229.39	14.81914	(18031507)
438484.94	3710357.07	13.50188	(17012318)	438259.61	3709648.07	11.90892	(17012020)
438236.79	3709616.32	11.15236	(17012020)	438357.90	3709623.97	13.13804	(21120217)
438369.24	3709660.74	13.31153	(21120217)	438380.59	3709697.50	13.82315	(21120119)
438391.94	3709734.26	14.46738	(21120119)	438403.28	3709771.03	14.25628	(21020718)
438414.63	3709807.79	13.94566	(19071519)	438425.97	3709844.55	12.77222	(19071519)
438437.32	3709881.31	11.85813	(18061306)	438448.67	3709918.08	10.81036	(18061306)
438460.01	3709954.84	10.75506	(20060219)	438471.36	3709991.60	10.79580	(20060219)
438482.71	3710028.37	11.33312	(19070606)	438494.05	3710065.13	11.47073	(19070606)
438505.40	3710101.89	11.39088	(20062006)	438516.75			

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3710138.65       12.04557  (20062006)
        438528.09   3710175.42       12.85164  (20062006)                438539.44
3710212.18       13.53957  (18031507)
        438573.48   3710322.47       12.45886  (21090924)                438584.83
3710359.23       12.42230  (17012318)
        438340.81   3709589.72       12.61039  (18120123)                438317.99
3709557.96       12.38376  (21120517)
        438439.14   3709565.74       13.20993  (20021021)                438450.56
3709602.75       13.23774  (21120119)
        438461.98   3709639.76       13.60320  (21120119)                438473.41
3709676.76       13.85646  (21120119)
        438484.83   3709713.77       13.60853  (21120119)                438496.25
3709750.78       13.53104  (21020718)
        438507.67   3709787.79       13.48916  (21020718)                438519.10
3709824.80       13.41897  (18022419)
        438530.52   3709861.81       13.45341  (18022419)                438541.94
3709898.82       13.25869  (17020718)
        438553.36   3709935.83       12.97999  (19121317)                438564.79
3709972.83       12.86475  (19121317)
        438576.21   3710009.84       12.88443  (19070606)                438587.63
3710046.85       12.18052  (19070606)
        438599.05   3710083.86       10.93149  (20062006)                438610.47
3710120.87       10.81964  (20062006)
        438621.90   3710157.88       11.11685  (20062006)                438633.32
3710194.89       11.73058  (20062006)
        438679.01   3710342.92       10.62808  (21090924)                438690.43
3710379.93       10.55444  (17012318)
        438422.02   3709531.36       13.19200  (19121419)                438399.20
3709499.60       13.31197  (21120818)
        438520.38   3709507.49       11.43746  (18081706)                438531.87
3709544.71       11.40150  (21092707)
        438543.35   3709581.94       11.90610  (21092707)                438554.84
3709619.16       12.18654  (20012118)
        438566.33   3709656.39       12.24502  (19071519)                438577.82
3709693.61       12.62051  (19071519)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
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, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438589.31   3709730.83   12.78337 (19071519)   438600.80
3709768.06   12.71911 (19071519)
        438612.29   3709805.28   12.89770 (18022419)   438623.78
3709842.51   12.98979 (21120817)
        438635.27   3709879.73   12.90946 (18122505)   438646.76
3709916.96   12.67589 (19121317)
        438658.24   3709954.18   12.20344 (21072606)   438669.73
3709991.41   12.11958 (19070606)
        438681.22   3710028.63   12.05926 (19070606)   438692.71
3710065.86   11.58619 (19070606)
        438704.20   3710103.08   10.99058 (20062006)   438715.69
3710140.30   10.30298 (20062006)
        438727.18   3710177.53   10.00909 (20062006)   438773.13
3710326.43   10.41661 (21090924)
        438784.62   3710363.65   9.98151 (21090924)   438503.22
3709473.00   11.78273 (18081706)
        438480.40   3709441.24   11.97663 (21120818)   437273.32
3710263.86   81.11432 (21101617)
        437239.83   3710241.54   92.75793 (21101617)   437317.80
3710233.42   61.32954 (20090918)
        437284.31   3710211.10   71.34694 (21101617)   437250.82
3710188.77   93.03220 (21101617)
        437358.40   3710204.24   48.87180 (20090918)   437328.79
3710180.66   55.06971 (21101617)
        437295.30   3710158.33   66.73939 (21101617)   437386.13
3710162.64   39.23970 (20090918)
        437356.52   3710139.05   37.98589 (20090918)   437323.03
3710116.73   40.20111 (21021017)
        437413.87   3710121.04   32.45743 (20090918)   437439.60
3710145.88   30.66568 (20090918)
        437384.25   3710097.45   32.09295 (20090918)   437350.76
3710075.13   32.79919 (20041418)
        437441.60   3710079.43   27.42516 (20090918)   437467.34
3710104.28   25.80621 (20090918)
        437411.99   3710055.85   27.70807 (20090918)   437378.50
3710033.52   29.82755 (20041418)

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        437469.33   3710037.83       23.60967  (20090918)                437495.07
3710062.68       22.06446  (20090918)
        437520.81   3710087.53       21.15603  (20041418)                437439.72
3710014.24       24.33505  (20090918)
        437406.23   3709991.92       26.82381  (20041418)                437497.07
3709996.23       20.68504  (20090918)
        437522.81   3710021.07       19.31467  (20041418)                437548.54
3710045.92       18.93737  (20041418)
        437467.45   3709972.64       21.65889  (20090918)                437433.96
3709950.31       23.90457  (20041418)
        437526.41   3709956.18       18.39273  (20041418)                437555.36
3709984.13       17.59506  (20041418)
        437584.32   3710012.08       17.06348  (20041418)                437495.19
3709931.04       19.69458  (20041418)
        437461.70   3709908.71       21.14667  (20041418)                437553.96
3709914.40       16.99416  (20041418)
        437582.56   3709942.01       16.25975  (20041418)                437611.16
3709969.62       15.67830  (20041418)
        437639.76   3709997.23       15.03516  (19021722)                437522.92
3709889.43       17.90273  (20041418)
        437489.43   3709867.11       18.78527  (20090918)                437609.17
3709830.94       14.45958  (20041418)
        437637.25   3709858.05       14.04229  (20041418)                437665.33
3709885.16       13.48602  (20041418)
        437693.40   3709912.26       12.88782  (20041418)                437721.48
3709939.37       12.22922  (20041418)
        437578.39   3709806.23       14.68162  (20041418)                437544.90
3709783.90       15.71622  (20090918)
        437664.46   3709747.56       12.19892  (20041418)                437692.18
3709774.32       12.11996  (20041418)
        437719.89   3709801.08       11.76377  (20041418)                437747.61
3709827.84       11.32736  (20041418)
        437775.33   3709854.60       10.77092  (20041418)                437803.05
3709881.36       10.03230  (20041418)
        437633.86   3709723.02       12.41755  (20090918)                437600.37
3709700.69       13.31539  (20090918)
        437719.79   3709664.23       10.23669  (20041418)                437747.25
3709690.73       10.44045  (20041418)
        437774.70   3709717.24       10.23862  (20041418)                437802.15
3709743.74        9.89871  (20041418)
        437829.61   3709770.24        9.63369  (20041418)                437857.06
3709796.75        9.16506  (20041418)
        437884.52   3709823.25        9.66160  (19021722)                437689.32
3709639.81       10.64934  (20090918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437655.83	3709617.49	11.39865	(20090918)	437776.01	3709581.74	8.58889	(20041418)
437804.97	3709609.70	8.95247	(20041418)	437833.92	3709637.65	8.88949	(20041418)
437862.88	3709665.61	8.85951	(20041418)	437891.83	3709693.56	8.64947	(20041418)
437920.79	3709721.51	8.18705	(20041418)	437949.74	3709749.47	9.12498	(20120417)
437744.79	3709556.61	9.22055	(20090918)	437711.30	3709534.28	9.84505	(20090918)
437831.30	3709498.36	7.37676	(20090918)	437859.90	3709525.97	7.56999	(20041418)
437888.50	3709553.58	7.75797	(20041418)	437917.09	3709581.19	7.94249	(20041418)
437945.69	3709608.80	7.82433	(20041418)	437974.29	3709636.41	7.98694	(20121917)
438002.88	3709664.02	9.26446	(21121817)	438031.48	3709691.63	10.25607	(20120417)
437800.26	3709473.40	8.01049	(20090918)	437766.77	3709451.07	8.51575	(20090918)
437886.62	3709415.02	6.49983	(20090918)	437914.94	3709442.35	6.51280	(20041418)
437943.25	3709469.69	6.88551	(20041418)	437971.56	3709497.02	7.06303	(20041418)
437999.87	3709524.35	7.05266	(20041418)	438028.18	3709551.68	8.87539	(21120418)
438056.49	3709579.02	9.16728	(20121917)	438084.80			

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3709606.35       10.18289  (20120417)
        438113.12   3709633.68       11.07791  (20120417)                437855.72
3709390.19        7.02290  (20090918)
        437822.23   3709367.87        7.43772  (20090918)                437941.97
3709331.70        5.81198  (20090918)
        437970.05   3709358.81        5.79592  (19101917)                437998.13
3709385.91        6.00935  (20041418)
        438026.21   3709413.02        6.24254  (20041418)                438054.28
3709440.13        7.83396  (20120217)
        438082.36   3709467.23        8.69068  (20120217)                438110.44
3709494.34        8.59481  (21120418)
        438138.52   3709521.45        9.60536  (21120319)                438166.59
3709548.55       10.30211  (21121117)
        438194.67   3709575.66       10.80460  (20120417)                437911.19
3709306.98        6.28141  (20090918)
        437877.70   3709284.66        6.66270  (20090918)                437997.34
3709248.40        5.20206  (20090918)
        438025.23   3709275.32        5.12981  (19101917)                438053.11
3709302.24        5.26326  (20041418)
        438080.99   3709329.15        6.34873  (19022718)                438108.87
3709356.07        8.15980  (18121817)
        438136.76   3709382.99        7.99457  (20120217)                438164.64
3709409.91        7.86290  (21120418)
        438192.52   3709436.83        8.90461  (21120319)                438220.40
3709463.75        9.49435  (21120319)
        438248.29   3709490.67       10.06005  (20120417)                438276.17
3709517.58       10.65177  (21120417)
        437966.66   3709223.78        5.61518  (20090918)                437933.17
3709201.45        5.93925  (20090918)
        438053.28   3709165.65        4.68159  (20090918)                438082.11
3709193.48        4.60479  (19101917)
        438110.94   3709221.31        5.53912  (21120518)                438139.76
3709249.14        7.70858  (17011818)
        438168.59   3709276.97        7.43375  (17011818)                438197.41
3709304.80        6.36313  (20120217)
        438226.24   3709332.63        6.76324  (20120217)                438255.07
3709360.46        8.26042  (21120319)
        438283.89   3709388.28        9.06702  (21120319)                438312.72
3709416.11        9.78081  (21121117)
        438341.55   3709443.94       12.71987  (17011318)                438370.37
3709471.77       13.45832  (21021218)
        438022.13   3709140.57        5.04672  (20090918)                437988.64
3709118.25        5.32723  (20090918)
        438108.64   3709082.33        4.23252  (20090918)                438137.23
3709109.94        4.15292  (18021919)
        438165.83   3709137.55        6.12265  (17022723)                438194.43
3709165.16        6.08491  (21122220)
        438223.03   3709192.77        5.00380  (20121817)                438251.62
3709220.37        4.92302  (20121817)
        438280.22   3709247.98        5.31165  (21022318)                438308.82
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                          *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
                          INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
             L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
             L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
             L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        437958.58   3710411.22       17.58672  (17012018)               437965.53
3710378.48       16.30473  (18122507)
        438056.40   3710431.98       13.08378  (17012018)               437265.29
3710160.30       88.80249  (21101617)
        437512.30   3710332.18       37.28213  (21101617)               437555.45
3710357.43       33.89806  (21101617)
        437567.36   3710337.09       31.13077  (21101617)               437617.94
3710448.63       27.90680  (21101617)
        437704.25   3710499.15       24.22879  (19021718)               437716.15
3710478.80       22.99085  (19021718)
        437814.36   3710508.97       19.84791  (19021718)               437826.27
3710488.63       19.31981  (20020818)
        437888.76   3710579.83       18.81382  (19021718)               437900.67
3710559.49       18.13786  (19021718)
        437912.58   3710539.14       17.23158  (19021718)               437998.88
3710589.66       18.11180  (19021521)
        438073.28   3710660.51       15.97273  (19021521)               438085.18
3710640.17       16.11457  (19021521)
        437259.86   3710108.07       65.78904  (20041418)               437229.34
3710080.35       89.10074  (20041418)
        437209.69   3710067.85       98.55646  (20090918)               437190.05
3710055.35       95.53222  (20090918)
        437170.40   3710042.85       80.32565  (20090918)               437150.75
3710030.35       75.13499  (17022717)
        437286.71   3710065.89       53.81841  (20041418)               437308.46
3710096.32       41.80544  (21021017)
        437256.18   3710038.17       61.12352  (20090918)               437236.54
3710025.67       68.22636  (20090918)
        437216.89   3710013.17       68.39306  (20090918)               437197.24
3710000.67       57.95650  (20090918)
        437177.60   3709988.16       53.37572  (17022717)               437315.72
3710026.75       43.01862  (20041418)
        437358.13   3710166.40       43.12267  (21101617)               437283.03
3709995.99       46.90649  (20090918)
        437263.38   3709983.49       50.77757  (20090918)               437243.73
3709970.98       50.49092  (20090918)
        437224.09   3709958.48       44.53230  (20090918)               437204.44
3709945.98       38.58876  (17022717)
        437341.95   3709983.70       35.03453  (20041418)               437407.20
3710151.47       35.62007  (20090918)
        437400.97   3710193.77       39.86808  (20090918)               437309.87
3709953.81       37.88402  (20090918)
        437290.22   3709941.30       39.80288  (20090918)               437270.58
3709928.80       39.04318  (20090918)
        437250.93   3709916.30       34.85992  (20090918)               437231.29
3709903.80       28.49315  (18120916)
        437368.45   3709941.03       28.44924  (20041418)               437440.96
3710042.47       25.54031  (20090918)
        437336.71   3709911.62       31.50999  (20090918)               437317.07
3709899.12       32.35297  (20090918)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	22.32481	(20090918)	437498.88	3709964.02	19.88156	(20090918)
437559.16	3710074.36	19.14529	(20041418)	437533.74	3710247.07	29.27360	(18012018)
437390.40	3709827.26	23.22670	(20090918)	437370.75	3709814.75	23.11791	(20090918)
437351.11	3709802.25	22.13726	(20090918)	437331.46	3709789.75	20.22058	(20090918)
437311.82	3709777.25	17.51640	(20090918)	437450.28			

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3709816.30       20.02584  (20090918)
        437463.67   3709835.03       19.66743  (20090918)                437530.61
3709928.66       18.01536  (20041418)
        437594.17   3710154.89       23.77029  (17012019)                437580.77
3710245.99       24.66216  (18012018)
        437436.89   3709797.58       20.17847  (20090918)                437417.24
3709785.07       20.40689  (20090918)
        437397.60   3709772.57       20.12273  (20090918)                437377.95
3709760.07       19.18921  (20090918)
        437358.31   3709747.57       17.58587  (20090918)                437338.66
3709735.07       15.41356  (20090918)
        437476.79   3709773.65       18.06058  (20090918)                437502.89
3709810.17       17.56995  (20090918)
        437529.00   3709846.68       16.87057  (20090918)                437555.11
3709883.20       16.65861  (20041418)
        437656.26   3710051.47       17.20182  (19021722)                437444.09
3709742.89       18.11597  (20090918)
        437424.44   3709730.39       17.75840  (20090918)                437404.80
3709717.89       16.89218  (20090918)
        437385.15   3709705.38       15.52552  (20090918)                437365.50
3709692.88       13.73545  (20090918)
        437503.38   3709731.11       16.37463  (20090918)                437528.97
3709766.91       16.10914  (20090918)
        437580.16   3709838.51       15.29114  (20041418)                437605.75
3709874.31       15.01086  (20041418)
        437631.35   3709910.11       14.58472  (20041418)                437656.94
3709945.91       14.12570  (20041418)
        437682.54   3709981.71       13.50929  (20041418)                437692.11
3710126.37       17.80422  (17012019)
        437679.29   3710213.44       19.42062  (19012102)                437470.93
3709700.71       16.21200  (20090918)
        437451.29   3709688.21       15.83011  (20090918)                437431.64
3709675.70       15.05405  (20090918)
        437411.99   3709663.20       13.86902  (20090918)                437392.35
3709650.70       12.27236  (20090918)
        437557.32   3709647.10       13.68306  (20090918)                437583.43
3709683.62       13.62782  (20090918)
        437635.64   3709756.65       12.73057  (20041418)                437661.74
3709793.17       12.84897  (20041418)
        437687.85   3709829.69       12.59860  (20041418)                437713.96
3709866.20       12.19880  (20041418)
        437740.06   3709902.72       11.69321  (20041418)                437766.17
3709939.24       10.98303  (19021722)
        437792.28   3709975.75        9.73060  (20041418)                437788.99
3710105.04       14.38672  (21012507)
        437782.45   3710149.45       14.06726  (17012019)                437775.92
3710193.86       14.61199  (21122603)
        437524.62   3709616.34       13.30463  (20090918)                437504.97
3709603.84       12.87810  (20090918)
        437485.33   3709591.34       12.22683  (20090918)                437465.68
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                   L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                   L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                   L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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        437882.64   3710105.67       10.92421  (21012507)                437879.32
3710128.20       10.12859  (21012507)
        437876.00   3710150.72       10.20741  (21012507)                437872.69
3710173.25       12.33104  (21122603)
        437869.37   3710195.78       15.21354  (19012102)                437856.11
3710285.89       13.17103  (18122507)
        437852.80   3710308.41       15.72817  (18122507)                437849.48
3710330.94       17.91376  (18122507)
        437842.85   3710375.99       17.85904  (18122507)                437839.53
3710398.52       18.12398  (17012018)
        437836.22   3710421.05       18.54841  (17012018)                437832.90
3710443.58       18.90549  (17012018)
        437829.59   3710466.10       19.14061  (20020818)                437597.95
3709544.48       11.42569  (20090918)
        437578.31   3709531.97       11.22575  (20090918)                437558.66
3709519.47       10.85011  (20090918)
        437539.01   3709506.97       10.29806  (20090918)                437519.37
3709494.47        9.58018  (20090918)
        437499.72   3709481.97        8.73864  (20090918)                437665.03
3709478.84        9.98648  (20090918)
        437678.42   3709497.56       10.07288  (20090918)                437691.80
3709516.29       10.06135  (20090918)
        437745.36   3709591.20        9.20470  (20090918)                437758.74
3709609.92        9.11710  (20041418)
        437772.13   3709628.65        9.39486  (20041418)                437785.52
3709647.38        9.56742  (20041418)
        437798.91   3709666.10        9.58120  (20041418)                437812.30
3709684.83        9.46352  (20041418)
        437825.68   3709703.56        9.40225  (20041418)                437839.07
3709722.28        9.41200  (20041418)
        437852.46   3709741.01        9.30326  (20041418)                437865.85
3709759.74        9.07319  (20041418)
        437879.24   3709778.46        8.79181  (20041418)                437892.62
3709797.19        9.09097  (19021722)
        437906.01   3709815.92        9.97651  (19021722)                437959.56
3709890.82       14.77320  (17012020)
        437986.34   3709928.27       16.42820  (19012103)                437996.37
3709969.78       16.40670  (19012103)
        437979.62   3710083.65       17.30025  (18012018)                437976.26
3710106.42       17.87900  (18012018)
        437972.91   3710129.20       18.35484  (18012018)                437969.56
3710151.97       18.61842  (18012018)
        437966.21   3710174.75       18.80916  (21012006)                437962.86
3710197.52       19.05468  (21012006)
        437952.80   3710265.85       19.16642  (18122507)                437949.45
3710288.62       17.09590  (18122507)
        437946.10   3710311.40       14.38200  (18122507)                437942.74
3710334.17       14.98315  (18122507)
        437939.39   3710356.94       16.91860  (18122507)                437936.04
3710379.72       17.41567  (18122507)
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        437932.69   3710402.49       17.84990  (17012018)               437929.34
3710425.27       17.90022  (17012018)
        437925.98   3710448.04       17.57584  (17012018)               437922.63
3710470.82       17.10080  (20020818)
        437919.28   3710493.59       17.10061  (20020818)               437915.93
3710516.37       17.00362  (20020818)
        437651.64   3709460.11        9.79721  (20090918)               437631.99
3709447.61        9.60572  (20090918)
        437612.35   3709435.11        9.28323  (20090918)               437592.70
3709422.60        8.83147  (20090918)
        437573.06   3709410.10        8.26149  (20090918)               437553.41
3709397.60        7.58826  (20090918)
        437718.83   3709394.63        8.55396  (20090918)               437732.33
3709413.52        8.64421  (20090918)
        437745.84   3709432.41        8.65854  (20090918)               437799.85
3709507.96        8.03745  (20090918)
        437813.35   3709526.85        7.71564  (20090918)               437826.86
3709545.74        7.97116  (20041418)
        437840.36   3709564.62        8.16643  (20041418)               437853.86
3709583.51        8.23337  (20041418)
        437867.37   3709602.40        8.31175  (20041418)               437880.87
3709621.29        8.38982  (20041418)
        437894.37   3709640.18        8.44769  (20041418)               437907.88
3709659.06        8.37202  (20041418)
        437921.38   3709677.95        8.21589  (20041418)               437934.88
3709696.84        8.00686  (20041418)
        437948.39   3709715.73        8.51556  (21121817)               437975.40
3709753.50        9.83452  (17012020)
        438056.42   3709866.83       14.55728  (17012020)               438069.92
3709885.72       15.15221  (19012103)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438083.42	3709904.61	15.95204	(19012103)	438093.54	3709946.47	17.23659	(21020718)
438090.16	3709969.44	17.43233	(21120817)	438076.64	3710061.32	18.12173	(18122505)
438073.26	3710084.29	18.09193	(21121419)	438069.88	3710107.26	18.14971	(19012024)
438066.50	3710130.24	18.15273	(18021618)	438063.12	3710153.21	18.19036	(20122117)
438059.74	3710176.18	18.32554	(20122117)	438042.83	3710291.03	19.93924	(18122503)
438039.45	3710314.00	21.04296	(18122503)	438036.07	3710336.97	20.45577	(18122507)
438032.69	3710359.95	16.11777	(18122507)	438029.31	3710382.92	11.06908	(18122507)
438025.93	3710405.89	13.70123	(17012018)	438022.55	3710428.86	15.54100	(17012018)
438019.17	3710451.83	16.63746	(17012018)	438015.78	3710474.80	17.03904	(17012018)
438012.40	3710497.77	17.75631	(20020818)	438009.02	3710520.74	18.20790	(20020818)
438005.64	3710543.71	18.26732	(20020818)	438002.26	3710566.68	17.84720	(20020818)
437705.33	3709375.74	8.38884	(20090918)	437685.68	3709363.24	8.23102	(20090918)
437666.04	3709350.74	8.01202	(20090918)	437646.39	3709338.24	7.66999	(20090918)
437626.74	3709325.74	7.21408	(20090918)	437607.10	3709313.23	6.67229	(20090918)
437772.20	3709309.82	7.50323	(20090918)	437785.39	3709328.26	7.58210	(20090918)
437798.57	3709346.71	7.59765	(20090918)	437851.31	3709420.48	7.08762	(20090918)
437864.50	3709438.92	6.83546	(20090918)	437877.68	3709457.36	6.69695	(19101917)
437890.87	3709475.81	6.87315	(20041418)	437904.05	3709494.25	7.09194	(20041418)
437917.24	3709512.69	7.26895	(20041418)	437930.42	3709531.14	7.45752	(20041418)
437943.61	3709549.58	7.56861	(20041418)	437956.79	3709568.02	7.57813	(20041418)
437969.98	3709586.46	7.52128	(20041418)	437983.16			

3709604.91 7.92869 (21120418)
  437996.35 3709623.35 8.68704 (20121917) 438009.53
3709641.79 9.12200 (21121817)
  438154.57 3709844.66 14.43592 (19012103) 438167.75
3709863.11 14.48747 (19012103)
  438180.94 3709881.55 14.49238 (19012103) 438190.82
3709922.42 14.79857 (18122505)
  438171.02 3710057.00 16.92343 (18122505) 438167.71
3710079.43 17.09555 (21121419)
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3710146.72 17.60144 (18021618)
  438154.51 3710169.15 17.57575 (20122117) 438138.00
3710281.29 16.21016 (21021818)
  438134.70 3710303.72 16.76375 (21090924) 438131.40
3710326.15 17.72075 (21090924)
  438124.80 3710371.01 19.75924 (17021619) 438121.50
3710393.44 19.97588 (18122506)
  438111.59 3710460.73 16.85381 (17012018) 438108.29
3710483.16 14.79316 (17012018)
  438101.69 3710528.02 13.03299 (20020818) 438098.39
3710550.45 13.35645 (20020818)
  438095.09 3710572.88 13.90212 (20020818) 438088.49
3710617.74 15.79835 (19021718)
  437759.02 3709291.38 7.36204 (20090918) 437739.37
3709278.88 7.21842 (20090918)
  437719.72 3709266.37 6.99542 (20090918) 437700.08
3709253.87 6.69577 (20090918)
  437680.43 3709241.37 6.32417 (20090918) 437660.79
3709228.87 5.89346 (20090918)
  437826.00 3709225.61 6.70375 (20090918) 437839.29
3709244.21 6.79127 (20090918)
  437852.59 3709262.80 6.81500 (20090918) 437905.77
3709337.19 6.34950 (20090918)
  437919.06 3709355.78 6.12396 (20090918) 437932.36
3709374.38 5.98877 (19101917)
  437945.65 3709392.98 6.10716 (19101917) 437958.95
3709411.57 6.26855 (20041418)
  437972.24 3709430.17 6.46990 (20041418) 437985.54
3709448.77 6.62632 (20041418)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230

```
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437998.83   3709467.36        6.72847  (20041418)               438012.13
3709485.96        6.79967  (20041418)
        438025.42   3709504.56        7.67852  (20120217)               438038.72
3709523.15        8.59004  (21120418)
        438052.01   3709541.75        8.98379  (21120418)               438131.78
3709653.33       11.00034  (21120317)
        438238.14   3709802.10       15.81834  (21120119)               438251.44
3709820.70       15.72493  (21120119)
        438264.73   3709839.29       15.54586  (21020718)               438278.03
3709857.89       15.42982  (21020718)
        438287.99   3709899.10       15.01526  (18022419)               438284.66
3709921.72       15.09001  (18022419)
        438281.34   3709944.34       15.41479  (18022419)               438264.69
3710057.42       15.97994  (21121419)
        438261.36   3710080.04       16.18117  (21121419)               438258.04
3710102.65       16.43360  (19012024)
        438254.71   3710125.27       16.63815  (19012024)               438251.38
3710147.88       16.78100  (18021618)
        438234.73   3710260.97       16.93715  (18122503)               438231.41
3710283.58       16.87067  (18122503)
        438228.08   3710306.20       16.24968  (21090924)               438224.75
3710328.82       15.40500  (21090924)
        438221.42   3710351.43       14.66619  (17012318)               438218.09
3710374.05       14.56109  (19080520)
        438201.45   3710487.13       18.66083  (17121917)               438198.12
3710509.75       19.00908  (17010518)
        438194.79   3710532.37       19.56673  (21010117)               438191.46
3710554.98       20.01360  (21010117)
        438188.13   3710577.60       20.03312  (21010117)               438184.80
3710600.21       19.76748  (20012117)
        438181.48   3710622.83       19.90939  (20012117)               438178.15
3710645.45       20.10118  (20012117)
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        437812.70   3709207.01        6.56270  (20090918)               437793.06
3709194.51        6.41780  (20090918)
        437773.41   3709182.01        6.22415  (20090918)               437753.77
3709169.51        5.96867  (20090918)
        437734.12   3709157.00        5.65632  (20090918)               437714.47
3709144.50        5.29457  (20090918)
        437879.78   3709141.37        5.99413  (20090918)               437893.17
3709160.10        6.05634  (20090918)
        437906.55   3709178.83        6.07256  (20090918)               437946.72
3709235.01        5.84193  (20090918)
        437960.11   3709253.73        5.67714  (20090918)               437973.49
3709272.46        5.47505  (20090918)
        437986.88   3709291.19        5.25403  (19101917)               438000.27
3709309.91        5.38689  (19101917)
        438013.66   3709328.64        5.48591  (19101917)               438027.05
3709347.36        5.64487  (20041418)
        438040.43   3709366.09        5.85199  (20041418)               438053.82
3709384.82        6.04436  (20121817)
        438067.21   3709403.54        7.30775  (18121817)               438080.60
3709422.27        8.42854  (20120217)
        438093.99   3709441.00        8.50847  (20120217)               438107.37
3709459.72        8.40440  (21120418)
        438134.15   3709497.18        8.88299  (20121917)               438214.48
3709609.54       11.10784  (21120417)
        438321.58   3709759.35       14.29398  (19021619)               438334.97
3709778.08       14.20559  (19071519)
        438348.36   3709796.80       14.25394  (19071519)               438361.74
3709815.53       13.88867  (19071519)
        438375.13   3709834.26       13.30894  (19071519)               438385.17
3709875.76       11.83352  (18061306)
        438381.82   3709898.53       11.53067  (18061306)               438378.46
3709921.31       11.34652  (18061306)
        438361.70   3710035.18       13.52794  (19070606)               438358.35
3710057.95       13.98625  (19070606)
        438355.00   3710080.73       14.35822  (19070606)               438351.65
3710103.50       14.65619  (19070606)
        438348.30   3710126.28       15.38945  (20122117)               438344.94
3710149.05       15.90270  (20122117)
        438328.18   3710262.93       16.11992  (18122503)               438324.83
3710285.70       16.66196  (18122503)
        438321.48   3710308.47       17.07280  (18122503)               438318.13
3710331.25       17.28863  (18122503)
        438314.78   3710354.02       17.28291  (17021619)               438311.43
3710376.80       17.14117  (17021619)
        438294.67   3710490.67       15.62845  (18092919)               438291.31
3710513.45       15.39541  (17010518)
        438287.96   3710536.22       14.99329  (17010518)               438284.61
3710559.00       14.62856  (21010117)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                            INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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3709358.53        7.77667  (20120217)
        438162.50   3709377.36        7.50673  (20120217)                438283.70
3709546.91       11.26289  (21120417)
        438310.64   3709584.58       11.92627  (20021022)                438418.38
3709735.29       13.71932  (21120119)
        438431.85   3709754.12       13.86917  (21120119)                438445.32
3709772.96       14.01497  (21020718)
        438458.78   3709791.80       13.91810  (21020718)                438472.25
3709810.64       13.61159  (20090920)
        438482.35   3709852.39       13.05832  (19071519)                438478.97
3709875.30       12.15939  (19071519)
        438475.60   3709898.21       11.56087  (18061306)                438472.23
3709921.12       11.13228  (20060219)
        438458.74   3710012.76       10.90144  (19070606)                438455.37
3710035.67       11.11348  (19070606)
        438452.00   3710058.58       11.25774  (19070606)                438448.63
3710081.49       11.46812  (19070606)
        438445.26   3710104.40       12.00233  (20062006)                438441.88
3710127.31       13.01111  (20062006)
        438425.02   3710241.86       14.99248  (18031507)                438421.65
3710264.77       15.05722  (18122504)
        438418.28   3710287.68       15.01101  (18122503)                438414.91
3710310.59       14.71345  (21090924)
        438411.54   3710333.50       14.61305  (21090924)                438408.16
3710356.41       14.54304  (17012318)
        438387.93   3710493.87       16.55417  (17121917)                438384.56
3710516.78       16.71225  (17121917)
        438381.19   3710539.69       16.70141  (17010518)                438377.82
3710562.60       16.65840  (17010518)
        438374.45   3710585.51       16.45904  (21010117)                438371.07
3710608.42       15.91768  (20123124)
        437920.08   3709038.28        5.29528  (20090918)                437900.43
3709025.78        5.19896  (20090918)
        437880.79   3709013.28        5.05660  (20090918)                437861.14
3709000.77        4.86974  (20090918)
        437841.49   3708988.27        4.64108  (20090918)                437821.85
3708975.77        4.37535  (20090918)
        437987.30   3708972.85        4.87602  (20090918)                438000.84
3708991.78        4.93659  (20090918)
        438014.38   3709010.72        4.94486  (20090918)                438054.99
3709067.52        4.74053  (20090918)
        438068.52   3709086.46        4.62095  (20090918)                438082.06
3709105.39        4.47032  (20090918)
        438095.60   3709124.33        4.29421  (20090918)                438109.13
3709143.26        4.29723  (19101917)
        438122.67   3709162.19        4.42371  (19101917)                438136.21
3709181.13        4.57550  (18021919)
        438149.74   3709200.06        6.07031  (21122220)                438163.28
3709219.00        7.20726  (17011818)
        438176.82   3709237.93        7.44621  (17011818)                438190.35
```

3709256.87   6.69944 (18121817)
        438203.89   3709275.80   5.99343 (20120217)   438366.33
3709503.02   13.42387 (21120517)
        438379.87   3709521.95   13.26709 (21120517)   438393.40
3709540.89   13.24641 (18120123)
        438406.94   3709559.82   13.31600 (20021021)   438420.48
3709578.76   13.34980 (20021021)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                  L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                  L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                  L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        438538.86   3710105.33       11.34796  (20062006)               438518.52
3710243.50       13.89950  (18122504)
        438515.13   3710266.53       13.98708  (18122504)               438511.74
3710289.55       14.05131  (21021818)
        438508.35   3710312.58       14.16253  (18122503)               438504.97
3710335.61       14.10808  (21090924)
        438498.19   3710381.66       12.82168  (17012318)               438481.24
3710496.80       12.22361  (17121917)
        438477.85   3710519.83       12.40603  (17121917)               438474.46
3710542.86       12.89273  (17010518)
        438471.07   3710565.89       13.52079  (17010518)               437973.77
3708953.91        4.78879  (20090918)
        437954.12   3708941.41        4.70202  (20090918)               437934.47
3708928.91        4.57540  (20090918)
        437914.83   3708916.41        4.41099  (20090918)               437895.18
3708903.91        4.21259  (20090918)
        437875.54   3708891.40        3.98747  (20090918)               438040.77
3708888.18        4.42016  (20090918)
        438054.09   3708906.81        4.46909  (20090918)               438067.41
3708925.44        4.48608  (20090918)
        438080.73   3708944.07        4.46932  (20090918)               438094.05
3708962.70        4.41654  (20090918)
        438107.37   3708981.33        4.32685  (20090918)               438120.69
3708999.96        4.21438  (20090918)
        438134.01   3709018.60        4.08403  (20090918)               438147.33
3709037.23        3.94069  (20090918)
        438160.65   3709055.86        4.40027  (18021718)               438173.97
3709074.49        5.76261  (19021118)
        438187.29   3709093.12        7.00778  (17022723)               438200.61
3709111.75        7.36596  (17022723)
        438213.93   3709130.38        7.13503  (21122220)               438227.25
3709149.01        6.23216  (17011818)
        438240.57   3709167.64        5.25960  (19022718)               438253.89
3709186.27        4.97446  (20121817)
        438280.53   3709223.54        5.10725  (21022318)               438400.40
3709391.22       12.85288  (21090721)
        438413.72   3709409.85       12.62785  (21090721)               438427.04
3709428.48       12.49907  (17040119)
        438440.36   3709447.11       12.45823  (21120818)               438453.68
3709465.74       12.53448  (21120818)
        438467.00   3709484.37       12.47899  (21120818)               438480.32
3709503.00       12.24588  (18081706)
        438493.64   3709521.63       12.05635  (18081706)               438506.96
3709540.26       11.82000  (21092707)
        438573.56   3709633.42       12.04378  (20092119)               438600.20
3709670.68       12.34906  (19071519)
        438613.52   3709689.31       12.45829  (19071519)               438626.84
3709707.94       12.49887  (19071519)
        438640.16   3709726.57       12.45902  (19071519)               438653.48
3709745.21       12.35388  (19071519)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	11.69357	(21090924)	438590.07	3710394.25	12.43546	(17012318)
438576.73	3710484.88	11.45163	(20042419)	438573.40	3710507.54	11.40438	(17121917)
438570.06	3710530.20	11.36986	(17121917)	438566.73			

3710552.85 11.28984 (17010518)
438027.45 3708869.55 4.33698 (20090918) 438007.81
3708857.05 4.26043 (20090918)
437988.16 3708844.54 4.15280 (20090918) 437968.52
3708832.04 4.01503 (20090918)
437948.87 3708819.54 3.84756 (20090918) 437929.22
3708807.04 3.65354 (20090918)
437106.84 3710028.10 68.98970 (19020216) 437074.68
3710047.98 84.39311 (20013119)
437056.82 3710062.36 94.69377 (21011503) 437038.96
3710076.75 101.79449 (20050705)
437080.24 3709987.33 62.31464 (20122418) 437138.10
3709977.84 55.19835 (17022717)
437043.32 3710009.03 79.31785 (20013119) 437025.46
3710023.42 86.28698 (21011503)
437007.60 3710037.81 91.65107 (20012122) 437046.97
3709949.12 63.84958 (18010424)
437081.27 3709935.94 53.98084 (17021223) 437133.34
3709927.41 40.23639 (17022717)
437168.89 3709936.69 42.49337 (17022717) 437011.96
3709970.09 75.81267 (21011503)
436994.10 3709984.48 81.58062 (20012122) 436976.23
3709998.87 81.16730 (20012122)
437017.52 3709909.44 61.50133 (20013119) 437055.62
3709894.80 54.96278 (19013120)
437093.73 3709880.16 45.37913 (18010318) 437132.54
3709878.00 38.68402 (18012901)
437172.04 3709888.32 34.13451 (17022717) 436980.60
3709931.15 68.50285 (21011503)
436962.73 3709945.54 73.74798 (20012122) 436944.87
3709959.93 67.93798 (20012122)
436987.51 3709869.98 55.51568 (20013007) 437028.35
3709854.29 53.34038 (18010424)
437069.18 3709838.60 42.58667 (21013120) 437131.17
3709828.45 31.96553 (18012901)
437173.49 3709839.50 27.80402 (17022717) 437215.81
3709850.56 25.99466 (17022717)
436949.24 3709892.21 61.50142 (20012122) 436931.37
3709906.60 67.53351 (20012122)
436913.51 3709920.98 62.20196 (20012122) 436954.79
3709831.56 55.97529 (17122620)
436992.90 3709816.92 59.48386 (18011620) 437031.01
3709802.28 59.05862 (20121819)
437069.12 3709787.64 51.80040 (20120618) 437126.98
3709778.15 29.28565 (18012901)
437166.48 3709788.47 22.41293 (17022717) 437205.97
3709798.79 22.64886 (17022717)
437245.47 3709809.11 20.35315 (17022717) 436917.87
3709853.27 58.67773 (20012122)
436900.01 3709867.66 60.69756 (20012122) 436882.15

3709882.04   58.27863 (20012122)
        436924.38   3709792.25   51.45034 (20110517)   436964.40
3709776.88   51.91067 (21120608)
        437004.41   3709761.51   52.22270 (17020808)   437044.42
3709746.13   53.96153 (17020808)
        437084.44   3709730.76   53.25855 (17012108)   437125.18
3709728.49   49.23144 (18010218)
        437166.66   3709739.32   18.88167 (17022717)   437208.13
3709750.16   19.45636 (17022717)
        437249.61   3709761.00   17.79322 (17022717)   436886.51
3709814.33   54.38287 (20012122)
        436868.65   3709828.72   53.28351 (20012122)   436850.78
3709843.10   48.43528 (20012122)
        436893.80   3709753.01   45.14389 (17070206)   436935.37
3709737.04   45.95752 (21120608)
        436976.95   3709721.07   45.15824 (21020103)   437018.52
3709705.10   47.65103 (17020808)
        437060.09   3709689.12   45.84952 (17012108)   437123.21
3709678.78   45.21255 (18010522)
        437166.30   3709690.04   42.98260 (19012818)   437209.39
3709701.29   16.88635 (17022717)
        437252.48   3709712.55   15.72676 (17022717)   437295.57
3709723.81   14.14778 (17123120)
        436855.15   3709775.39   44.75674 (20012122)   436837.29
3709789.77   43.84130 (20012122)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                  L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                  L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                  L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436819.42	3709804.16	40.45571	(21112723)	436861.44	3709714.46	39.67304	(19012719)
436901.01	3709699.25	41.59326	(20110517)	436940.59	3709684.05	42.58930	(21120608)
436980.16	3709668.84	42.61600	(17121318)	437019.74	3709653.64	42.49648	(17021420)
437059.31	3709638.43	42.05973	(17012108)	437119.39	3709628.58	40.52375	(17072906)
437160.41	3709639.30	42.92296	(21121818)	437201.43	3709650.02	33.57078	(17011719)
437242.45	3709660.73	14.34673	(17022717)	437283.47	3709671.45	12.72424	(17022717)
437324.49	3709682.17	12.07870	(18120916)	436823.79	3709736.45	41.27860	(20012122)
436805.92	3709750.83	39.91345	(20012122)	436788.06	3709765.22	37.81105	(21112723)
436830.70	3709675.27	36.61702	(18020219)	436871.53	3709659.59	38.04665	(21011604)
436912.37	3709643.90	39.99071	(21120608)	436953.20	3709628.21	40.78413	(18122019)
436994.03	3709612.52	41.08362	(17020808)	437034.86	3709596.84	39.27645	(18121017)
437075.69	3709581.15	37.38291	(17012108)	437117.26	3709578.83	37.24307	(17072906)
437159.59	3709589.89	38.70829	(21020221)	437201.91	3709600.95	36.56408	(18120701)
437244.23	3709612.00	14.93349	(17120817)	437286.55	3709623.06	11.50359	(17022717)
437328.87	3709634.11	10.27215	(18120916)	436792.42	3709697.51	38.40033	(20012122)
436774.56	3709711.89	36.60329	(20012122)	436756.70	3709726.28	35.41631	(21112723)
436767.74	3709597.48	33.70349	(20012122)	436808.09	3709581.98	34.84416	(20090520)
436848.44	3709566.48	35.70181	(17122818)	436888.79	3709550.97	36.45802	(21120608)
436929.14	3709535.47	36.96605	(18122019)	436969.49	3709519.97	36.76025	(20121322)
437009.84	3709504.47	35.50971	(21122120)	437050.19	3709488.96	33.95091	(17012108)
437111.45	3709478.92	33.28336	(17072906)	437153.28	3709489.85	34.42603	(17072906)
437195.10	3709500.77	34.39120	(20122403)	437236.92	3709511.70	19.72215	(18011719)
437278.74	3709522.63	9.83429	(17022717)	437320.57	3709533.55	8.66101	(17022717)

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        437362.39   3709544.48        8.15462  (18120916)               437404.21
3709555.41        8.80542  (18120916)
        436729.70   3709619.62       33.88932  (20012122)               436711.84
3709634.01       31.30449  (20012122)
        436693.97   3709648.40       31.76997  (21112723)               436705.90
3709519.26       30.88844  (20012122)
        436726.96   3709511.17       30.40985  (18020219)               436748.02
3709503.08       30.46011  (18011119)
        436769.08   3709494.99       31.45039  (20090520)               436790.14
3709486.90       31.62905  (17122818)
        436811.20   3709478.80       31.92448  (17122818)               436832.26
3709470.71       32.06722  (17122319)
        436853.32   3709462.62       32.61762  (19122301)               436874.38
3709454.53       32.73451  (18011620)
        436895.44   3709446.44       32.87735  (18010619)               436916.50
3709438.35       33.17897  (18122019)
        436937.56   3709430.25       32.99030  (20121322)               436958.62
3709422.16       32.73434  (17021420)
        436979.68   3709414.07       32.19434  (17021420)               437000.74
3709405.98       31.85657  (17101619)
        437021.80   3709397.89       31.43704  (18121017)               437042.86
3709389.80       30.40489  (18013018)
        437063.92   3709381.70       29.47341  (20122924)               437106.81
3709379.32       29.65346  (17072906)
        437128.64   3709385.02       31.41768  (17072906)               437150.47
3709390.72       31.44273  (17072906)
        437172.30   3709396.42       31.68675  (21020221)               437194.12
3709402.13       30.82289  (18120701)
        437237.78   3709413.53       13.94185  (18020419)               437259.61
3709419.24        8.40401  (17022717)
        437281.44   3709424.94        8.23848  (17022717)               437303.27
3709430.64        7.89985  (17022717)
        437346.92   3709442.05        7.21871  (20021019)               437368.75
3709447.75        7.15918  (20021019)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 369
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
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L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	7.14442	(17123120)	437412.41	3709459.16	7.15458	(17123120)
437434.24	3709464.86	7.14976	(18120916)	437456.07	3709470.56	7.29816	(18120916)
437477.89	3709476.26	7.94534	(20090918)	436684.84	3709527.35	30.76703	(20012122)
436666.98	3709541.74	29.25655	(20012122)	436649.11	3709556.13	27.97256	(21112723)
436631.25	3709570.51	28.71658	(21112723)	436642.90	3709441.49	28.06705	(20012122)
436684.47	3709425.51	27.50097	(18020219)	436726.05	3709409.54	28.18979	(20090520)
436767.62	3709393.57	28.76329	(17122818)	436809.19	3709377.59	29.21806	(21010118)
436850.77	3709361.62	29.42318	(21013020)	436892.34	3709345.65	29.80840	(18122019)
436933.91	3709329.67	29.39930	(18010119)	436975.49	3709313.70	28.68585	(17101619)
437017.06	3709297.73	27.45271	(18013018)	437058.63	3709281.75	26.30183	(20122924)
437100.97	3709279.40	25.90823	(21122222)	437144.06	3709290.65	26.69527	(17072906)
437187.15	3709301.91	28.60316	(21020221)	437230.24	3709313.17	23.14302	(19122017)
437273.33	3709324.43	7.05890	(17022717)	437316.42	3709335.68	6.66662	(17022717)
437359.51	3709346.94	6.27679	(20021019)	437402.60	3709358.20	6.07038	(20021019)
437445.69	3709369.46	5.95681	(17123120)	437488.78	3709380.71	6.07396	(18120916)
436604.25	3709463.86	25.54010	(20012122)	436586.39	3709478.24	25.67788	(18101406)
436568.52	3709492.63	26.08103	(18101406)	436579.97	3709363.68	25.17655	(20012122)
436621.13	3709347.87	24.49390	(20012122)	436662.28	3709332.06	24.92992	(21011503)
436703.44	3709316.24	25.59860	(20090520)	436744.60			

3709300.43   26.08435 (18121919)
        436785.76   3709284.62   26.44403 (19122301)   436826.91
3709268.80   26.64150 (21020205)
        436868.07   3709252.99   26.88440 (20121819)   436909.23
3709237.18   26.22935 (18010119)
        436950.39   3709221.36   24.76828 (21122120)   436991.54
3709205.55   27.25766 (17012108)
        437032.70   3709189.74   27.71092 (17022124)   437095.19
3709179.50   27.21998 (21122222)
        437137.85   3709190.64   26.66992 (21121818)   437180.51
3709201.79   26.44960 (21020221)
        437223.17   3709212.93   23.85327 (19122017)   437265.83
3709224.08   10.61010 (21020222)
        437308.48   3709235.22   5.92197 (17022717)   437351.14
3709246.36   5.54203 (20021019)
        437393.80   3709257.51   5.49434 (20021019)   437436.46
3709268.65   5.30866 (18021922)
        437479.12   3709279.80   5.23108 (17123120)   437521.78
3709290.94   5.23759 (17022120)
        437564.44   3709302.09   5.63722 (20090918)   436541.53
3709385.98   22.68748 (21011601)
        436523.66   3709400.36   23.41022 (18101406)   436505.80
3709414.75   23.53989 (18101406)
        436517.84   3709285.57   22.53283 (20012122)   436539.01
3709277.44   23.12770 (20012122)
        436560.18   3709269.30   22.82164 (20012122)   436581.35
3709261.17   22.29525 (21011221)
        436602.52   3709253.03   22.35078 (18020219)   436623.70
3709244.90   22.52015 (21011503)
        436644.87   3709236.77   22.86642 (20090520)   436666.04
3709228.63   22.94973 (21123024)
        436687.21   3709220.50   23.31671 (17122818)   436708.38
3709212.36   23.51981 (18121919)
        436729.55   3709204.23   23.45140 (18121919)   436750.73
3709196.09   23.84729 (19122301)
        436771.90   3709187.96   24.09971 (18011620)   436793.07
3709179.83   23.99576 (21020205)
        436814.24   3709171.69   24.05951 (21020205)   436835.41
3709163.56   24.26168 (18122019)
        436856.58   3709155.42   24.31502 (20121819)   436877.75
3709147.29   24.07671 (20121322)
        436898.93   3709139.15   23.91363 (18010119)   436920.10
3709131.02   23.42957 (17021420)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***

INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436941.27	3709122.88	23.02450	(17101619)	436962.44	3709114.75	22.61857	(17012108)
436983.61	3709106.62	23.79772	(17012108)	437004.78	3709098.48	24.97506	(17012108)
437025.96	3709090.35	25.19375	(17022124)	437047.13	3709082.21	25.24670	(19120518)
437090.24	3709079.81	24.38326	(21013119)	437112.19	3709085.54	23.55139	(21020202)
437134.13	3709091.28	22.52396	(21020202)	437156.07	3709097.01	21.14705	(19012818)
437178.02	3709102.74	19.59487	(18120701)	437199.96	3709108.48	17.99027	(17011719)
437221.91	3709114.21	15.91761	(17011719)	437243.85	3709119.94	13.31119	(17011719)
437265.79	3709125.67	10.70355	(18011719)	437287.74	3709131.41	8.72891	(17020424)
437309.68	3709137.14	7.11677	(17120817)	437331.63	3709142.87	5.73949	(19123021)
437353.57	3709148.61	4.96321	(20021019)	437375.51	3709154.34	4.87678	(20021019)
437397.46	3709160.07	4.82934	(20021019)	437419.40	3709165.81	4.80656	(20021019)
437441.35	3709171.54	4.75372	(20021019)	437463.29	3709177.27	4.70712	(17123120)
437485.23	3709183.00	4.69974	(17123120)	437507.18	3709188.74	4.66126	(17123120)
437529.12	3709194.47	4.66109	(17022120)	437551.07	3709200.20	4.67460	(17022120)

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        437573.01   3709205.94        4.66220  (17022120)               437594.95
3709211.67        4.66975  (17021020)
        437616.90   3709217.40        5.05458  (20090918)               437638.84
3709223.14        5.49692  (20090918)
        436496.67   3709293.71       21.17193  (20012122)               436478.80
3709308.09       20.72014  (21011601)
        436460.94   3709322.48       21.44522  (18101406)               436443.08
3709336.87       21.41437  (18101406)
        436454.90   3709207.77       20.08957  (20012122)               436496.82
3709191.67       21.08629  (20012122)
        436517.78   3709183.61       20.49888  (20012122)               436559.70
3709167.51       20.31461  (18020219)
        436601.62   3709151.40       20.76835  (20090520)               436622.58
3709143.35       20.88043  (20090520)
        436664.50   3709127.24       21.19096  (18121919)               436706.42
3709111.13       21.47903  (21010118)
        436727.38   3709103.08       21.51345  (19122301)               436769.30
3709086.98       21.69249  (21020205)
        436811.22   3709070.87       21.88582  (18122019)               436853.14
3709054.76       21.56033  (20121322)
        436895.06   3709038.66       21.01435  (17021420)               436916.02
3709030.60       20.78244  (21122120)
        436957.94   3709014.50       21.11643  (17012108)               436999.86
3708998.39       20.15863  (17022124)
        437020.82   3708990.34       20.08419  (20122924)               437084.46
3708979.91       20.46379  (17072906)
        437127.91   3708991.26       22.79552  (17072906)               437171.36
3709002.61       21.91017  (18120701)
        437214.81   3709013.96       13.90058  (17011719)               437258.26
3709025.31        8.91559  (18020419)
        437301.71   3709036.66        6.72587  (17120817)               437345.16
3709048.02        5.42860  (19123021)
        437388.61   3709059.37        4.64697  (20021019)               437432.05
3709070.72        4.40528  (20021019)
        437475.50   3709082.07        4.18183  (18021922)               437518.95
3709093.42        4.09147  (17123120)
        437562.40   3709104.77        4.08576  (17022120)               437605.85
3709116.12        4.13033  (17022120)
        437649.30   3709127.48        4.19261  (20090918)               436416.08
3709230.21       19.10302  (18101406)
        436398.22   3709244.60       19.71291  (18101406)               436380.35
3709258.98       19.57861  (18101406)
        436392.00   3709129.96       17.85363  (20012122)               436433.58
3709113.98       19.32993  (20012122)
        436475.15   3709098.01       18.54764  (20012122)               436516.72
3709082.04       18.60988  (21021723)
        436558.30   3709066.06       19.01605  (20090520)               436599.87
3709050.09       19.23154  (17122818)
        436641.44   3709034.12       19.45334  (18121919)               436683.02
3709018.14       19.63140  (19122301)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                  INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436807.74   3708970.23   19.92338 (20121819)   436849.31
3708954.25   19.67016 (18010119)
        436890.88   3708938.28   19.41691 (21122120)   436932.46
3708922.31   19.49066 (18121017)
        436974.03   3708906.33   19.22029 (18013018)   437015.60
3708890.36   18.92581 (20122924)
        437078.72   3708880.02   19.01193 (17072906)   437121.81
3708891.27   21.19162 (17072906)
        437164.90   3708902.53   20.92501 (18120701)   437207.99
3708913.79   15.81623 (18120701)
        437251.08   3708925.05   8.22300 (17011719)   437294.17
3708936.30   5.29783 (17120817)
        437337.26   3708947.56   4.27400 (19123021)   437380.35
3708958.82   4.05933 (20021019)
        437423.44   3708970.08   4.01771 (20021019)   437466.53
3708981.33   3.91364 (20021019)
        437509.62   3708992.59   3.80534 (17123120)   437552.71
3709003.85   3.74777 (17123120)
        437595.80   3709015.11   3.72092 (17022120)   437638.89

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3709026.36        3.79168  (17022120)
        437681.98   3709037.62        3.81644  (17021020)                437725.07
3709048.88        4.20178  (20090918)
        436353.35   3709152.33       17.59550  (18101406)                436335.49
3709166.72       18.04190  (18101406)
        436317.63   3709181.10       17.93096  (18101406)                436329.73
3709051.90       16.19163  (21121703)
        436350.96   3709043.74       17.13203  (20012122)                436372.19
3709035.59       17.79475  (20012122)
        436393.42   3709027.43       17.96509  (20012122)                436414.65
3709019.27       17.60187  (20012122)
        436435.89   3709011.11       17.01481  (21011221)                436457.12
3709002.96       17.23941  (18020219)
        436478.35   3708994.80       17.10639  (21021723)                436499.58
3708986.64       17.36812  (18011119)
        436520.81   3708978.48       17.57405  (20090520)                436542.05
3708970.33       17.61700  (20090520)
        436563.28   3708962.17       17.74775  (17122818)                436584.51
3708954.01       17.74120  (17122818)
        436605.74   3708945.85       17.97955  (18121919)                436626.97
3708937.70       17.80437  (21120124)
        436648.21   3708929.54       18.12220  (19122301)                436669.44
3708921.38       18.14500  (18011620)
        436690.67   3708913.22       18.27130  (18011620)                436711.90
3708905.06       18.24062  (21020205)
        436733.13   3708896.91       18.14938  (21020205)                436754.37
3708888.75       18.39513  (18122019)
        436775.60   3708880.59       18.43494  (20121819)                436796.83
3708872.43       18.23792  (20121322)
        436818.06   3708864.28       18.19538  (18010119)                436839.29
3708856.12       18.18168  (17021420)
        436860.53   3708847.96       17.95549  (17021420)                436881.76
3708839.80       17.97789  (21122120)
        436902.99   3708831.65       17.90733  (17101619)                436924.22
3708823.49       18.11915  (18121017)
        436945.45   3708815.33       18.04230  (19120619)                436966.69
3708807.17       17.93809  (18120703)
        436987.92   3708799.01       17.91567  (20122924)                437009.15
3708790.86       17.40439  (20122924)
        437030.38   3708782.70       17.11603  (21013119)                437073.62
3708780.29       17.90401  (17072906)
        437095.63   3708786.04       19.11785  (17072906)                437117.64
3708791.79       19.75301  (17072906)
        437139.64   3708797.54       19.95626  (21121818)                437161.65
3708803.29       19.60742  (18120701)
        437183.66   3708809.04       18.60796  (18120701)                437205.66
3708814.79       15.74365  (18120701)
        437227.67   3708820.54       11.66780  (17011719)                437249.68
3708826.29        7.01601  (17011719)
        437271.68   3708832.04        5.52618  (17120817)                437293.69
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3708837.78 4.86433 (17120817)
  437315.70 3708843.53 4.25973 (19123021) 437337.70
3708849.28 3.82638 (19123021)
  437359.71 3708855.03 3.66700 (19123021) 437381.72
3708860.78 3.68958 (20021019)
  437403.72 3708866.53 3.69622 (20021019) 437425.73
3708872.28 3.67014 (20021019)
  437447.74 3708878.03 3.62962 (20021019) 437469.74
3708883.78 3.58462 (20021019)
  437491.75 3708889.53 3.52968 (20021019) 437513.75
3708895.28 3.47981 (18021922)
↟ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass BESS\Compass\Compass.isc *** 11/21/25
 *** AERMET - VERSION 22112 *** *** *** 07:59:17

PAGE 372
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
  L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
  L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
  L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437755.83   3708958.52        3.55369  (20090918)              437777.83
3708964.27        3.84746  (20090918)
        437799.84   3708970.02        4.12528  (20090918)              436308.49
3709060.06       15.81673  (21011601)
        436290.63   3709074.45       16.42007  (18101406)              436272.77
3709088.83       16.71340  (18101406)
        436254.90   3709103.22       16.52120  (18101406)              436266.83
3708974.09       14.91854  (21121703)
        436287.89   3708965.99       15.57390  (20012122)              436308.95
3708957.90       16.35730  (20012122)
        436330.01   3708949.81       16.75601  (20012122)              436351.07
3708941.72       16.71941  (20012122)
        436372.13   3708933.63       16.22512  (20012122)              436393.19
3708925.54       15.92461  (18020219)
        436414.25   3708917.44       16.07581  (18020219)              436435.31
3708909.35       15.91458  (21021723)
        436456.37   3708901.26       16.15892  (18011119)              436477.43
3708893.17       16.34793  (20090520)
        436498.49   3708885.08       16.41476  (20090520)              436519.55
3708876.99       16.42582  (21011604)
        436540.61   3708868.90       16.49685  (17122818)              436561.67
3708860.80       16.54046  (18121919)
        436582.73   3708852.71       16.59289  (18121919)              436603.79
3708844.62       16.78697  (21120608)
        436624.85   3708836.53       16.81419  (19122301)              436645.91
3708828.44       16.94987  (18011620)
        436666.97   3708820.35       16.89513  (18011620)              436688.03
3708812.25       16.98972  (21020205)
        436709.09   3708804.16       16.91918  (18122019)              436730.15
3708796.07       17.08723  (18122019)
        436751.21   3708787.98       17.13891  (20121819)              436772.27
3708779.89       16.96126  (20121322)
        436793.33   3708771.80       16.94682  (18010119)              436814.39
3708763.70       16.92855  (18010119)
        436835.45   3708755.61       16.81191  (17021420)              436856.51
3708747.52       16.74566  (21122120)
        436877.57   3708739.43       16.73409  (17101619)              436898.63
3708731.34       16.84383  (18121017)
        436919.69   3708723.25       16.81698  (18121017)              436940.75
3708715.15       16.78679  (18013018)
        436961.81   3708707.06       16.62795  (18120703)              436982.87
3708698.97       16.46917  (20122924)
        437003.93   3708690.88       15.90518  (20122924)              437024.99
3708682.79       15.90328  (21013119)
        437067.88   3708680.40       16.97339  (17072906)              437089.71
3708686.10       18.01346  (17072906)
        437111.54   3708691.80       18.52841  (17072906)              437133.37
3708697.51       18.71920  (21121818)
        437155.20   3708703.21       18.39369  (18120701)              437177.02
3708708.91       17.66741  (18120701)
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        437220.68   3708720.32       12.52350  (17011719)               437242.51
3708726.02        9.79172  (17011719)
        437264.34   3708731.72        6.96041  (18020419)               437286.17
3708737.43        5.51717  (17120817)
        437308.00   3708743.13        4.61769  (17120817)               437351.65
3708754.54        3.43018  (19123021)
        437373.48   3708760.24        3.36047  (19123021)               437395.31
3708765.94        3.37928  (20021019)
        437417.14   3708771.64        3.38827  (20021019)               437438.97
3708777.35        3.38313  (20021019)
        437460.79   3708783.05        3.36102  (20021019)               437482.62
3708788.75        3.31114  (20021019)
        437504.45   3708794.46        3.24338  (20021019)               437526.28
3708800.16        3.18867  (18021922)
        437569.94   3708811.56        3.15281  (17123120)               437591.77
3708817.27        3.13970  (17123120)
        437613.59   3708822.97        3.11368  (17123120)               437635.42
3708828.67        3.09273  (17022120)
        437657.25   3708834.38        3.14442  (17022120)               437679.08
3708840.08        3.18510  (17022120)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437700.91   3708845.78        3.19437  (17022120)               437722.74
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3708851.48 3.19569 (17021020)
437744.56 3708857.19 3.20877 (17021020) 437766.39
3708862.89 3.21019 (17021020)
437810.05 3708874.30 3.29954 (20090918) 437831.88
3708880.00 3.54883 (20090918)
437853.71 3708885.70 3.77944 (20090918) 436245.77
3708982.18 14.75357 (21112723)
436227.91 3708996.56 15.36887 (18101406) 436210.04
3709010.95 15.57056 (18101406)
436192.18 3709025.34 15.38922 (20121403) 436203.96
3708896.26 13.80153 (21011606)
436245.78 3708880.19 15.11097 (20012122) 436287.61
3708864.12 15.85100 (20012122)
436329.44 3708848.05 15.09263 (20012122) 436371.26
3708831.98 15.09169 (18020219)
436413.09 3708815.91 15.13176 (18011119) 436454.92
3708799.84 15.39964 (20090520)
436496.75 3708783.77 15.46062 (20110517) 436538.57
3708767.70 15.50728 (18121919)
436580.40 3708751.63 15.82738 (21120608) 436622.23
3708735.56 15.87469 (18011620)
436664.05 3708719.49 15.89933 (21020205) 436705.88
3708703.41 15.97606 (18122019)
436747.71 3708687.34 15.90322 (20121322) 436789.53
3708671.27 15.94729 (18010119)
436831.36 3708655.20 15.66103 (21122120) 436873.19
3708639.13 15.63248 (18121017)
436915.01 3708623.06 15.62118 (19120619) 436956.84
3708606.99 15.55918 (20122924)
436998.67 3708590.92 14.83610 (20121619) 437062.17
3708580.51 15.49661 (17072906)
437105.52 3708591.84 16.71208 (17072906) 437148.87
3708603.17 17.41441 (21020221)
437192.23 3708614.49 16.46646 (18120701) 437235.58
3708625.82 11.64504 (17011719)
437278.93 3708637.15 6.51670 (18020419) 437322.29
3708648.47 3.73132 (19123021)
437365.64 3708659.80 3.08554 (19123021) 437408.99
3708671.12 3.08035 (20021019)
437452.34 3708682.45 3.07867 (20021019) 437495.70
3708693.78 3.02524 (20021019)
437539.05 3708705.10 2.94215 (20021019) 437582.40
3708716.43 2.90616 (17123120)
437625.75 3708727.75 2.91958 (17123120) 437669.11
3708739.08 2.92257 (17022120)
437712.46 3708750.41 2.94807 (17022120) 437755.81
3708761.73 2.94717 (17021020)
437799.17 3708773.06 2.96438 (17021020) 437842.52
3708784.39 2.93991 (17021020)
437885.87 3708795.71 3.27984 (20090918) 436165.18

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436734.44	3709824.29	33.74534	(21011719)	436761.25	3709794.76	38.37430	(20121403)
436682.82	3709885.96	31.28581	(18020421)	436660.00	3709920.70	31.38058	(19120805)
436665.47	3709826.78	30.52983	(20122108)	436691.54	3709798.07	30.98523	(21011603)
436717.60	3709769.35	34.57878	(20121403)	436641.03	3709858.51	29.12681	(20100124)
436618.21	3709893.24	29.59415	(19120805)	436582.77	3709770.92	26.66899	(18020421)
436610.57	3709740.29	27.48144	(21122223)	436638.37	3709709.66	28.62054	(19111203)
436666.17	3709679.03	31.81731	(20121403)	436557.46	3709803.60	25.92357	(20022102)
436534.64	3709838.33	26.22661	(19120805)	436498.56	3709716.70	23.68331	(18020421)
436525.10	3709687.46	24.36072	(20122108)	436551.63	3709658.23	25.18936	(21122223)
436578.17	3709628.99	26.29536	(19111203)	436604.71	3709599.75	29.03243	(20121403)
436473.88	3709748.69	23.04284	(20022804)	436451.06	3709783.42	23.44559	(19120805)
436415.61	3709661.10	21.06152	(20022806)	436443.42	3709630.47	21.62422	(20122108)
436471.22	3709599.84	22.77760	(21122223)	436499.02	3709569.21	23.40547	(19111203)
436526.82	3709538.58	25.26700	(20121403)	436390.30	3709693.78	20.69787	(21011402)
436367.48	3709728.51	21.07757	(19120805)	436331.54	3709606.73	19.09271	(20022806)
436358.35	3709577.20	19.59518	(18020421)	436385.16	3709547.66	20.05960	(18020221)
436411.97	3709518.13	21.15505	(21122223)	436438.78	3709488.59	21.72399	(19111203)
436465.59	3709459.05	23.10516	(20121403)	436306.73	3709638.87	18.84402	(21011402)
436283.91	3709673.60	19.20012	(19120805)	436248.46	3709551.28	17.43848	(20022102)
436276.26	3709520.65	17.93359	(18020421)	436304.07	3709490.02	18.16798	(20122108)
436331.87	3709459.39	19.23142	(21122223)	436359.67	3709428.76	19.26836	(19111203)

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        436387.47   3709398.13       19.91038  (19111203)               436415.27
3709367.50       21.63171  (20121403)
        436223.15   3709583.96       17.20108  (21011402)               436200.33
3709618.69       17.59637  (19120805)
        436164.48   3709496.82       15.97736  (20022102)               436191.46
3709467.09       16.35213  (21021004)
        436218.45   3709437.36       16.60678  (20122106)               436245.43
3709407.63       17.04137  (21122223)
        436272.41   3709377.90       17.87041  (21122223)               436299.40
3709348.17       18.04653  (19111203)
        436326.38   3709318.44       18.48423  (20121403)               436353.37
3709288.71       19.85220  (20121403)
        436139.58   3709529.05       15.79272  (21011402)               436116.76
3709563.78       16.22909  (19120805)
        436081.31   3709441.46       14.79434  (20022804)               436109.11
3709410.83       15.09671  (21021004)
        436136.92   3709380.20       15.35920  (20122106)               436164.72
3709349.57       15.53702  (20122108)
        436192.52   3709318.94       16.52389  (21122223)               436220.32
3709288.31       16.18880  (19111203)
        436248.12   3709257.68       17.01982  (19111203)               436275.92
3709227.05       17.92980  (20121403)
        436056.00   3709474.14       14.66206  (21040903)               436033.18
3709508.87       15.04072  (19120805)
        435997.39   3709386.93       13.80405  (20022804)               436024.49
3709357.07       13.99790  (20022806)
        436051.60   3709327.20       14.28498  (18020421)               436078.71
3709297.34       14.33368  (20020202)
        436105.82   3709267.47       14.88734  (21122223)               436132.92
3709237.61       15.48962  (21122223)
        436160.03   3709207.75       15.40142  (19111203)               436187.14
3709177.88       15.77576  (19111203)
        436214.24   3709148.02       16.65819  (20121403)               435972.42
3709419.23       13.62394  (21040903)
        435949.60   3709453.96       14.08617  (19120805)               435914.16
3709331.64       12.89390  (20022804)
        435941.96   3709301.01       13.06824  (20022102)               435969.76
3709270.38       13.39014  (21021004)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 375
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
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                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435997.57   3709239.75       13.39625  (20122106)               436025.37
3709209.12       13.56473  (18020221)
        436053.17   3709178.49       14.46222  (21122223)               436080.97
3709147.86       14.12496  (21122223)
        436108.77   3709117.23       14.64576  (19111203)               436136.57
3709086.60       14.91407  (20121403)
        436164.38   3709055.97       15.80857  (20121403)               435888.85
3709364.32       12.76221  (21040903)
        435866.03   3709399.05       13.26542  (19120805)               435830.28
3709277.06       12.09713  (20022804)
        435857.48   3709247.10       12.25319  (20022102)               435884.68
3709217.13       12.59315  (21021004)
        435911.87   3709187.17       12.55343  (20122106)               435939.07
3709157.20       12.62073  (20122108)
        435966.27   3709127.24       13.18635  (21122223)               435993.47
3709097.28       13.62379  (21122223)
        436020.66   3709067.31       13.31788  (19111203)               436047.86
3709037.35       13.82255  (19111203)
        436075.06   3709007.38       14.10364  (20121403)               436102.26
3708977.42       14.84806  (20121403)
        435805.27   3709309.41       12.05858  (21040903)               435782.45
3709344.14       12.55008  (19120805)
        436986.12   3710169.40       83.80531  (19120805)               436986.86
3710192.47       86.27894  (21090405)
        436987.61   3710215.54       86.62692  (21090405)               436941.60
3710151.64       65.19463  (19120805)
        436936.89   3710194.09       63.26432  (21090405)               436937.63
3710217.16       60.89736  (18121805)
        436892.31   3710150.83       56.23152  (21090405)               436898.45
3710129.03       55.81378  (19120805)
        436904.59   3710107.23       55.60727  (19120805)               436886.17
3710172.63       53.65898  (21090405)
        436886.91   3710195.70       52.16439  (18121805)               436887.66
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3710218.77       47.89040  (18121805)
        436841.65   3710154.87       47.40076  (21090405)                436852.57
3710116.11       49.87375  (21090405)
        436836.94   3710197.32       42.78719  (18121805)                436837.68
3710220.39       42.16234  (19121506)
        436792.07   3710155.10       42.23608  (18121805)                436803.76
3710113.57       45.79187  (21090405)
        436815.46   3710072.04       45.31131  (19120805)                436786.97
3710198.93       38.33756  (19121506)
        436787.71   3710222.00       37.11626  (19121506)                436742.39
3710155.67       36.01989  (18121805)
        436748.53   3710133.87       38.99281  (18121805)                436754.66
3710112.07       39.43750  (18121805)
        436760.80   3710090.27       42.00401  (21090405)                436766.94
3710068.47       41.53533  (21090405)
        436773.08   3710046.66       41.13667  (19120805)                436779.22
3710024.86       41.31320  (19120805)
        436736.25   3710177.47       35.03322  (19121506)                436736.99
3710200.54       34.59542  (19121506)
        436737.74   3710223.61       32.19001  (19121506)                436692.00
3710158.74       32.49459  (19121506)
        436703.46   3710118.04       35.78069  (18121805)                436714.92
3710077.35       38.02144  (21090405)
        436726.38   3710036.65       37.56331  (21090405)                436687.02
3710202.16       30.69791  (19121506)
        436687.76   3710225.23       27.72885  (19121506)                436642.25
3710159.56       30.33647  (19121506)
        436654.16   3710117.28       31.32502  (18121805)                436666.07
3710075.00       33.88962  (18121805)
        436677.97   3710032.71       36.10218  (21090405)                436689.88
3709990.43       34.98511  (19120805)
        436637.04   3710203.77       26.96667  (19121506)                436637.79
3710226.84       25.69902  (21110503)
        436592.46   3710160.51       27.95067  (19121506)                436598.60
3710138.71       28.58737  (19121506)
        436604.74   3710116.91       28.35582  (20112424)                436610.88
3710095.11       29.78516  (18121805)
        436617.02   3710073.31       31.47610  (18121805)                436623.16
3710051.51       31.57308  (18121805)
        436629.30   3710029.70       33.12987  (21090405)                436635.44
3710007.90       33.66341  (21090405)
        436641.58   3709986.10       32.36082  (21090405)                436647.72
3709964.30       32.50489  (19120805)
        436653.86   3709942.50       32.74943  (19120805)                436586.32
3710182.31       26.10623  (19121506)
        436587.07   3710205.38       24.38960  (21110503)                436587.81
3710228.45       23.81445  (21110503)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436542.20	3710163.16	25.33577	(19121506)	436553.89	3710121.64	26.97317	(19121506)
436565.59	3710080.11	27.80526	(20101104)	436577.28	3710038.58	29.78121	(18121805)
436588.98	3709997.06	31.52304	(21090405)	436600.67	3709955.53	29.75151	(21090405)
436537.10	3710207.00	22.95034	(21110503)	436537.84	3710230.07	22.69702	(20020723)
436442.54	3710165.35	20.92929	(21110503)	436448.68	3710143.55	22.48631	(19121506)
436454.82	3710121.75	23.78703	(19121506)	436460.96	3710099.95	24.26791	(19121506)
436467.10	3710078.15	24.20630	(20112424)	436473.24	3710056.35	24.48582	(20101104)
436479.38	3710034.55	25.44096	(18121805)	436485.52	3710012.74	26.44671	(18121805)
436491.66	3709990.94	26.37391	(18121805)	436497.80	3709969.14	27.19230	(21090405)
436503.94	3709947.34	28.09547	(21090405)	436510.08	3709925.54	27.70619	(21090405)
436516.22	3709903.74	26.18469	(21090405)	436522.36	3709881.93	26.69145	(19120805)
436528.50	3709860.13	27.00984	(19120805)	436436.40	3710187.16	20.78829	(21110503)

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        436437.15   3710210.23       20.25825  (20020723)               436437.89
3710233.30       20.75002  (20020723)
        436342.49   3710168.96       19.13445  (21110503)               436354.55
3710126.13       20.05411  (19121506)
        436366.61   3710083.29       21.97455  (19121506)               436378.68
3710040.45       21.80354  (20112424)
        436390.74   3709997.61       22.98656  (20101104)               436402.80
3709954.77       23.82638  (18121805)
        436414.87   3709911.94       25.05130  (21090405)               436426.93
3709869.10       24.48992  (21090405)
        436439.00   3709826.26       23.81011  (19120805)               436337.20
3710213.45       18.72638  (20020723)
        436337.94   3710236.52       19.07619  (20020723)               436242.74
3710171.46       17.28610  (21110503)
        436248.98   3710149.32       17.75356  (21110503)               436255.22
3710127.17       17.75996  (21110503)
        436261.45   3710105.02       18.28461  (19121506)               436267.69
3710082.87       19.44689  (19121506)
        436273.93   3710060.73       20.09970  (19121506)               436280.17
3710038.58       20.23741  (20112424)
        436286.40   3710016.43       20.08024  (20112424)               436292.64
3709994.28       20.15953  (20101104)
        436298.88   3709972.14       20.95843  (20101104)               436305.11
3709949.99       21.36630  (18121805)
        436311.35   3709927.84       21.74696  (18121805)               436317.59
3709905.69       21.39095  (18121805)
        436323.82   3709883.54       22.04290  (21090405)               436330.06
3709861.40       22.86803  (21090405)
        436336.30   3709839.25       22.83503  (21090405)               436342.54
3709817.10       21.95769  (21090405)
        436348.77   3709794.95       20.46986  (19120805)               436355.01
3709772.81       21.35307  (19120805)
        436361.25   3709750.66       21.57537  (19120805)               436236.51
3710193.61       16.85301  (20020723)
        436237.25   3710216.68       17.39484  (20020723)               436238.00
3710239.75       17.61697  (20020723)
        436142.70   3710175.04       15.46256  (21110503)               436148.84
3710153.24       16.18427  (21110503)
        436154.98   3710131.43       16.54410  (21110503)               436161.12
3710109.63       16.51563  (21110503)
        436167.26   3710087.83       16.56478  (19121506)               436173.40
3710066.03       17.65123  (19121506)
        436179.54   3710044.23       18.37040  (19121506)               436185.68
3710022.43       18.62293  (19121506)
        436191.81   3710000.62       18.66767  (20112424)               436197.95
3709978.82       18.27341  (20112424)
        436204.09   3709957.02       18.78460  (20101104)               436210.23
3709935.22       19.37992  (20101104)
        436216.37   3709913.42       19.55811  (18121805)               436222.51
3709891.62       19.89422  (18121805)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	18.80583	(19120805)	436271.63	3709717.20	19.50052	(19120805)
436277.77	3709695.40	19.62986	(19120805)	436136.56	3710196.84	15.78790	(20020723)
436137.30	3710219.91	16.21615	(20020723)	436138.05	3710242.98	16.33168	(20020723)
436042.67	3710178.53	14.31196	(20020723)	436054.80	3710135.47	15.20601	(21110503)
436066.93	3710092.40	15.42709	(21110503)	436072.99	3710070.87	15.11033	(19121506)
436085.12	3710027.81	16.84709	(19121506)	436097.25	3709984.74	17.30743	(20112424)
436109.38	3709941.68	16.65324	(20101104)	436121.50	3709898.61	18.00149	(20101104)
436133.63	3709855.55	18.30709	(18121805)	436145.76			

3709812.48 17.73440 (21090405)
436157.89 3709769.42 19.23815 (21090405) 436170.01
3709726.35 18.56267 (21090405)
436182.14 3709683.29 17.29933 (19120805) 436037.36
3710223.14 15.14746 (20020723)
436038.10 3710246.21 15.18342 (20020723) 435942.87
3710181.24 13.51365 (20020723)
435949.08 3710159.19 13.18767 (21110503) 435955.29
3710137.14 13.90081 (21110503)
435961.50 3710115.09 14.37398 (21110503) 435967.71
3710093.03 14.54768 (21110503)
435973.92 3710070.98 14.40218 (21110503) 435980.13
3710048.93 14.11205 (19121506)
435986.34 3710026.88 14.99617 (19121506) 435992.55
3710004.82 15.65256 (19121506)
435998.76 3709982.77 15.99797 (19121506) 436004.97
3709960.72 16.10371 (20112424)
436011.18 3709938.67 16.01192 (20112424) 436017.39
3709916.62 15.51451 (20112424)
436023.60 3709894.56 16.11946 (20101104) 436029.81
3709872.51 16.67455 (20101104)
436036.02 3709850.46 16.77193 (20101104) 436042.23
3709828.41 16.89996 (18121805)
436048.44 3709806.36 16.90553 (18121805) 436054.66
3709784.30 16.45814 (18121805)
436060.87 3709762.25 16.78226 (21090405) 436067.08
3709740.20 17.53594 (21090405)
436073.29 3709718.15 17.82729 (21090405) 436079.50
3709696.10 17.59724 (21090405)
436085.71 3709674.04 16.87592 (21090405) 436091.92
3709651.99 15.71095 (21090405)
436098.13 3709629.94 15.98479 (19120805) 436104.34
3709607.89 16.44970 (19120805)
436110.55 3709585.83 16.54362 (19120805) 435936.66
3710203.29 13.94219 (20020723)
435937.41 3710226.36 14.18748 (20020723) 435938.15
3710249.43 14.16687 (20020723)
435842.85 3710184.72 12.81452 (20020723) 435848.99
3710162.92 12.36377 (21120204)
435855.13 3710141.12 12.59411 (21110503) 435861.27
3710119.32 13.18852 (21110503)
435867.41 3710097.51 13.56490 (21110503) 435873.55
3710075.71 13.68032 (21110503)
435879.69 3710053.91 13.51279 (21110503) 435885.83
3710032.11 13.05971 (21110503)
435891.97 3710010.31 13.85637 (19121506) 435898.11
3709988.51 14.48766 (19121506)
435904.25 3709966.70 14.87064 (19121506) 435910.39
3709944.90 14.95179 (19121506)
435916.53 3709923.10 15.03481 (20112424) 435922.67

3709901.30   14.77449 (20112424)
        435928.81   3709879.50   14.45422 (20101104)   435934.95
3709857.70   15.20464 (20101104)
        435941.09   3709835.90   15.62693 (20101104)   435947.23
3709814.09   15.65743 (20101104)
        435953.37   3709792.29   15.73689 (18121805)   435959.51
3709770.49   15.74388 (18121805)
        435965.65   3709748.69   15.36558 (18121805)   435971.78
3709726.89   15.32274 (21090405)
        435977.92   3709705.09   16.07979 (21090405)   435984.06
3709683.28   16.48905 (21090405)
        435990.20   3709661.48   16.49664 (21090405)   435996.34
3709639.68   16.07621 (21090405)
        436002.48   3709617.88   15.24447 (21090405)   436008.62
3709596.08   14.33466 (19120805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

435742.85 3710188.16 12.18748 (20020723) 435748.93
3710166.56 11.71443 (20020723)
435761.09 3710123.37 12.03748 (21110503) 435773.25
3710080.19 12.82381 (21110503)
435779.33 3710058.59 12.89030 (21110503) 435791.50
3710015.40 12.26186 (21110503)
435797.58 3709993.81 12.86752 (19121506) 435809.74
3709950.62 13.88172 (19121506)
435821.90 3709907.43 14.10125 (20112424) 435827.98
3709885.84 13.99316 (20112424)
435840.15 3709842.65 13.75082 (20101104) 435846.23
3709821.06 14.35673 (20101104)
435858.39 3709777.87 14.63935 (20101104) 435870.55
3709734.68 14.72745 (18121805)
435876.63 3709713.09 14.41129 (18121805) 435888.79
3709669.90 14.81374 (21090405)
435894.87 3709648.31 15.30214 (21090405) 435907.04
3709605.12 15.27331 (21090405)
435919.20 3709561.93 13.81332 (21090405) 435925.28
3709540.34 13.55396 (19120805)
435937.44 3709497.15 14.33007 (19120805) 435737.51
3710232.82 12.53876 (20020723)
435738.26 3710255.89 12.41983 (20020723) 435643.01
3710190.98 11.58904 (20020723)
435649.21 3710168.98 11.18585 (20020723) 435655.40
3710146.98 11.13482 (21120204)
435661.60 3710124.98 11.20873 (21123108) 435667.79
3710102.99 11.57413 (21110503)
435673.99 3710080.99 11.96575 (21110503) 435680.18
3710058.99 12.16444 (21110503)
435686.38 3710036.99 12.14197 (21110503) 435692.57
3710015.00 11.88237 (21110503)
435698.77 3709993.00 11.54099 (19121506) 435704.96
3709971.00 12.20286 (19121506)
435711.16 3709949.00 12.74309 (19121506) 435717.35
3709927.00 13.10435 (19121506)
435723.55 3709905.01 13.23699 (19121506) 435729.74
3709883.01 13.27824 (20112424)
435735.94 3709861.01 13.17843 (20112424) 435742.13
3709839.01 12.79541 (20112424)
435748.33 3709817.01 12.74414 (20101104) 435754.52
3709795.02 13.36077 (20101104)
435760.72 3709773.02 13.73598 (20101104) 435766.91
3709751.02 13.80621 (20101104)
435773.11 3709729.02 13.76740 (18121805) 435779.30
3709707.02 13.88959 (18121805)
435785.50 3709685.03 13.73379 (18121805) 435791.69
3709663.03 13.26473 (18121805)
435797.89 3709641.03 13.53933 (21090405) 435804.08
3709619.03 14.13741 (21090405)

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Y-COORD (M)        CONC     (YYMMDDHH)
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, L0004255   , L0004256   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436545.69	3710272.38	23.24250	(20020723)	436573.26	3710401.00	19.90348	(19011808)
436581.20	3710423.82	19.79093	(21012124)	436589.14	3710446.64	19.78427	(21012022)
436466.75	3710388.81	17.72742	(21011706)	436462.63	3710366.59	17.91608	(21012123)
436454.38	3710322.16	19.07517	(20020723)	436450.26	3710299.94	20.18089	(20020723)
436446.14	3710277.73	20.82794	(20020723)	436442.02	3710255.51	20.98639	(20020723)
436470.88	3710411.03	17.75034	(19011808)	436478.81	3710433.85	17.75471	(21011420)
436486.75	3710456.67	17.71773	(21012124)	436494.69	3710479.49	17.61811	(21012022)
436372.15	3710420.84	16.13550	(21011706)	436367.87	3710397.80	16.16843	(21012123)
436363.60	3710374.76	16.28148	(21012123)	436359.32	3710351.72	16.37978	(18020722)
436355.05	3710328.68	16.97373	(20020723)	436350.77	3710305.64	18.06190	(20020723)
436346.50	3710282.60	18.80891	(20020723)	436342.22	3710259.56	19.13888	(20020723)
436376.43	3710443.88	15.98233	(21011704)	436384.36	3710466.70	16.02089	(21011420)
436392.30	3710489.52	16.00989	(21012124)	436400.24	3710512.34	15.90368	(18010320)
436277.58	3710453.03	14.73842	(21011706)	436273.18	3710429.33	14.71876	(19122020)
436268.78	3710405.63	14.84719	(21012123)	436264.38	3710381.94	14.85886	(17121723)
436259.99	3710358.24	15.01668	(18020722)	436255.59	3710334.54	15.29452	(20020723)
436251.19	3710310.84	16.32373	(20020723)	436246.79	3710287.15	17.10602	(20020723)
436242.39	3710263.45	17.54500	(20020723)	436281.98	3710476.73	14.60388	(21011704)
436289.91	3710499.55	14.59166	(21011704)	436297.85	3710522.37	14.59026	(21010123)

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        436305.79   3710545.19       14.49473  (17021319)                436183.40
3710487.36       13.50750  (21011706)
        436175.16   3710442.93       13.57722  (19122020)                436171.03
3710420.71       13.67106  (21012123)
        436166.91   3710398.49       13.69336  (18121221)                436162.79
3710376.28       13.77639  (18020722)
        436158.66   3710354.06       13.88293  (18020722)                436154.54
3710331.84       14.26246  (20020723)
        436146.29   3710287.41       15.76487  (20020723)                436142.17
3710265.19       16.18581  (20020723)
        436187.52   3710509.57       13.40834  (21011704)                436195.46
3710532.39       13.41641  (21012201)
        436203.40   3710555.21       13.39499  (21010123)                436211.33
3710578.03       13.33692  (17021319)
        436088.85   3710519.64       12.43415  (21011706)                436084.62
3710496.85       12.54185  (21011706)
        436080.39   3710474.07       12.52769  (19122020)                436076.16
3710451.28       12.60448  (18120419)
        436071.93   3710428.49       12.66473  (17121723)                436067.70
3710405.71       12.72240  (18121221)
        436063.47   3710382.92       12.79205  (17120201)                436059.24
3710360.14       12.91207  (18012918)
        436055.02   3710337.35       13.08111  (20020723)                436050.79
3710314.56       13.86661  (20020723)
        436046.56   3710291.78       14.52558  (20020723)                436042.33
3710268.99       14.98027  (20020723)
        436093.07   3710542.42       12.39880  (21012201)                436101.01
3710565.24       12.44273  (21012201)
        436108.95   3710588.06       12.37569  (21010919)                436116.88
3710610.88       12.33419  (17021319)
        435994.30   3710552.00       11.50206  (18020405)                435989.98
3710528.72       11.62849  (21011706)
        435985.67   3710505.45       11.66947  (18011820)                435981.35
3710482.18       11.67991  (18120419)
        435977.03   3710458.90       11.74872  (20022703)                435972.71
3710435.63       11.78765  (17121219)
        435968.39   3710412.35       11.84391  (18121221)                435964.07
3710389.08       11.95469  (17120201)
        435959.75   3710365.81       12.08654  (18012918)                435955.43
3710342.53       12.21505  (18012918)
        435951.11   3710319.26       12.81792  (20020723)                435946.79
3710295.98       13.45024  (20020723)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***

INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	13.91809	(20020723)	435998.62	3710575.27	11.51133	(21012201)
436006.56	3710598.09	11.56530	(21012201)	436014.50	3710620.91	11.50968	(21010919)
436022.43	3710643.73	11.46237	(21010123)	435899.77	3710584.43	10.76055	(19011808)
435895.38	3710560.73	10.81679	(21011706)	435890.98	3710537.03	10.86083	(18011820)
435886.58	3710513.33	10.85462	(20122804)	435882.18	3710489.64	10.95479	(18120419)
435877.79	3710465.94	10.96268	(20022703)	435873.39	3710442.24	11.04618	(17121219)
435868.99	3710418.54	11.06108	(17120201)	435864.59	3710394.85	11.11487	(17120201)
435860.19	3710371.15	11.28374	(18012918)	435855.80	3710347.45	11.38494	(18012918)
435851.40	3710323.75	11.90112	(20020723)	435847.00	3710300.06	12.49483	(20020723)
435842.60	3710276.36	12.95338	(20020723)	435904.17	3710608.12	10.74211	(19011808)
435912.11	3710630.94	10.77894	(21012201)	435920.05	3710653.76	10.73383	(21010919)
435927.98	3710676.58	10.69238	(21010123)	435805.52	3710618.32	10.51673	(19011808)
435801.31	3710595.67	10.35116	(19011808)	435797.11	3710573.02	10.21923	(21011706)
435792.91	3710550.36	10.19457	(18011820)	435788.70	3710527.71	10.20410	(18120419)
435784.50	3710505.06	10.27072	(20022703)	435780.30			

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3710482.41       10.27108  (17121723)
        435776.09   3710459.76       10.34030  (17121219)                435771.89
3710437.10       10.32218  (17120201)
        435767.68   3710414.45       10.39642  (17120201)                435763.48
3710391.80       10.47317  (18012918)
        435759.28   3710369.15       10.62496  (18012918)                435755.07
3710346.50       10.66070  (20020723)
        435750.87   3710323.84       11.22448  (20020723)                435746.66
3710301.19       11.73696  (20020723)
        435742.46   3710278.54       12.14948  (20020723)                435809.72
3710640.97       10.59008  (19011808)
        435817.66   3710663.79       10.55475  (19011808)                435825.60
3710686.61       10.39007  (19011808)
        435833.53   3710709.43       10.27413  (21012124)                435711.00
3710650.78       10.88337  (19011808)
        435706.72   3710627.74       10.53934  (19011808)                435702.44
3710604.70       10.04714  (18012708)
        435698.17   3710581.66        9.86644  (18012708)                435693.89
3710558.63        9.88280  (18012708)
        435689.62   3710535.59        9.96494  (18012708)                435685.34
3710512.55       10.08386  (18012708)
        435681.07   3710489.51       10.21234  (18012708)                435676.79
3710466.47       10.20071  (19010608)
        435672.51   3710443.43       10.21687  (17031607)                435668.24
3710420.39       10.20820  (17031607)
        435663.96   3710397.35       10.05790  (17031607)                435659.69
3710374.31        9.99054  (18012918)
        435655.41   3710351.27       10.02753  (20020723)                435651.14
3710328.23       10.53307  (20020723)
        435646.86   3710305.19       11.01406  (20020723)                435642.59
3710282.16       11.41241  (20020723)
        435715.27   3710673.82       10.81862  (19011808)                435723.21
3710696.64       10.66706  (19011808)
        435731.14   3710719.46       10.46935  (19011808)                435739.08
3710742.28       10.28474  (19011808)
        435616.48   3710683.29       10.60016  (19011808)                435612.14
3710659.90       10.55267  (19011808)
        435607.80   3710636.51       10.39643  (19011808)                435603.46
3710613.13       10.63420  (18012708)
        435599.12   3710589.74       10.86052  (18012708)                435594.78
3710566.36       10.98641  (18012708)
        435590.44   3710542.97       11.00210  (18012708)                435586.10
3710519.59       10.88840  (18012708)
        435581.76   3710496.20       10.66700  (18012708)                435577.42
3710472.81       10.50881  (19010608)
        435573.08   3710449.43       10.36732  (17031607)                435568.74
3710426.04       10.17262  (17031607)
        435564.40   3710402.66        9.99608  (19101107)                435560.06
3710379.27        9.63785  (19101107)
        435555.72   3710355.89        9.48847  (20020723)                435551.38
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                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436847.72 3710414.53 33.36938 (20030803) 436858.63
3710436.86 34.44494 (20030803)
436869.55 3710459.18 38.25367 (21090701) 436791.88
3710414.17 27.91506 (20050504)
436802.80 3710436.49 28.98472 (20030803) 436813.71
3710458.82 31.24667 (20030803)
436824.63 3710481.15 33.93052 (20030803) 436746.96
3710436.13 25.69572 (20050504)
436757.88 3710458.46 25.84410 (20050504) 436768.80
3710480.78 28.20125 (20030803)
436779.71 3710503.11 30.36257 (20030803) 436692.82
3710435.94 22.74014 (18010108)
436702.05 3710458.09 23.59850 (20050504) 436712.96
3710480.42 24.16878 (20050504)
436723.88 3710502.75 24.42052 (20030803) 436734.80
3710525.07 26.26001 (20030803)
436650.21 3710463.44 21.12121 (18010108) 436668.04
3710502.38 22.69662 (20050504)
436678.96 3710524.71 22.47430 (20050504) 436689.88
3710547.04 23.90491 (20030803)
436604.52 3710483.56 19.88330 (18010108) 436623.13
3710524.34 21.22360 (20050504)
436634.04 3710546.67 21.33866 (20050504) 436644.96
3710569.00 21.30388 (20030803)
436513.14 3710523.79 17.56583 (20122808) 436503.92
3710501.64 17.68434 (21012022)
436522.37 3710545.94 17.83550 (18010108) 436533.29
3710568.27 18.44784 (20091405)
436544.21 3710590.60 19.18591 (20050504) 436555.12
3710612.92 19.01659 (20050504)
436424.46 3710570.49 15.83263 (18120719) 436443.45
3710612.20 16.30079 (20091405)
436454.37 3710634.52 17.10933 (20050504) 436465.29
3710656.85 17.44340 (20050504)
436333.47 3710611.64 14.41327 (18123108) 436324.24
3710589.49 14.53733 (21012022)
436315.01 3710567.34 14.52459 (18010320) 436342.70
3710633.79 14.45382 (18120719)
436353.62 3710656.12 14.59278 (21090404) 436364.53
3710678.45 15.33181 (20091405)
436375.45 3710700.77 15.86563 (20050504) 436244.56
3710657.78 13.24687 (18123108)
436227.95 3710617.91 13.35646 (21012022) 436263.78
3710700.05 13.31951 (21090404)
436274.70 3710722.37 13.78179 (20091405) 436285.61
3710744.70 14.35687 (20091405)
436153.80 3710699.49 12.25864 (21010201) 436144.57
3710677.34 12.31884 (21012022)
436135.34 3710655.19 12.32565 (18010320) 436126.11
3710633.04 12.35161 (18010320)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	10.65088	(21012022)	435955.67	3710743.04	10.63905	(18010320)
435946.44	3710720.89	10.67573	(18010320)	435937.21	3710698.74	10.66314	(17021319)
435983.36	3710809.50	10.57505	(18123108)	435994.27	3710831.82	10.56127	(18120719)
436005.19	3710854.15	10.75843	(21090404)	436016.11	3710876.48	11.10135	(21090404)
435884.95	3710832.85	10.78916	(21120808)	435867.81	3710791.71	10.66662	(21120808)
435850.67	3710750.57	10.17369	(17060406)	435904.44			

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3710875.75       10.94333  (21011908)
        435915.35   3710898.08       10.96856  (21011908)                435926.27
3710920.40       10.87622  (21011908)
        435794.45   3710875.20       10.89197  (21120808)                435785.23
3710853.04       11.08867  (21120808)
        435776.00   3710830.89       11.11609  (21120808)                435766.77
3710808.74       10.95293  (17060406)
        435757.54   3710786.59       10.71706  (17060406)                435748.31
3710764.43       10.32914  (21012124)
        435803.68   3710897.35       10.61923  (21120808)                435814.60
3710919.67       10.58111  (21011908)
        435825.52   3710942.00       10.56459  (21011908)                435836.43
3710964.33       10.41869  (21011908)
        435705.19   3710920.51       10.50904  (21120808)                435687.89
3710878.97       10.91064  (21120808)
        435670.59   3710837.43       11.08791  (17060406)                435724.76
3710963.60       10.28843  (21011908)
        435735.68   3710985.93       10.16765  (21011908)                435746.60
3711008.25        9.93329  (21011908)
        437052.65   3710321.47      124.05265  (19021217)                437017.82
3710373.27       77.00904  (19120804)
        436964.72   3710362.63       56.56271  (21090701)                436881.73
3710306.83       37.67371  (20020723)
        436863.46   3710244.40       42.87432  (19121506)                436828.63
3710296.20       34.40831  (20020723)
        436810.36   3710233.77       37.97560  (19121506)                436662.66
3710184.60       30.51564  (19121506)
        436538.19   3710100.90       26.26605  (20112424)                436383.83
3709972.03       23.45692  (18121805)
        436289.23   3709933.50       21.20129  (18121805)                436123.27
3709821.90       17.70914  (18121805)
        435920.75   3709585.43       14.72531  (21090405)                436987.78
3710422.82       64.23850  (19120804)
        436981.82   3710445.14       62.54996  (19120804)                436975.87
3710467.47       60.87362  (20051605)
        436969.92   3710489.80       58.69110  (20051605)                436921.61
3710476.92       52.72678  (19120804)
        436904.79   3710367.02       39.23819  (20030803)                436851.94
3710364.15       31.54916  (20050504)
        436776.67   3710438.27       26.89697  (20050504)                436746.22
3710358.41       25.37079  (19011808)
        436726.55   3710282.45       29.23393  (20020723)                436691.95
3710367.85       23.40859  (19011808)
        436618.82   3710281.14       25.19835  (20020723)                436589.38
3710364.41       20.52149  (19011808)
        436570.02   3710269.33       23.91385  (20020723)                436612.64
3710175.47       28.16043  (19121506)
        436535.11   3710373.86       19.10255  (19011808)                436465.44
3710261.09       21.45091  (20020723)
        436483.63   3710221.04       21.37688  (20020723)                436501.81
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3710180.99   22.22963 (21110503)
        436520.00   3710140.95   25.55192 (19121506)   436438.49
3710348.09   17.61328 (21013122)
        436369.27   3710234.32   19.56499 (20020723)   436378.82
3710213.30   19.36585 (20020723)
        436388.37   3710192.27   19.60098 (21110503)   436397.91
3710171.25   20.14683 (21110503)
        436407.46   3710150.22   20.36181 (19121506)   436417.01
3710129.20   22.11255 (19121506)
        436426.56   3710108.17   23.23492 (19121506)   436436.11
3710087.15   23.57805 (19121506)
        436445.65   3710066.12   23.51399 (20112424)   436272.19
3710209.56   17.72384 (20020723)
        436290.38   3710169.51   18.17949 (21110503)   436308.56
3710129.47   18.42353 (21110503)
        436326.75   3710089.42   20.82821 (19121506)   436344.94
3710049.37   21.47119 (20112424)
        436363.12   3710009.32   22.00625 (20101104)   436175.92
3710183.03   15.80504 (20020723)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436204.25 3710120.64 17.09754 (21110503) 436213.69
3710099.85 17.19741 (19121506)
436223.13 3710079.06 18.41954 (19121506) 436232.58
3710058.26 19.24583 (19121506)
436242.02 3710037.47 19.56981 (19121506) 436251.46
3710016.67 19.64805 (20112424)
436260.90 3709995.88 19.24808 (20112424) 436270.35
3709975.09 20.13101 (20101104)
436279.79 3709954.29 20.65014 (20101104) 436166.47
3710203.82 16.28651 (20020723)
436160.52 3710226.15 16.55189 (20020723) 436078.94
3710158.03 15.02090 (21110503)
436097.13 3710117.98 15.88059 (21110503) 436115.32
3710077.94 15.76283 (19121506)
436133.50 3710037.89 17.56943 (19121506) 436151.69
3709997.84 18.09579 (20112424)
436169.88 3709957.79 17.75015 (20101104) 436188.06
3709917.75 19.04003 (20101104)
436063.90 3710200.38 15.10103 (20020723) 435982.60
3710131.64 14.36313 (21110503)
435991.98 3710110.99 14.74880 (21110503) 436001.36
3710090.34 14.84023 (21110503)
436010.74 3710069.69 14.62674 (21110503) 436020.11
3710049.04 14.88872 (19121506)
436029.49 3710028.39 15.76052 (19121506) 436038.87
3710007.74 16.37537 (19121506)
436048.25 3709987.09 16.63716 (19121506) 436057.62
3709966.45 16.75424 (20112424)
436067.00 3709945.80 16.54204 (20112424) 436076.38
3709925.15 16.40658 (20101104)
436085.76 3709904.50 17.24607 (20101104) 436095.13
3709883.85 17.62877 (20101104)
436104.51 3709863.20 17.72635 (18121805) 436113.89
3709842.55 17.97075 (18121805)
435973.23 3710152.29 13.72184 (21110503) 435967.27
3710174.62 13.51599 (20020723)
435961.32 3710196.94 14.04639 (20020723) 435894.79
3710086.48 13.87708 (21110503)
435912.98 3710046.43 13.55174 (21110503) 435931.16
3710006.38 14.60542 (19121506)
435949.35 3709966.34 15.41510 (19121506) 435967.54
3709926.29 15.49701 (20112424)
435985.72 3709886.24 15.51089 (20101104) 436003.91
3709846.19 16.40835 (20101104)
436022.10 3709806.15 16.62995 (18121805) 435807.98
3710039.11 12.85686 (21110503)
435817.31 3710018.56 12.43285 (21110503) 435826.64
3709998.01 13.18127 (19121506)
435835.97 3709977.46 13.81230 (19121506) 435845.31
3709956.91 14.23755 (19121506)

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	12.36802	(19121506)	435661.13	3709885.40	12.77179	(19121506)
435670.43	3709864.92	12.81418	(20112424)	435679.73	3709844.44	12.72682	(20112424)
435689.03	3709823.97	12.38787	(20112424)	435698.33	3709803.49	12.24372	(20101104)
435707.63	3709783.01	12.86376	(20101104)	435716.93	3709762.53	13.29878	(20101104)
435726.23	3709742.05	13.46688	(20101104)	435735.53	3709721.57	13.36971	(18121805)
435744.83	3709701.09	13.59219	(18121805)	435754.13	3709680.61	13.55526	(18121805)
435772.73	3709639.66	13.03298	(21090405)	436969.01	3710524.96	56.13927	(20070405)
436970.50	3710565.89	52.86917	(20070405)	436918.30	3710506.32	50.54728	(19120804)
436919.79	3710547.25	46.54717	(21111806)	436921.28	3710588.18	44.15863	(21111806)
436869.98	3710493.44	42.38258	(21090701)	436869.07	3710528.60	40.81816	(19120804)
436870.56	3710569.53	36.02413	(19120804)	436818.36	3710509.96	34.67044	(21031805)
436819.85	3710550.89	30.29911	(21090701)	436821.34	3710591.82	29.70277	(19120804)
436769.14	3710532.24	27.88060	(20091403)	436770.63	3710573.17	27.77986	(21090701)
436724.39	3710460.67	24.74474	(20050504)	436719.92	3710554.52	25.69236	(20030803)
436721.41	3710595.45	25.12097	(21031805)	436674.25	3710463.96	22.03524	(20091405)
436670.70	3710576.81	23.51564	(20030803)	436625.11	3710458.43	20.37141	(20122808)
436620.73	3710578.63	20.25768	(20050504)	436570.66	3710500.15	18.96436	(18010108)
436569.27	3710539.52	19.18959	(20091405)	436570.76	3710580.45	19.78600	(20050504)
436522.70	3710484.12	18.17000	(21012022)	436526.84	3710447.36	18.47177	(21012124)
436530.97	3710410.61	18.92614	(19011808)	436521.54	3710602.73	18.65940	(20050504)
436423.04	3710485.30	16.46854	(21012124)	436427.45	3710446.10	16.77524	(21011420)
436431.87	3710406.90	17.08168	(21011706)	436419.37			

3710544.97   16.06149 (21012022)
        436421.61   3710606.37   15.67748 (18010108)   436320.80
3710509.44   14.93182 (21012124)
        436325.01   3710472.01   15.19157 (21011704)   436329.22
3710434.59   15.48065 (21011706)
        436333.44   3710397.17   15.72236 (21012123)   436337.65
3710359.75   15.96570 (18020722)
        436220.97   3710512.18   13.77446 (21011704)   436225.38
3710472.98   14.03084 (21011706)
        436229.79   3710433.78   14.20466 (19122020)   436234.21
3710394.57   14.47296 (17121723)
        436120.95   3710516.52   12.69855 (18020405)   436125.21
3710478.72   12.97411 (21011706)
        436129.46   3710440.91   13.14090 (18120419)   436133.72
3710403.11   13.33956 (18121221)
        436137.98   3710365.31   13.61852 (18020722)   436021.10
3710519.46   11.92613 (21011706)
        436025.51   3710480.25   12.03141 (19122020)   436029.92
3710441.05   12.23689 (20022703)
        436034.34   3710401.85   12.43602 (18121221)   436019.64
3710559.52   11.68874 (17121220)
        435921.23   3710522.48   11.10477 (18011820)   435925.78
3710482.05   11.29074 (18120419)
        435930.34   3710441.63   11.45162 (17121219)   435934.89
3710401.20   11.66150 (17120201)
        435919.70   3710563.16   10.94485 (21011706)   435821.23
3710526.73   10.40611 (20122804)
        435825.64   3710487.53   10.57748 (20022703)   435830.06
3710448.33   10.73255 (17121219)
        435834.47   3710409.12   10.87225 (17120201)   435819.77
3710566.80   10.35405 (21011706)
        435721.36   3710529.86   9.96321 (18012708)   435725.88
3710489.62   10.00799 (18012708)
        435730.41   3710449.39   10.10683 (18031607)   435734.94
3710409.15   10.21999 (18020722)
        435757.59   3710207.98   12.57053 (20020723)   435719.84
3710570.44   9.82576 (18012708)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                  INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238

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, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435621.36   3710534.01       10.63274  (18012708)               435625.78
3710494.81       10.48982  (18012708)
        435630.19   3710455.60       10.31785  (17031607)               435634.60
3710416.40       10.14123  (17031607)
        435619.90   3710574.08       10.79867  (18012708)               435521.48
3710537.20       11.00856  (18012708)
        435525.99   3710497.11       10.87279  (19010608)               435530.51
3710457.01       10.61380  (17031607)
        435535.02   3710416.92       10.09249  (17031607)               435519.97
3710577.71       10.95346  (18012708)
        435521.46   3710618.64       10.49168  (18012708)               436953.73
3710589.22       49.66956  (20070405)
        436939.59   3710607.08       47.23352  (20070405)               436925.45
3710624.94       44.47666  (20070405)
        436942.81   3710522.47       51.77918  (21111806)               436900.39
3710576.05       41.82783  (21111806)
        436886.25   3710593.91       38.66763  (21111806)               436889.47
3710509.29       46.41833  (19120804)
        436847.05   3710562.87       33.05539  (19120804)               436850.26
3710478.25       37.48529  (21090701)
        436807.84   3710531.83       30.72032  (21090701)               436825.20
3710429.36       31.37733  (20030803)
        436651.04   3710407.69       21.64159  (18011908)               436522.51
3710247.82       22.66115  (20020723)
        436508.37   3710265.68       22.38216  (20020723)               436494.23
3710283.54       21.75027  (20020723)
        436472.39   3710150.03       23.04931  (19121506)               436415.83
3710221.47       20.15494  (20020723)
        436393.99   3710087.96       22.60864  (19121506)               436379.85
3710105.82       21.86865  (19121506)
        436315.58   3710025.89       20.64529  (20112424)               436237.18
3709963.81       19.50729  (20101104)
        436223.04   3709981.67       18.51740  (20112424)               436158.78
3709901.74       18.55558  (20101104)
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        436144.64   3709919.60       18.22481  (20101104)                436080.38
3709839.67       17.47187  (18121805)
        436066.24   3709857.53       17.12397  (20101104)                436001.97
3709777.60       16.12971  (18121805)
        435987.83   3709795.46       16.18670  (18121805)                435973.69
3709813.32       15.87196  (18121805)
        435923.57   3709715.52       14.40972  (18121805)                435909.43
3709733.38       14.89597  (18121805)
        435895.29   3709751.24       15.04165  (18121805)                435881.15
3709769.10       14.86046  (18121805)
        435845.17   3709653.45       14.24792  (21090405)                435831.03
3709671.31       13.43365  (21090405)
        435816.89   3709689.17       13.86872  (18121805)                435802.75
3709707.03       14.06235  (18121805)
        436914.85   3710651.52       41.84834  (20070405)                436911.28
3710691.41       39.71675  (20070405)
        436907.71   3710731.30       38.15702  (20101803)                436872.11
3710629.34       35.16996  (21111806)
        436863.26   3710667.01       31.85080  (21111806)                436859.69
3710706.90       29.50014  (20070405)
        436856.12   3710746.79       27.58891  (20070405)                436821.61
3710626.66       29.03607  (19120804)
        436813.46   3710662.55       27.16441  (19120804)                436809.89
3710702.44       26.33736  (21111806)
        436806.32   3710742.33       25.29032  (21111806)                436772.51
3710620.42       26.38249  (21090701)
        436793.71   3710567.27       28.85515  (21090701)                436763.66
3710658.09       25.77475  (19120804)
        436760.09   3710697.98       25.39121  (19120804)                436756.52
3710737.87       23.96770  (19120804)
        436742.14   3710567.24       26.12513  (20091403)                436715.65
3710633.68       24.93108  (21090701)
        436712.07   3710673.58       24.02366  (21090701)                436708.50
3710713.47       22.51127  (19120804)
        436672.91   3710611.51       23.60893  (20091403)                436708.24
3710522.92       24.09700  (20030803)
        436664.06   3710649.17       22.58648  (21031805)                436660.49
3710689.06       22.49763  (21090701)
        436656.92   3710728.95       21.91152  (21090701)                436622.79
3710607.85       21.42572  (20030803)
        436656.51   3710523.29       22.19994  (20050504)                436614.26
3710644.71       21.54602  (20030803)
        436610.69   3710684.60       21.11101  (20091403)                436607.11
3710724.50       20.52436  (21031805)
        436594.51   3710549.43       20.44300  (20050504)                436564.46
3710640.25       18.86321  (20030803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436560.89   3710680.14   19.84559 (20030803)   436557.31
3710720.04   19.75632 (20091403)
        436545.80   3710542.25   18.34964 (18010108)   436575.15
3710468.65   19.29393 (21012022)
        436514.66   3710635.79   18.24965 (20050504)   436511.09
3710675.68   17.22359 (20050502)
        436507.51   3710715.58   18.25143 (20030803)   436473.71
3710593.67   16.89668 (20091405)
        436487.84   3710558.23   17.02860 (18010108)   436558.50
3710381.05   19.73500 (19011808)
        436459.50   3710691.17   16.79147 (20050504)   436374.11
3710584.75   15.06453 (19011802)
        436388.24   3710549.31   15.62626 (21012022)   436473.03
3710336.70   18.46699 (20020723)
        436365.25   3710622.42   14.78967 (18120719)   436274.51
3710575.83   14.03969 (18010320)
        436380.50   3710310.06   18.36929 (20020723)   436394.63
3710274.63   19.86364 (20020723)
        436265.65   3710613.50   13.77154 (21012022)   436175.21
3710566.14   13.07504 (21010123)
        436278.44   3710307.31   16.85618 (20020723)   436293.19
3710270.33   18.20139 (20020723)
        436307.93   3710233.35   18.59115 (20020723)   436166.05
3710604.58   12.78942 (17021319)
        436162.48   3710644.47   12.60134 (21012022)   436075.57

3710557.31 12.23946 (21012201)
436178.31 3710299.72 15.78853 (20020723) 436192.98
3710262.92 16.86932 (20020723)
436207.66 3710226.12 17.13383 (20020723) 436066.45
3710595.66 12.01923 (21010919)
436062.88 3710635.55 11.80455 (17021319) 436059.31
3710675.44 11.66797 (18010320)
436012.49 3710456.82 12.03758 (20022703) 436078.28
3710291.86 14.85921 (20020723)
436092.90 3710255.20 15.72830 (20020723) 436107.52
3710218.54 15.86282 (20020723)
435968.63 3710566.80 11.25028 (18121422) 435965.06
3710606.69 11.22864 (21012201)
435961.49 3710646.58 11.01579 (21010919) 435905.47
3710466.52 11.17989 (20022703)
435971.05 3710302.07 13.50582 (20020723) 435985.63
3710265.53 14.45154 (20020723)
436000.20 3710228.99 14.80239 (20020723) 436014.77
3710192.44 14.43972 (20020723)
436029.35 3710155.90 14.37694 (21110503) 435869.03
3710557.88 10.66584 (21011706)
435865.46 3710597.77 10.62579 (19011808) 435861.89
3710637.66 10.50794 (19011808)
435805.77 3710457.84 10.54814 (17121219) 435834.85
3710384.94 10.97741 (18012918)
435871.19 3710293.82 12.84651 (20020723) 435885.72
3710257.37 13.60499 (20020723)
435900.26 3710220.92 13.81691 (20020723) 435914.79
3710184.47 13.36961 (20020723)
435929.33 3710148.02 13.28446 (21110503) 435769.43
3710548.96 10.04858 (19122020)
435765.86 3710588.85 10.03558 (21011706) 435762.29
3710628.74 10.44785 (19011808)
435706.09 3710449.12 10.14596 (19010608) 435735.10
3710376.38 10.43206 (18012918)
435771.36 3710285.46 12.23579 (20020723) 435785.87
3710249.09 12.83843 (20020723)
435800.37 3710212.72 12.93381 (20020723) 435814.87
3710176.35 12.41092 (20020723)
435829.38 3710139.99 12.33443 (21110503) 435843.88
3710103.62 13.26246 (21110503)
435668.04 3710559.99 9.99466 (18012708) 435664.47
3710599.88 10.25857 (18012708)
435660.90 3710639.77 10.66400 (19011808) 435599.18
3710458.52 10.34872 (17031607)
435628.14 3710385.92 9.78663 (18012918) 435671.57
3710277.02 11.68224 (20020723)
435686.05 3710240.72 12.15110 (20020723) 435700.52
3710204.42 12.13991 (20020723)
435715.00 3710168.12 11.55369 (20020723) 435729.48

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435561.30   3710630.85   10.39580 (18012708)   435478.02
3710503.66   10.88940 (19010608)
        435492.81   3710466.58   10.85132 (17031607)   435507.60
3710429.49   10.21308 (17031607)
        435522.39   3710392.41   9.92089 (19101107)   435566.76
3710281.16   10.96323 (20020723)
        435581.55   3710244.07   11.43987 (20020723)   435596.34
3710206.99   11.48578 (20020723)
        435611.13   3710169.90   10.99338 (20020723)   435625.92
3710132.82   10.91395 (21120204)
        435640.71   3710095.73   11.46352 (21110503)   435655.50
3710058.65   11.98620 (21110503)
        435468.84   3710542.15   10.87731 (18012708)   435465.27
3710582.04   10.85114 (18012708)
        435461.70   3710621.93   10.36027 (18012708)   436915.73
3710783.44   36.88008 (20030803)

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        436907.55   3710762.62       36.42717  (20101803)              436937.15
3710806.27       41.64969  (21090701)
        436880.10   3710817.46       25.84280  (20030803)              436860.47
3710777.12       25.61360  (20070405)
        436903.71   3710843.43       30.96731  (21090701)              436845.57
3710853.05       23.68513  (20030803)
        436825.93   3710824.73       23.74398  (20070405)              436813.66
3710793.51       24.83244  (20070405)
        436870.26   3710880.60       28.70101  (21090701)              436811.47
3710889.27       22.81942  (20030803)
        436790.52   3710859.06       22.77169  (20070405)              436766.96
3710810.65       22.89443  (21111806)
        436761.74   3710774.26       23.52146  (20092402)              436836.82
3710917.77       28.52966  (21090701)
        436777.58   3710925.81       23.61316  (20070405)              436755.76
3710894.34       21.49516  (20070405)
        436733.95   3710862.87       21.10754  (21111806)              436720.32
3710828.18       21.66474  (20092402)
        436714.88   3710790.27       22.14988  (19120804)              436709.44
3710752.37       22.98015  (19120804)
        436803.37   3710954.94       26.78810  (21090701)              436743.83
3710962.53       23.45248  (21031805)
        436721.38   3710930.16       22.18814  (21111806)              436698.94
3710897.79       20.05829  (21111806)
        436673.70   3710845.92       20.37994  (19120804)              436668.11
3710806.93       21.13152  (19120804)
        436662.51   3710767.94       20.33484  (19120804)              436769.93
3710992.10       24.26410  (21090701)
        436711.42   3711001.19       20.60144  (21031805)              436691.06
3710971.82       23.21137  (21111806)
        436670.69   3710942.45       21.75945  (21111806)              436650.33
3710913.08       19.34798  (19120804)
        436627.42   3710866.01       19.39536  (19120804)              436622.35
3710830.63       18.90630  (19120804)
        436617.27   3710795.25       19.83190  (21090701)              436612.19
3710759.87       20.67504  (21090701)
        436736.48   3711029.27       20.58722  (21090701)              436677.68
3711037.94       18.72749  (21031805)
        436656.74   3711007.73       20.79824  (21111806)              436635.79
3710977.52       21.22009  (21111806)
        436614.84   3710947.30       18.43094  (19120804)              436593.90
3710917.09       18.24932  (19120804)
        436580.81   3710883.79       17.55694  (19120804)              436575.59
3710847.40       18.43890  (21090701)
        436570.37   3710811.01       19.29566  (21090701)              436565.15
3710774.62       19.28881  (21090424)
        436703.04   3711066.44       19.42732  (21090701)              436644.00
3711074.77       17.48250  (21031805)
        436622.58   3711043.87       17.25689  (21111806)              436601.16
3711012.97       17.24022  (21111806)
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        436579.73   3710982.07       18.36411  (19120804)                436558.31
3710951.17       17.46434  (19120804)
        436534.22   3710901.66       17.12604  (21090701)                436528.88
3710864.45       18.03290  (21090701)
        436523.54   3710827.23       18.17866  (21090424)                436518.20
3710790.01       18.08773  (20091403)
        436512.85   3710752.79       18.62896  (20091403)                436669.59
3711103.60       18.52908  (21090701)
        436610.36   3711111.65       16.85957  (21090424)                436588.54
3711080.18       16.50838  (20091403)
        436566.72   3711048.70       16.21237  (20092402)                436544.90
3711017.23       16.72596  (19120804)
        436523.08   3710985.76       16.63744  (19120804)                436501.26
3710954.29       15.99311  (21090701)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 389
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436487.63   3710919.60       16.77735  (21090701)                436482.19
3710881.70       17.08077  (21090424)
        436476.75   3710843.79       16.93822  (21031805)                436471.31
3710805.88       17.56607  (20091403)
        436465.87   3710767.98       17.45924  (20030803)                436460.43
3710730.07       16.35687  (20030803)
        436636.15   3711140.77       17.84927  (21090701)                436543.15
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3711185.53 15.71883 (21090424)
436520.71 3711153.16 15.26708 (20091403) 436498.27
3711120.79 14.92482 (19120804)
436475.83 3711088.42 15.27669 (19120804) 436453.38
3711056.05 14.56783 (19120804)
436430.94 3711023.68 14.93891 (21090701) 436408.50
3710991.31 15.32302 (21090701)
436394.48 3710955.63 15.32813 (21090424) 436388.89
3710916.64 15.35940 (20091403)
436383.29 3710877.65 15.81439 (20091403) 436377.69
3710838.66 15.55375 (20030803)
436372.10 3710799.67 14.69248 (21101622) 436366.50
3710760.68 15.21929 (20050502)
436360.91 3710721.69 15.66426 (20050504) 436569.25
3711215.11 16.37732 (21090701)
436476.70 3711260.50 14.66969 (21090701) 436455.14
3711229.40 14.05109 (21031805)
436433.58 3711198.30 14.11892 (19120804) 436412.02
3711167.20 14.19732 (19120804)
436390.45 3711136.10 13.45831 (19120804) 436368.89
3711105.00 13.84984 (21090701)
436347.33 3711073.90 14.21579 (21090701) 436325.77
3711042.79 14.10388 (21090424)
436301.52 3710992.96 14.08134 (20091403) 436296.14
3710955.50 14.30912 (20091403)
436290.76 3710918.04 14.08249 (20030803) 436285.39
3710880.58 13.44412 (21101622)
436280.01 3710843.12 13.74332 (20050502) 436274.64
3710805.66 14.27362 (20050504)
436269.26 3710768.20 14.26993 (20050504) 436502.36
3711289.44 15.07971 (21090701)
436409.57 3711334.48 13.78525 (21090701) 436387.52
3711302.68 13.25190 (21031805)
436365.47 3711270.88 13.41706 (19120804) 436343.42
3711239.08 13.19737 (19120804)
436321.37 3711207.27 12.72786 (21090701) 436299.33
3711175.47 13.24459 (21090701)
436277.28 3711143.67 13.36841 (21090701) 436255.23
3711111.87 13.12513 (21090424)
436233.18 3711080.07 12.94704 (20091403) 436208.38
3711029.11 13.10655 (20091403)
436202.89 3710990.81 12.84831 (20030803) 436197.39
3710952.50 12.41813 (21101622)
436191.89 3710914.19 12.64466 (20050502) 436186.39
3710875.89 13.11096 (20050504)
436180.90 3710837.58 13.23560 (20050504) 436175.40
3710799.28 12.86935 (20091405)
436435.47 3711363.78 13.94536 (21090701) 436342.48
3711408.53 13.34181 (21090701)
436320.04 3711376.16 13.27718 (19120804) 436297.60

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        435850.06   3711210.73        9.88920  (21120308)               435836.04
3711175.05       10.16137  (21120308)
        435830.44   3711136.06       10.27755  (21120308)               435824.85
3711097.07       10.14643  (20050504)
        435819.25   3711058.08        9.97601  (20091405)               435813.66
3711019.09        9.91572  (21011908)
        435808.06   3710980.10       10.16665  (21011908)               435802.47
3710941.11       10.56515  (21011908)
        435780.09   3710785.15       10.66789  (17060406)               435774.49
3710746.16       10.17781  (21012124)
        435768.89   3710707.17       10.38355  (19011808)               435763.30
3710668.18       10.55410  (19011808)
        436167.91   3711661.11       12.78027  (19120804)               436074.79
3711705.69       14.61914  (19120804)
        436052.10   3711672.96       14.16654  (21090701)               436029.41
3711640.23       13.90070  (21090701)
        436006.72   3711607.50       13.91057  (21090701)               435984.03
3711574.77       13.66683  (21090701)
        435961.33   3711542.04       13.59768  (21090701)               435938.64
3711509.31       13.85681  (21031805)
        435915.95   3711476.58       13.37525  (20030803)               435893.26
3711443.85       12.87597  (20030803)
        435870.57   3711411.12       12.00154  (20030803)               435847.88
3711378.39       11.57523  (20030803)
        435825.18   3711345.66       11.07741  (20030803)               435802.49
3711312.93       10.44935  (21121308)
        435779.80   3711280.20       10.20171  (21121308)               435757.11
3711247.47       10.39673  (21120308)
        435742.93   3711211.40       10.77293  (21120308)               435737.28
3711171.98       10.77798  (18010108)
        435731.62   3711132.55       10.53105  (18010108)               435725.96
3711093.13        9.96680  (20101307)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                 INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	9.78747	(21011908)	435714.65	3711014.28	9.84888	(21011908)
435692.02	3710856.59	11.03821	(18011908)	435686.36	3710817.17	11.04942	(17060406)
435680.70	3710777.75	10.63932	(19011808)	435675.04	3710738.33	10.42094	(19011808)
435669.39	3710698.90	10.65949	(19011808)	436101.02	3711735.45	14.91899	(19120804)
436008.14	3711780.37	14.21081	(19120804)	435985.92	3711748.33	13.94363	(21090701)
435963.71	3711716.28	14.39456	(21090701)	435941.49	3711684.24	14.66439	(21090701)
435919.28	3711652.20	14.78271	(21090701)	435897.06	3711620.15	14.58090	(21031805)
435874.85	3711588.11	14.57745	(21031805)	435852.63	3711556.07	14.41750	(20030803)
435830.41	3711524.02	14.38017	(20030803)	435808.20	3711491.98	14.23023	(20030803)
435785.98	3711459.94	13.82622	(20030803)	435763.77	3711427.89	13.00210	(20030803)
435741.55	3711395.85	11.72443	(20030803)	435719.34	3711363.81	10.94624	(21121308)
435697.12	3711331.76	10.76993	(21053006)	435674.91	3711299.72	10.84920	(21053006)
435649.92	3711248.38	10.81840	(18010108)	435644.38	3711209.79	11.00087	(18010108)
435638.84	3711171.19	10.83086	(18010108)	435633.30	3711132.59	10.00425	(18010108)
435627.76	3711094.00	9.77074	(21011908)	435622.23	3711055.40	9.78093	(21011908)
435616.69	3711016.81	10.05849	(21011908)	435611.15	3710978.21	10.53525	(21120808)
435605.61	3710939.62	10.68297	(21120808)	435600.07	3710901.02	10.84424	(18011908)
435594.53	3710862.42	11.05357	(21012124)	435588.99	3710823.83	11.21586	(21012124)
435583.45	3710785.23	10.78876	(19011808)	435577.92	3710746.64	10.38393	(19011808)
435572.38	3710708.04	10.42350	(19011808)	435566.84			

3710669.45 10.36557 (19011808)
  436034.13 3711809.78 14.40851 (19120804) 435941.13
3711854.54 13.09287 (19120804)
  435918.69 3711822.17 13.22786 (21090701) 435896.25
3711789.80 13.65350 (21090701)
  435873.81 3711757.43 13.83915 (21090701) 435851.37
3711725.06 14.57728 (21090701)
  435828.92 3711692.69 14.52660 (21031805) 435806.48
3711660.32 14.40963 (21031805)
  435784.04 3711627.95 14.29563 (20091403) 435761.60
3711595.58 14.24935 (20030803)
  435739.15 3711563.21 14.18367 (20030803) 435716.71
3711530.84 13.98667 (20030803)
  435694.27 3711498.47 13.43904 (20030803) 435671.83
3711466.10 12.49745 (20030803)
  435649.39 3711433.73 11.29752 (20030803) 435626.94
3711401.36 11.53236 (20050504)
  435604.50 3711368.99 12.12342 (20050504) 435582.06
3711336.62 12.27715 (20050504)
  435556.82 3711284.75 11.78918 (20050504) 435551.22
3711245.76 11.34636 (18010108)
  435545.63 3711206.77 11.16939 (18010108) 435540.03
3711167.78 10.71520 (18010108)
  435534.44 3711128.80 10.25262 (18010108) 435528.84
3711089.81 10.11114 (21011908)
  435523.25 3711050.82 10.31072 (21120808) 435517.65
3711011.83 10.76170 (21120808)
  435512.06 3710972.84 10.95189 (18011908) 435506.46
3710933.85 11.02412 (18011908)
  435500.86 3710894.86 11.12110 (21012124) 435495.27
3710855.87 11.13681 (21012124)
  435489.67 3710816.88 10.86774 (19011808) 435484.08
3710777.89 10.28352 (19011808)
  435478.48 3710738.90 10.19007 (19011808) 435472.89
3710699.91 10.10608 (19011808)
  435467.29 3710660.92 10.01041 (18012708) 435967.24
3711884.12 13.07315 (19120804)
  436207.69 3711246.88 12.82288 (21090701) 436113.01
3711283.43 11.70315 (21031805)
  436027.25 3711334.86 11.48715 (21031805) 435941.49
3711386.29 12.11700 (20030803)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435855.73   3711437.72   13.03477 (20030803)   435769.97
3711489.16   14.06391 (20030803)
        435684.21   3711540.59   13.83459 (20030803)   436976.59
3710831.32   45.67840 (20070301)
        436963.10   3710877.99   44.87334 (20092402)   436925.91
3710862.92   39.37719 (21090701)
        436980.21   3710926.56   48.08194 (20051605)   436942.21
3710924.20   42.71530 (20092402)
        436908.75   3710910.64   39.35673 (19120804)   436967.77
3710973.29   44.37339 (20051605)
        436925.55   3710970.67   39.80460 (21111806)   436888.37
3710955.61   35.82821 (19120804)
        436976.14   3711021.32   43.64166 (20070405)   436953.53
3711019.92   41.57564 (20070405)
        436908.29   3711017.11   37.59473 (21111806)   436868.45
3711000.97   33.76443 (19120804)
        436851.23   3710986.24   31.64453 (19120804)   436834.01
3710971.50   29.17232 (19120804)
        436930.23   3711065.98   38.06252 (20070405)   436850.83
3711048.29   27.15161 (21111806)
        436818.68   3711020.79   26.36273 (19120804)   436892.46
3711111.14   30.60464 (20070405)
        436831.25   3711093.95   23.65242 (21111806)   436797.50
3711065.07   22.68230 (19120804)
        436763.75   3711036.20   21.26309 (21090701)   436990.56
3711164.74   43.76679 (18101320)
        436811.82   3711139.73   22.67106 (20092402)   436794.29
3711124.73   21.88184 (19120804)
        436776.75   3711109.73   21.87091 (19120804)   436759.22
3711094.73   21.04095 (19120804)

```
        436741.69   3711079.72       19.87940  (21090701)               436985.96
3711211.96       42.48761  (18101320)
        436876.35   3711205.15       25.26936  (20070405)               436832.50
3711202.43       23.50695  (20051605)
        436793.89   3711186.79       21.85042  (21111806)               436760.51
3711158.23       20.88420  (19120804)
        436727.13   3711129.67       19.94451  (19120804)               436693.75
3711101.11       19.02964  (21090701)
        436972.76   3711258.65       40.48726  (18101320)               436950.14
3711257.25       37.79343  (18101320)
        436927.52   3711255.84       33.64899  (18101320)               436904.90
3711254.44       28.97458  (18101320)
        436882.28   3711253.03       25.09642  (20101803)               436859.66
3711251.63       23.44760  (20070405)
        436837.05   3711250.22       23.34239  (20070405)               436740.15
3711203.21       19.93542  (20092402)
        436722.93   3711188.48       19.92149  (19120804)               436705.71
3711173.75       19.45507  (19120804)
        436688.49   3711159.02       18.51214  (19120804)               436671.27
3711144.28       18.17063  (21090701)
        436636.83   3711114.82       17.74463  (21090701)               436955.44
3711352.59       35.46912  (18101320)
        436910.73   3711349.81       29.17527  (18101320)               436866.03
3711347.04       23.34111  (20101803)
        436821.32   3711344.26       21.31153  (19082401)               436686.20
3711281.86       18.43609  (20092402)
        436652.16   3711252.74       18.00429  (19120804)               436618.13
3711223.62       16.55936  (19120804)
        436584.09   3711194.50       16.70838  (21090701)               437049.21
3711453.43       37.43227  (18061301)
        436916.22   3711445.17       27.19320  (18101320)               436871.88
3711442.42       23.35214  (18101320)
        436827.55   3711439.66       21.27315  (20101803)               436783.22
3711436.91       19.92715  (19082401)
        436615.47   3711346.15       16.59323  (19120804)               436581.72
3711317.28       16.32235  (19120804)
        436547.97   3711288.40       15.14999  (21090701)               436514.22
3711259.52       15.39444  (21090701)
        436480.47   3711230.65       14.57254  (21090424)               437093.71
3711551.21       38.51643  (19021501)
        437070.68   3711549.78       36.70420  (18061301)               437047.65
3711548.35       35.28337  (18061301)
        437024.62   3711546.92       31.12114  (18061301)               436886.44
3711538.34       24.47424  (18101320)
        436863.41   3711536.91       23.49508  (18101320)               436840.38
3711535.48       21.89178  (18101320)
        436817.35   3711534.05       20.12946  (18101320)               436794.32
3711532.62       19.55032  (20101803)
        436771.30   3711531.19       19.57879  (20101803)               436626.58
3711480.46       16.53158  (20051605)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	15.30043	(19120804)	436538.91	3711405.46	15.40967	(19120804)
436521.38	3711390.46	15.18434	(19120804)	436503.85	3711375.46	14.73470	(19120804)
436486.32	3711360.46	14.19832	(19120804)	436468.78	3711345.46	14.24182	(21090701)
436451.25	3711330.46	14.30607	(21090701)	436433.72	3711315.46	14.10896	(21090701)
436416.18	3711300.46	13.73114	(21090424)	437208.16	3711550.97	33.78861	(17010717)
437166.02	3711650.72	37.67131	(20121401)	437143.22	3711649.30	36.29224	(19021501)
437120.42	3711647.89	37.00380	(19021501)	437097.62	3711646.47	35.70143	(19021501)
437074.82	3711645.05	31.67473	(19021501)	437052.02	3711643.64	27.46286	(18061301)
437029.22	3711642.22	25.61251	(18061301)	437006.42	3711640.81	23.70152	(21121219)
436846.83	3711630.89	20.92913	(18101320)	436824.03	3711629.48	20.04988	(18101320)
436801.23	3711628.06	19.34147	(19071305)	436778.43			

3711626.65 18.53523 (17100222)
436755.63 3711625.23 18.14184 (20101803) 436732.83
3711623.81 18.24603 (20101803)
436572.20 3711558.75 15.39221 (20051605) 436537.49
3711529.05 15.20958 (20092402)
436502.77 3711499.35 14.42272 (20092402) 436485.41
3711484.49 14.39479 (19120804)
436468.06 3711469.64 14.36707 (19120804) 436450.70
3711454.79 14.12627 (19120804)
436433.34 3711439.94 13.80762 (19120804) 436415.98
3711425.09 13.54661 (19120804)
436398.63 3711410.24 13.47489 (21090701) 436381.27
3711395.39 13.61705 (21090701)
436363.91 3711380.54 13.51004 (21090701) 436346.55
3711365.69 13.30014 (19120804)
436329.20 3711350.84 13.28635 (19120804) 437211.62
3711653.55 34.60307 (20121401)
437233.95 3711647.59 31.27246 (17010717) 437214.79
3711748.76 30.78235 (20121401)
437192.17 3711747.36 34.89570 (20121401) 437169.55
3711745.95 35.25371 (20121401)
437146.93 3711744.55 33.53903 (21082303) 437124.32
3711743.14 34.07600 (19021501)
437101.70 3711741.74 33.60185 (19021501) 437079.08
3711740.33 31.59567 (19021501)
437056.46 3711738.93 28.49866 (19021501) 437033.84
3711737.53 26.36477 (18061301)
437011.22 3711736.12 24.35602 (18061301) 436988.60
3711734.72 22.01450 (21121219)
436965.98 3711733.31 22.21505 (19120806) 436852.89
3711726.29 19.57844 (20090502)
436830.27 3711724.88 18.87212 (18101320) 436807.65
3711723.48 18.83854 (18101320)
436785.04 3711722.07 18.56901 (19071305) 436762.42
3711720.67 17.96004 (19071305)
436739.80 3711719.26 17.11378 (19071305) 436717.18
3711717.86 16.88736 (17100222)
436500.77 3711622.44 14.20622 (20092402) 436483.55
3711607.71 14.27055 (20092402)
436466.33 3711592.97 14.07230 (20092402) 436449.11
3711578.24 13.72546 (20092402)
436431.89 3711563.51 13.53770 (19120804) 436414.67
3711548.77 13.66899 (19120804)
436397.45 3711534.04 13.71891 (19120804) 436380.23
3711519.31 13.72924 (19120804)
436363.01 3711504.58 13.65488 (19120804) 436345.79
3711489.84 13.41064 (19120804)
436328.57 3711475.11 13.22913 (19120804) 436311.35
3711460.38 13.12021 (19120804)
436294.13 3711445.64 13.07918 (19120804) 436276.91

3711430.91   13.06876 (19120804)
        436259.69   3711416.18   13.06775 (19120804)   436139.16
3711313.05   12.59634 (21090701)
        437237.41   3711750.17   27.87785 (17010717)   437259.74
3711744.21   27.09015 (20092002)
        437240.72   3711845.39   26.36121 (19082904)   437218.25
3711843.99   29.85267 (20121401)
        437195.78   3711842.60   31.24012 (20121401)   437173.31
3711841.20   30.95206 (20121401)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436768.80 3711816.08 17.81135 (18101320) 436746.32
3711814.69 17.42606 (18101320)
436723.85 3711813.29 16.78358 (19071305) 436701.38
3711811.89 16.07621 (19071305)
436678.91 3711810.50 15.82103 (17100222) 436446.78
3711701.06 13.69519 (21111806)
436412.57 3711671.78 13.55307 (21111806) 436378.35
3711642.50 13.16629 (21111806)
436361.24 3711627.87 13.26134 (19120804) 436327.02
3711598.59 13.50767 (19120804)
436292.81 3711569.32 13.10786 (19120804) 436258.59
3711540.04 12.77898 (19120804)
436224.37 3711510.76 12.56783 (19120804) 436190.15
3711481.49 12.25969 (19120804)
436173.04 3711466.85 11.94981 (19120804) 436053.28
3711364.39 12.26632 (21031805)
437263.20 3711846.79 24.80866 (20092002) 437285.53
3711840.83 24.75881 (19072204)
437265.95 3711941.97 26.60346 (19082904) 437242.92
3711940.54 28.32399 (20081206)
437219.89 3711939.11 28.92333 (20121401) 437196.86
3711937.68 29.44699 (20121401)
437173.83 3711936.25 29.43960 (20121401) 437150.80
3711934.82 29.05517 (20121401)
437127.77 3711933.39 28.91277 (19021501) 437104.74
3711931.96 29.69445 (19021501)
437081.72 3711930.53 29.29108 (19021501) 437058.69
3711929.10 28.36849 (19021501)
437035.66 3711927.67 26.59266 (19021501) 437012.63
3711926.24 25.51997 (18061301)
436989.60 3711924.81 24.17169 (18061301) 436966.57
3711923.38 22.30735 (18061301)
436943.54 3711921.95 20.93279 (21121219) 436920.51
3711920.52 20.74280 (19120806)
436782.33 3711911.94 16.88127 (20090502) 436759.30
3711910.51 16.95303 (18101320)
436736.27 3711909.08 16.97922 (18101320) 436713.24
3711907.65 16.69675 (18101320)
436690.21 3711906.22 16.17678 (18101320) 436667.18
3711904.79 15.47946 (18101320)
436406.27 3711791.20 14.21084 (21111806) 436388.74
3711776.20 14.30735 (21111806)
436371.20 3711761.20 13.92062 (21111806) 436353.67
3711746.20 13.72013 (21111806)
436336.14 3711731.20 13.79472 (21111806) 436318.61
3711716.20 13.51107 (21111806)
436301.07 3711701.20 13.27991 (21111806) 436283.54
3711686.19 13.18869 (19120804)
436266.01 3711671.19 13.14339 (19120804) 436248.47
3711656.19 12.99676 (19120804)

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        436230.94   3711641.19       12.83848  (19120804)                436213.41
3711626.19       12.68645  (19120804)
        436195.88   3711611.19       12.53252  (19120804)                436178.34
3711596.19       12.38697  (19120804)
        436160.81   3711581.19       12.23367  (19120804)                436143.28
3711566.19       12.03933  (19120804)
        436125.74   3711551.19       11.77430  (21090701)                436108.21
3711536.19       11.66575  (21090701)
        435985.48   3711431.18       13.01496  (21031805)                437288.98
3711943.40       24.85216  (19072204)
        437311.31   3711937.44       24.07253  (19120802)                437291.90
3712038.60       25.73150  (19072204)
        437269.03   3712037.18       28.17459  (20081206)                437246.16
3712035.76       28.80764  (20081206)
        437223.29   3712034.34       28.77497  (21091105)                437200.42
3712032.92       29.19486  (20121401)
        437177.55   3712031.50       29.02997  (20121401)                437154.68
3712030.08       27.92892  (20121401)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 395
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437131.81   3712028.66       26.27954  (21082303)                437108.94
3712027.24       26.25299  (19021501)
        437086.07   3712025.82       26.54393  (19021501)                437063.20
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3712024.40 26.07172 (19021501)
437040.33 3712022.98 24.32452 (19021501) 437017.46
3712021.56 21.47146 (18061301)
436994.59 3712020.14 20.45563 (18061301) 436971.72
3712018.72 18.97665 (18061301)
436948.85 3712017.30 17.52664 (20091402) 436925.98
3712015.88 17.57876 (21121219)
436903.11 3712014.45 17.57787 (19120806) 436743.02
3712004.51 16.00601 (18101320)
436720.15 3712003.09 16.38633 (18101320) 436697.28
3712001.67 16.43138 (18101320)
436674.41 3712000.25 16.19978 (18101320) 436651.54
3711998.83 15.78479 (18101320)
436628.67 3711997.41 15.19378 (18101320) 436352.17
3711869.72 15.70087 (21111806)
436334.76 3711854.82 15.72532 (21111806) 436317.34
3711839.92 15.66056 (21111806)
436299.93 3711825.03 15.59340 (21111806) 436282.52
3711810.13 15.44130 (21111806)
436265.11 3711795.23 15.43226 (21111806) 436247.70
3711780.34 15.30349 (21111806)
436230.29 3711765.44 15.19529 (19120804) 436212.88
3711750.54 15.38641 (19120804)
436195.47 3711735.65 15.27328 (19120804) 436178.06
3711720.75 15.22820 (19120804)
436160.64 3711705.86 14.74896 (19120804) 436143.23
3711690.96 14.50391 (19120804)
436125.82 3711676.06 13.93402 (19120804) 436108.41
3711661.17 13.46817 (19120804)
436091.00 3711646.27 12.92621 (19120804) 436073.59
3711631.37 12.27300 (19120804)
436056.18 3711616.48 12.17944 (21090701) 436038.77
3711601.58 12.61062 (21090701)
436021.36 3711586.68 13.22998 (21090701) 435882.07
3711467.51 13.82220 (20030803)
437337.10 3712034.06 22.62644 (19120802) 437295.09
3712133.81 25.07052 (20081206)
437272.36 3712132.40 26.40306 (20081206) 437249.62
3712130.99 26.89081 (20081206)
437226.89 3712129.58 27.08266 (21091105) 437204.15
3712128.17 27.38868 (20121401)
437181.42 3712126.76 27.02879 (20121401) 437158.68
3712125.34 25.69740 (20121401)
437135.95 3712123.93 24.27383 (21082303) 437113.21
3712122.52 24.41753 (19021501)
437090.48 3712121.11 24.76750 (19021501) 437067.74
3712119.70 24.32537 (19021501)
437045.01 3712118.28 23.03536 (19021501) 436999.54
3712115.46 18.85722 (18061301)
436976.81 3712114.05 17.93964 (18061301) 436954.07

3712112.64   16.89144 (18061301)
        436931.34   3712111.22   16.67049 (20091402)   436908.60
3712109.81   16.73031 (21121219)
        436885.87   3712108.40   16.56259 (19052823)   436863.13
3712106.99   16.81353 (19120806)
        436840.40   3712105.58   16.66095 (19120806)   436726.73
3712098.52   15.18439 (20090502)
        436703.99   3712097.10   15.56783 (18101320)   436681.26
3712095.69   15.93312 (18101320)
        436658.52   3712094.28   15.85557 (18101320)   436635.79
3712092.87   15.51460 (18101320)
        436613.05   3712091.46   14.97737 (18101320)   436590.32
3712090.05   14.30962 (18101320)
        436476.64   3712082.99   13.12439 (20101803)   436436.60
3712066.77   12.48720 (20101803)
        436298.14   3711948.30   14.62473 (21111806)   436280.83
3711933.49   15.11801 (21111806)
        436263.52   3711918.68   15.37898 (21111806)   436246.21
3711903.87   15.50743 (21111806)
        436228.91   3711889.06   15.40778 (21111806)   436211.60
3711874.26   15.46250 (21111806)
        436194.29   3711859.45   15.18583 (21111806)   436176.98
3711844.64   14.94503 (19120804)
        436159.67   3711829.83   15.12705 (19120804)   436142.37
3711815.02   15.19637 (19120804)
        436125.06   3711800.21   15.16448 (19120804)   436107.75
3711785.41   15.06875 (19120804)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436090.44	3711770.60	14.93553	(19120804)	436073.13	3711755.79	14.75220	(19120804)
436055.83	3711740.98	14.55410	(19120804)	436038.52	3711726.17	14.34518	(19120804)
436021.21	3711711.36	14.24293	(21090701)	436003.90	3711696.56	14.44458	(21090701)
435986.59	3711681.75	14.68162	(21090701)	435969.29	3711666.94	14.80319	(21090701)
435951.98	3711652.13	14.81564	(21090701)	435830.82	3711548.47	14.38573	(20030803)
435796.21	3711518.86	14.28473	(20030803)	437340.56	3712136.64	24.29375	(19082902)
437343.73	3712231.85	23.83212	(18052306)	437298.49	3712229.04	23.92330	(20081206)
437275.87	3712227.64	24.90607	(20081206)	437253.25	3712226.23	25.30861	(20081206)
437230.64	3712224.83	25.52526	(21091105)	437208.02	3712223.42	25.74245	(20121401)
437185.40	3712222.02	25.78416	(20121401)	437162.78	3712220.61	25.09452	(20121401)
437140.16	3712219.21	23.68983	(20121401)	437117.54	3712217.80	23.22491	(21082303)
437094.92	3712216.40	23.76049	(19021501)	437072.31	3712214.99	23.79606	(19021501)
437049.69	3712213.59	23.14622	(19021501)	437004.45	3712210.78	18.66908	(19021501)
436959.21	3712207.97	16.56343	(18061301)	436936.59	3712206.57	15.75517	(20091402)
436913.98	3712205.16	15.73577	(20091402)	436891.36	3712203.76	15.77170	(21121219)
436868.74	3712202.35	15.61543	(19052823)	436846.12	3712200.95	15.86692	(19120806)
436823.50	3712199.54	15.84716	(19120806)	436710.41	3712192.52	14.88027	(20090502)
436687.79	3712191.11	14.76235	(18101320)	436665.17	3712189.71	15.09933	(18101320)
436642.55	3712188.31	15.10860	(18101320)	436619.93	3712186.90	14.76572	(18101320)
436597.31	3712185.50	14.19644	(18101320)	436574.70	3712184.09	13.60916	(18101320)
436552.08	3712182.69	12.97330	(19071305)	436529.46	3712181.28	12.70235	(17100222)
436506.84	3712179.88	12.65067	(17100222)	436484.22	3712178.47	12.42465	(17100222)

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        436461.60   3712177.07       12.53870  (20101803)               436438.98
3712175.66       12.48166  (20101803)
        436399.15   3712159.53       12.05374  (20101803)               436381.93
3712144.79       11.82034  (19082401)
        436364.71   3712130.06       11.54595  (19082401)               436347.49
3712115.33       11.61088  (20070405)
        436330.27   3712100.59       11.98150  (20070405)               436313.05
3712085.86       12.23862  (20070405)
        436295.83   3712071.13       12.29706  (20070405)               436278.61
3712056.40       12.22681  (20070405)
        436261.39   3712041.66       12.16326  (20051605)               436244.17
3712026.93       12.30676  (21111806)
        436226.95   3712012.20       12.30736  (21111806)               436209.73
3711997.46       12.15108  (21111806)
        436192.51   3711982.73       12.05169  (21111806)               436175.29
3711968.00       11.90708  (21111806)
        436158.07   3711953.27       11.88590  (21111806)               436140.85
3711938.53       11.96368  (21111806)
        436123.63   3711923.80       12.26449  (21111806)               436106.41
3711909.07       13.03201  (19120804)
        436089.19   3711894.33       13.48960  (19120804)               436071.97
3711879.60       13.56180  (19120804)
        436054.75   3711864.87       13.52216  (19120804)               436037.53
3711850.14       13.43728  (19120804)
        436020.31   3711835.40       13.54070  (19120804)               436003.09
3711820.67       13.70997  (19120804)
        435985.87   3711805.94       13.56759  (19120804)               435968.65
3711791.20       13.35514  (19120804)
        435951.43   3711776.47       13.46751  (21090701)               435934.21
3711761.74       13.76466  (21090701)
        435916.99   3711747.01       13.91499  (21090701)               435899.77
3711732.27       13.96321  (21090701)
        435882.55   3711717.54       14.28279  (21090701)               435865.34
3711702.81       14.56995  (21090701)
        435727.58   3711584.95       14.19203  (20030803)               435710.36
3711570.21       14.09191  (20030803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 397
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
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                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436970.60   3710769.10       42.00378  (20092305)               436955.72
3710755.71       43.15254  (21090424)
        436964.65   3710655.98       47.04307  (20101803)               437021.21
3710584.54       53.69036  (17100222)
        437018.23   3710502.68       65.89813  (20101803)               437036.09
3710435.70       77.89834  (20101803)
        437094.14   3710349.37      197.53050  (19021217)               437061.39
3710282.39      173.58862  (19021217)
        437037.58   3710213.93      137.38959  (21090405)               437036.09
3710167.79      130.42192  (20121403)
        437070.32   3710115.69      125.18805  (20012122)               437123.91
3710072.53      125.41687  (17022717)
        437222.14   3710135.04      122.51437  (21101617)               437186.42
3710196.07      149.78867  (20120708)
        437176.00   3710245.18      182.11810  (20120708)               437195.35
3710271.98      167.43227  (20120708)
        437262.33   3710316.63      151.26064  (21101617)               437296.56
3710364.26      156.18386  (21101617)
        437295.07   3710425.28      198.18360  (17070719)               437305.49
3710466.96      158.12931  (17070719)
        437274.24   3710557.75      172.08847  (20012324)               437244.47
3710642.59      177.99696  (21120323)
        437260.84   3710791.43      131.02830  (19092304)               437210.23
3710813.76      161.13259  (19021217)
        437162.60   3710772.08      132.03991  (19021217)               437001.86
3710778.03       45.11936  (20121320)
        436979.53   3710783.99       42.21386  (20121320)

 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 398
 *** 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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437003.71	3710828.00	616.48628	(19021217)	437026.67	3710827.15	594.61922	(19021217)
437049.64	3710826.30	589.57515	(19021217)	437072.60	3710825.45	582.49785	(19021217)
437095.56	3710824.60	568.39901	(19021217)	437118.52	3710823.75	536.77067	(19021217)
437141.49	3710822.90	488.11557	(20122620)	437164.45	3710822.05	494.62071	(20122620)
437005.56	3710877.96	461.25801	(21121618)	437028.52	3710877.11	443.00881	(19021217)
437051.48	3710876.26	432.38781	(19021217)	437074.45	3710875.41	415.68360	(19021217)
437097.41	3710874.56	388.83327	(19021217)	437120.37	3710873.71	390.12780	(21090723)
437143.34	3710872.86	402.21108	(20122620)	437166.30	3710872.01	403.51695	(20122620)
437007.41	3710927.93	446.01056	(17102803)	437030.37	3710927.08	402.98445	(19090606)
437053.33	3710926.23	330.17203	(20092523)	437076.30	3710925.38	326.78441	(21090723)
437099.26	3710924.53	332.37673	(21090723)	437122.22	3710923.68	333.63170	(19121219)
437145.19	3710922.83	341.64405	(20122620)	437168.15	3710921.98	342.70799	(20122620)
437009.26	3710977.89	439.85979	(19120806)	437032.22	3710977.04	404.11632	(21121219)
437055.18	3710976.19	316.69612	(20092523)	437078.15	3710975.34	286.67209	(21090723)

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        437101.11   3710974.49      289.23075  (21090723)              437124.07
3710973.64      291.30426  (19121219)
        437147.04   3710972.79      296.76112  (20122620)              437170.00
3710971.94      297.98760  (20122620)
        437011.11   3711027.86      401.79746  (19120806)              437034.07
3711027.01      370.29646  (21121219)
        437057.03   3711026.16      286.43945  (20092523)              437080.00
3711025.31      254.34320  (21090723)
        437102.96   3711024.46      255.30467  (21090723)              437125.92
3711023.61      257.68183  (19121219)
        437148.88   3711022.76      261.34214  (20122620)              437171.85
3711021.91      263.44969  (20122620)
        437012.96   3711077.82      363.78608  (19120806)              437035.92
3711076.97      360.78715  (18061301)
        437058.88   3711076.12      349.27177  (20050503)              437081.85
3711075.27      308.79168  (21090703)
        437104.81   3711074.42      248.00712  (21090723)              437127.77
3711073.57      230.74458  (19121219)
        437150.73   3711072.72      232.93851  (20122620)              437173.70
3711071.87      235.81126  (20122620)
        437014.81   3711127.79      323.62838  (18061301)              437037.77
3711126.94      339.11053  (19021501)
        437060.73   3711126.09      347.77279  (19021501)              437083.70
3711125.24      328.01433  (19092301)
        437106.66   3711124.39      295.55114  (17010717)              437129.62
3711123.54      223.62895  (17052803)
        437152.58   3711122.69      209.62498  (20122620)              437175.55
3711121.84      212.81125  (20122620)
        437016.66   3711177.76      307.56061  (18061301)              437039.62
3711176.91      321.30785  (19021501)
        437062.58   3711176.06      328.72533  (19021501)              437085.54
3711175.21      314.88556  (20121401)
        437108.51   3711174.36      284.61498  (17010717)              437131.47
3711173.51      250.22960  (17010717)
        437154.43   3711172.66      190.63645  (20122620)              437177.40
3711171.81      193.53048  (20122620)
        437018.51   3711227.72      293.91668  (18061301)              437041.47
3711226.87      305.05454  (19021501)
        437064.43   3711226.02      308.89906  (19021501)              437087.39
3711225.17      306.06309  (20121401)
        437110.36   3711224.32      291.45617  (20121401)              437133.32
3711223.47      252.49125  (17010717)
        437156.28   3711222.62      174.80759  (19121219)              437179.25
3711221.77      176.64187  (20122620)
        437020.36   3711277.69      271.12199  (18061301)              437043.32
3711276.84      274.56788  (19021501)
        437066.28   3711275.99      284.76390  (19021501)              437089.24
3711275.14      286.73166  (20121401)
        437112.21   3711274.29      277.94399  (20121401)              437135.17
3711273.44      245.32346  (17010717)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	236.70620	(20050503)	437047.02	3711376.77	230.64161	(19021501)
437069.98	3711375.92	232.29986	(19092301)	437092.94	3711375.07	237.39991	(20121401)
437115.91	3711374.22	238.93784	(20121401)	437138.87	3711373.37	226.17290	(17010717)
437161.83	3711372.52	184.31421	(17010717)	437184.79	3711371.67	138.30895	(20122620)
437027.75	3711477.55	223.76024	(19021501)	437050.72	3711476.70	203.10782	(19021501)
437073.68	3711475.85	191.78672	(19092301)	437096.64	3711475.00	181.19074	(19092301)
437119.61	3711474.15	179.96510	(17010717)	437142.57	3711473.30	173.78437	(17010717)
437165.53	3711472.45	157.30644	(17010717)	437188.49	3711471.60	119.99696	(20122620)
437031.45	3711577.48	199.35769	(19021501)	437054.42	3711576.63	205.40395	(19021501)
437077.38	3711575.78	209.51100	(20121401)	437100.34			

3711574.93 214.82288 (20121401)
437123.30 3711574.08 197.44985 (20121401) 437146.27
3711573.23 171.48319 (17010717)
437169.23 3711572.38 152.72554 (17010717) 437192.19
3711571.53 145.48838 (20092002)
437035.15 3711677.41 168.94180 (19021501) 437058.11
3711676.56 169.59816 (19021501)
437081.08 3711675.71 182.66723 (20121401) 437104.04
3711674.86 193.64035 (20121401)
437127.00 3711674.01 196.38249 (21091105) 437149.97
3711673.16 194.29093 (20081206)
437172.93 3711672.31 188.95052 (20081206) 437195.89
3711671.46 175.48827 (19082902)
437038.85 3711777.35 171.47240 (19021501) 437061.81
3711776.50 166.69352 (19021501)
437084.78 3711775.65 177.48885 (20121401) 437107.74
3711774.80 182.79735 (20121401)
437130.70 3711773.95 179.05170 (20121401) 437153.67
3711773.10 171.24695 (20081206)
437176.63 3711772.25 163.97306 (20081206) 437199.59
3711771.40 155.30804 (19082902)
437042.55 3711877.28 163.64240 (19021501) 437065.51
3711876.43 161.57172 (20121401)
437088.48 3711875.58 165.88213 (20121401) 437111.44
3711874.73 163.96200 (20121401)
437134.40 3711873.88 153.85386 (20121401) 437157.36
3711873.03 142.02539 (19082904)
437180.33 3711872.18 137.96139 (19082904) 437203.29
3711871.33 138.14147 (19072204)
437046.25 3711977.21 146.03303 (19021501) 437069.21
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437184.03 3711972.11 134.80430 (19082904) 437206.99
3711971.26 135.41578 (19072204)
437049.95 3712077.14 127.25648 (21082303) 437072.91
3712076.29 135.58052 (20121401)
437095.87 3712075.44 139.78352 (20121401) 437118.84
3712074.59 142.73863 (21091105)
437141.80 3712073.74 144.61151 (21091105) 437164.76
3712072.89 144.44510 (20081206)
437187.73 3712072.04 140.09367 (20081206) 437210.69
3712071.19 134.00537 (19082902)
437053.65 3712177.07 121.91166 (21082303) 437076.61
3712176.22 129.60092 (20121401)
437099.57 3712175.37 134.57914 (20121401) 437122.54
3712174.52 136.70426 (21091105)
437145.50 3712173.67 136.80228 (21091105) 437168.46

3712172.82   135.62454 (20081206)
        437191.42   3712171.97   133.23104 (20081206)   437214.39
3712171.12   127.19835 (20081206)
        437057.35   3712277.00   117.47736 (20121401)   437080.31
3712276.15   123.56493 (20121401)
        437103.27   3712275.30   126.85603 (20121401)   437126.24
3712274.45   128.60886 (21091105)
        437149.20   3712273.60   128.56912 (21091105)   437172.16
3712272.75   127.53721 (20081206)
        437195.12   3712271.90   125.31420 (20081206)   437218.09
3712271.05   120.56420 (20081206)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437177.30   3710851.39   425.79282 (20122620)   437096.75
3710847.33   475.30980 (19021217)
        437079.70   3710898.86   354.34901 (20092523)   437062.65
3710950.38   307.13104 (20092523)
        437045.60   3711001.90   351.90890 (19091402)   436965.04
3710997.84   415.01282 (20120702)
        436932.11   3711035.47   381.73970 (18101320)   436963.86
3711063.26   374.39462 (20120702)
        436899.18   3711073.10   347.50880 (18101320)   436930.94
3711100.89   343.30295 (18101320)

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        436866.26   3711110.73      262.38154  (18101320)                436898.01
3711138.51      299.55970  (18101320)
        436833.33   3711148.35      230.59954  (20101803)                436865.08
3711176.14      239.85651  (18101320)
        436767.48   3711223.61      204.92250  (20101803)                436799.23
3711251.40      200.30310  (20101803)
        436701.62   3711298.86      187.23709  (20070405)                436733.38
3711326.65      185.64046  (20101803)
        436635.77   3711374.12      171.21161  (20070405)                436667.52
3711401.90      159.61162  (19082401)
        436569.92   3711449.37      153.46977  (20051605)                436601.67
3711477.16      152.41961  (20070405)
        436504.06   3711524.63      136.84395  (21120223)                436535.82
3711552.41      139.62923  (20070405)
        436438.21   3711599.88      121.88509  (21111806)                436469.96
3711627.67      127.52194  (20051605)
        436372.35   3711675.14      114.74790  (21111806)                436404.11
3711702.92      114.63329  (21120223)
        436306.50   3711750.39      122.80314  (21111806)                436338.25
3711778.18      121.19064  (21111806)
        436240.65   3711825.65      124.02899  (21111806)                436272.40
3711853.43      126.92741  (21111806)
        436174.79   3711900.90      105.00496  (21111806)                436206.55
3711928.69      104.83086  (21111806)
        437216.54   3710861.35      381.31754  (20022307)                437247.28
3710852.06      373.61779  (20022307)
        437281.02   3710837.18      436.99946  (19040621)                437236.73
3710907.09      325.44617  (20022307)
        437208.99   3710910.77      324.10727  (20101722)                437157.06
3710894.91      374.98704  (20122620)
        437267.47   3710897.81      315.88169  (20022307)                437301.21
3710882.92      396.48905  (19040621)
        437254.14   3710953.20      281.79023  (20022307)                437220.85
3710957.62      280.66664  (20101722)
        437157.12   3710947.88      319.17489  (20122620)                437287.65
3710943.55      339.12797  (20100624)
        437321.39   3710928.67      346.38943  (19040621)                437275.11
3710998.84      248.52949  (20022307)
        437243.41   3711003.05      246.77082  (20101722)                437211.71
3711007.26      254.67759  (20122620)
        437151.01   3710997.98      278.65572  (20122620)                437307.83
3710989.30      307.90967  (20100624)
        437341.57   3710974.41      289.89412  (20050801)                437293.81
3711044.79      221.82881  (20022307)
        437259.14   3711049.39      219.44749  (20101722)                437224.47
3711053.99      224.80181  (20122620)
        437140.74   3711046.14      244.78342  (20122620)                437328.02
3711035.04      246.98569  (20022307)
        437361.76   3711020.16      214.49142  (21021920)                437314.69
3711090.44      200.06823  (20022307)
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        437281.40   3711094.86      197.85542  (20022307)               437248.12
3711099.27      199.01427  (17022801)
        437214.83   3711103.69      211.89535  (20122620)               437134.46
3711096.16      219.97364  (19121219)
        437043.12   3711053.68      356.96725  (21121219)               437348.20
3711080.79      196.47053  (20022307)
        437381.94   3711065.90      184.93395  (21021920)               437333.86
3711136.32      182.19246  (20022307)
        437298.56   3711141.00      180.12416  (20022307)               437263.26
3711145.69      179.98651  (20101722)
        437227.95   3711150.37      191.00730  (20122620)               437192.65
3711155.06      199.12239  (20122620)
        437141.20   3711152.23      204.44496  (17052803)               437028.18
3711099.68      347.35860  (18061301)
        437368.38   3711126.53      175.27821  (20022307)               437402.12
3711111.65      169.38002  (21021920)
        437354.63   3711181.99      168.80312  (20022307)               437320.49
3711186.52      165.68685  (20022307)
        437286.35   3711191.05      165.48627  (20101722)               437252.21
3711195.58      167.78665  (17022801)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437218.07   3711200.11      179.91536  (20122620)               437118.57
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3711194.65 277.22289 (17010717)
437024.88 3711151.08 318.85580 (19021501) 436993.66
3711136.56 323.06138 (19120806)
436962.43 3711122.04 335.22468 (20120702) 437388.57
3711172.28 160.51111 (20022307)
437422.31 3711157.39 158.40652 (21021920) 437374.05
3711227.83 161.49714 (20022307)
437338.39 3711232.57 155.73150 (20102819) 437302.72
3711237.30 152.46137 (20101722)
437267.06 3711242.03 154.00652 (17022801) 437231.40
3711246.76 164.33533 (20122620)
437195.73 3711251.50 168.18041 (20122620) 437125.93
3711251.01 265.64628 (17010717)
437028.06 3711205.50 304.55706 (19021501) 436995.44
3711190.33 296.71123 (19120806)
436962.82 3711175.16 301.17662 (20120702) 436930.20
3711159.99 298.22663 (18101320)
437408.75 3711218.02 148.16236 (20022307) 437442.49
3711203.14 161.68680 (20092322)
437394.73 3711273.51 154.49993 (20022307) 437360.06
3711278.11 157.98480 (20102819)
437325.38 3711282.71 141.80072 (20101722) 437290.71
3711287.32 140.68871 (17022801)
437256.04 3711291.92 147.31562 (20122620) 437221.37
3711296.52 154.92584 (20122620)
437186.69 3711301.12 154.81768 (20122620) 437152.02
3711305.72 203.38254 (17010717)
437118.83 3711300.65 256.53948 (20121401) 437007.82
3711249.03 286.34321 (18061301)
436976.11 3711234.28 284.50203 (19120806) 436944.39
3711219.53 271.72847 (20120702)
436912.68 3711204.78 262.62760 (18101320) 437428.94
3711263.77 155.20060 (20022307)
437462.68 3711248.88 181.93029 (20050801) 437434.91
3711365.03 165.83681 (21021002)
437399.88 3711369.68 158.87934 (20102819) 437364.84
3711374.33 146.87880 (17102724)
437329.80 3711378.98 122.49486 (17102724) 437294.76
3711383.62 123.54241 (17022801)
437259.73 3711388.27 130.88744 (20122620) 437224.69
3711392.92 135.06351 (20122620)
437189.65 3711397.57 133.37450 (20122620) 437154.61
3711402.22 193.68286 (17010717)
437103.55 3711399.42 231.53779 (20121401) 437007.40
3711354.71 248.23248 (18061301)
436975.35 3711339.81 245.50288 (18061301) 436943.30
3711324.90 236.51236 (19120806)
436911.25 3711310.00 214.19589 (20090502) 436879.21
3711295.10 206.96390 (18101320)
436847.16 3711280.19 205.96233 (18101320) 437469.30

3711355.26   176.83367 (20100624)
        437503.04   3711340.37   187.91945 (19040621)   437475.15
3711456.54   167.32417 (20012324)
        437439.85   3711461.22   150.29269 (21021002)   437404.54
3711465.90   150.47171 (20092222)
        437369.24   3711470.59   135.99623 (17102724)   437333.94
3711475.27   109.85424 (17022801)
        437298.63   3711479.96   109.68372 (20122620)   437263.33
3711484.64   116.84784 (20122620)
        437228.03   3711489.33   119.03944 (20122620)   437192.72
3711494.01   122.97967 (20122620)
        437157.42   3711498.70   155.23878 (17010717)   437122.12
3711503.38   171.93586 (17010717)
        437088.32   3711498.22   177.91498 (19092301)   437007.59
3711460.67   224.14892 (18061301)
        436975.30   3711445.66   221.52093 (18061301)   436943.00
3711430.64   184.05074 (19120806)
        436910.71   3711415.63   176.56697 (19120806)   436878.42
3711400.61   179.66206 (20120702)
        436846.13   3711385.59   179.97868 (18101320)   436813.84
3711370.58   180.88986 (19071305)
        436781.55   3711355.56   175.62427 (17100222)   437509.67
3711446.75   181.56708 (17093002)
        437543.41   3711431.86   173.79108 (17072004)   437515.41
3711548.04   158.16029 (20012324)
        437479.91   3711552.75   148.98196 (21021002)   437444.40
3711557.46   139.40035 (20092222)
        437408.90   3711562.17   141.90946 (20092222)   437373.39
3711566.88   121.50628 (17022801)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437337.89	3711571.60	98.05555	(17022801)	437302.38	3711576.31	112.39058	(19091403)
437266.88	3711581.02	133.91362	(19120802)	437231.38	3711585.73	138.89067	(19120802)
437160.37	3711595.15	167.79830	(17010717)	437124.86	3711599.86	200.77931	(20121401)
437008.16	3711566.82	188.90733	(19021501)	436975.69	3711551.72	167.31278	(18061301)
436943.21	3711536.62	160.53593	(18061301)	436910.73	3711521.51	166.22274	(19120806)
436878.26	3711506.41	163.97087	(20120702)	436845.78	3711491.31	162.61165	(20120702)
436813.31	3711476.21	163.24811	(18101320)	436780.83	3711461.10	165.50255	(19071305)
436748.35	3711446.00	160.59462	(17100222)	436715.88	3711430.90	167.29933	(20101803)
437550.04	3711538.24	169.40801	(17093002)	437583.78	3711523.35	160.67578	(17093002)
437555.70	3711639.54	155.04382	(20012324)	437520.04	3711644.27	135.57542	(21021002)
437484.38	3711649.00	130.15555	(20092405)	437448.71	3711653.74	133.10373	(20092222)
437413.05	3711658.47	119.05313	(17102724)	437377.39	3711663.20	101.72356	(17022801)
437341.72	3711667.93	87.38363	(17022801)	437306.06	3711672.67	109.57999	(19091403)
437270.39	3711677.40	124.52811	(19120802)	437234.73	3711682.13	138.48087	(19120802)
437109.91	3711698.70	190.50132	(21091105)	437009.00	3711673.09	163.39043	(19021501)
436976.38	3711657.92	145.31534	(19021501)	436943.76	3711642.75	139.25670	(18061301)
436911.14	3711627.58	137.35197	(19120806)	436878.52	3711612.41	146.24780	(19120806)
436845.90	3711597.24	149.07096	(20120702)	436813.27	3711582.07	147.16479	(20120702)
436780.65	3711566.90	147.02395	(19070105)	436748.03	3711551.73	153.21690	(19071305)
436715.41	3711536.56	147.16060	(17100222)	436682.79	3711521.39	151.78347	(20101803)
436650.17	3711506.22	151.42960	(20101803)	437590.40	3711629.73	157.25674	(17093002)

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        437624.14   3711614.84      135.15419  (21090401)                437596.01
3711731.04      155.95378  (18122022)
        437560.21   3711735.79      136.73192  (20012324)                437524.42
3711740.54      127.00319  (21021002)
        437488.63   3711745.29      127.76192  (20092222)                437452.84
3711750.04      123.75307  (19100804)
        437417.05   3711754.79      108.73838  (17022801)                437381.26
3711759.54       93.47630  (17022801)
        437345.47   3711764.28       79.38751  (20122620)                437309.68
3711769.03      104.02198  (19091403)
        437273.88   3711773.78      110.99875  (19120802)                437238.09
3711778.53      119.98524  (19120802)
        437094.93   3711797.53      179.08466  (20121401)                437010.03
3711779.44      167.35343  (19021501)
        436977.29   3711764.22      142.07486  (19021501)                436944.55
3711749.00      131.64266  (18061301)
        436911.81   3711733.77      124.25799  (21121219)                436879.08
3711718.55      130.78951  (19120806)
        436846.34   3711703.32      135.30485  (19120806)                436813.60
3711688.10      138.78958  (20120702)
        436780.86   3711672.88      133.50956  (20120702)                436748.12
3711657.65      135.97247  (19070105)
        436715.38   3711642.43      140.53511  (19071305)                436682.65
3711627.20      135.04301  (17100222)
        436649.91   3711611.98      138.15340  (20101803)                436617.17
3711596.76      140.04361  (20101803)
        436584.43   3711581.53      132.70378  (19082401)                437630.77
3711721.22      140.17225  (17093002)
        437664.51   3711706.33      126.99163  (17093002)                437636.32
3711822.54      144.03504  (18122022)
        437600.42   3711827.30      132.75935  (20012324)                437564.53
3711832.06      126.63704  (21021002)
        437528.63   3711836.83      124.47180  (20092405)                437492.73
3711841.59      122.24004  (20092222)
        437456.84   3711846.35      112.54611  (19102119)                437420.94
3711851.12      101.41092  (17022801)
        437385.04   3711855.88       94.61573  (17022801)                437349.15
3711860.64       88.72630  (19091403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        07:59:17

                                   PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
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                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437313.25   3711865.41       98.35311  (19120802)               437277.35
3711870.17      104.54925  (19120802)
        437241.46   3711874.93      128.66477  (19120802)               437061.98
3711898.75      158.29039  (20121401)
        437011.19   3711885.86      162.40999  (19021501)               436978.36
3711870.59      152.80716  (19021501)
        436945.52   3711855.33      136.42691  (18061301)               436912.69
3711840.06      118.77783  (18061301)
        436879.85   3711824.79      117.73419  (21121219)               436847.02
3711809.52      124.67542  (19120806)
        436814.18   3711794.25      124.92204  (20120702)               436781.35
3711778.98      127.66462  (20120702)
        436748.52   3711763.71      122.09081  (19070105)               436715.68
3711748.44      124.45402  (19071305)
        436682.85   3711733.17      128.73034  (19071305)               436650.01
3711717.91      124.35067  (17100222)
        436617.18   3711702.64      126.34073  (20092306)               436584.34
3711687.37      129.88813  (20101803)
        436551.51   3711672.10      124.95955  (19082401)               436518.67
3711656.83      125.39584  (20070405)
        437671.14   3711812.71      133.50345  (17093002)               437704.88
3711797.82      121.10944  (17093002)
        437676.64   3711914.03      120.46048  (20012324)               437640.66
3711918.81      121.41262  (20012324)
        437604.67   3711923.58      118.72873  (20012324)               437568.69
3711928.36      115.69042  (20092405)
        437532.70   3711933.13      115.19323  (20092222)               437496.72
3711937.91      115.80441  (19102119)
        437460.73   3711942.68      103.98330  (19092304)               437424.75
3711947.46       98.02903  (17022801)
        437388.77   3711952.23       90.15225  (17022801)               437352.78
3711957.01       92.75589  (19091403)
        437316.80   3711961.78      103.00471  (21020924)               437280.81
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3711966.56      128.17635  (19120802)
        437244.83   3711971.33      140.90875  (19110724)                437012.46
3711992.33      144.68247  (19021501)
        436979.54   3711977.02      139.44521  (19021501)                436946.63
3711961.72      123.83620  (19021501)
        436913.71   3711946.41      115.16066  (18061301)                436880.80
3711931.11      110.18879  (21121219)
        436847.88   3711915.80      111.38463  (19120806)                436814.97
3711900.49      116.41201  (19120806)
        436782.05   3711885.19      117.50786  (20120702)                436749.14
3711869.88      117.14934  (20120702)
        436716.22   3711854.57      113.87100  (19070105)                436683.31
3711839.27      116.15219  (18101320)
        436650.39   3711823.96      118.55089  (19071305)                436617.48
3711808.65      113.82917  (17100222)
        436584.56   3711793.35      115.93181  (17100222)                436551.65
3711778.04      119.55873  (20101803)
        436518.73   3711762.74      116.26661  (19082401)                436485.81
3711747.43      111.67655  (20070405)
        436452.90   3711732.12      117.86614  (20070405)                437711.51
3711904.20      128.82259  (17093002)
        437745.25   3711889.31      116.09626  (17093002)                437716.97
3712005.53      109.13864  (20012324)
        437680.91   3712010.31      111.29941  (20012324)                437644.85
3712015.10      109.77437  (20012324)
        437608.79   3712019.88      107.90491  (20092405)                437572.73
3712024.67      103.66952  (20092222)
        437536.67   3712029.45      107.20576  (20092222)                437500.61
3712034.24      111.02523  (19102119)
        437464.55   3712039.02       95.77017  (17022801)                437428.50
3712043.81       92.25573  (17022801)
        437392.44   3712048.59       86.32327  (19091403)                437356.38
3712053.38       85.08574  (21020924)
        437320.32   3712058.16      109.53314  (21020924)                437284.26
3712062.95      132.25311  (18120724)
        437248.20   3712067.73      139.85130  (18052306)                437031.84
3712096.44      125.30769  (19021501)
        436997.32   3712091.17      119.31638  (19021501)                436964.33
3712075.83      107.80489  (19021501)
        436931.35   3712060.49      102.04052  (18061301)                436898.36
3712045.15      102.24608  (18061301)
        436865.38   3712029.81      100.82419  (20091402)                436832.40
3712014.48      103.19613  (19052823)
        436799.41   3711999.14      108.43552  (19120806)                436766.43
3711983.80      108.43306  (20120702)
        436733.45   3711968.46      110.18191  (20120702)                436700.46
3711953.12      104.61643  (17102803)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436667.48	3711937.78	109.70351	(18101320)	436634.49	3711922.45	110.17254	(19071305)
436601.51	3711907.11	107.12907	(19071305)	436568.53	3711891.77	107.03767	(17100222)
436535.54	3711876.43	108.91007	(20101803)	436502.56	3711861.09	110.46454	(20101803)
436469.57	3711845.76	106.32336	(19082401)	436436.59	3711830.42	110.82058	(20070405)
436403.61	3711815.08	119.14987	(20070405)	436370.62	3711799.74	117.89935	(20051605)
437751.87	3711995.69	111.08873	(17093002)	437785.61	3711980.81	112.64390	(17093002)
437757.31	3712097.02	99.75542	(17093002)	437721.18	3712101.82	98.97133	(20012324)
437685.06	3712106.61	96.48465	(21021002)	437648.94	3712111.40	92.05169	(21021002)
437612.81	3712116.20	88.22497	(20092222)	437576.69	3712120.99	87.67249	(20092222)
437540.56	3712125.78	100.66414	(19102119)	437504.44	3712130.58	99.10890	(19102119)
437468.31	3712135.37	88.25585	(17022801)	437432.19	3712140.16	87.02649	(17022801)
437396.07	3712144.96	82.95991	(19091403)	437359.94	3712149.75	104.35988	(19011723)

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        437323.82   3712154.55      121.26012  (21020924)                437287.69
3712159.34      125.63976  (19110724)
        437251.57   3712164.13      127.29084  (18052306)                437034.82
3712192.89      120.86340  (19021501)
        436982.18   3712190.00      107.21765  (19021501)                436949.13
3712174.64       95.67522  (19021501)
        436916.09   3712159.27       95.90065  (18061301)                436883.05
3712143.91       95.26447  (18061301)
        436850.01   3712128.54       94.42829  (20091402)                436816.96
3712113.18       96.31602  (21121219)
        436783.92   3712097.81      101.11633  (19120806)                436750.88
3712082.45      100.13885  (20120702)
        436717.83   3712067.08      103.67569  (20120702)                436684.79
3712051.71       98.93558  (20120702)
        436651.75   3712036.35      104.85333  (18101320)                436618.71
3712020.98      108.17981  (18101320)
        436585.66   3712005.62      103.23734  (18101320)                436552.62
3711990.25       97.89054  (21060824)
        436519.58   3711974.89      103.40483  (17100222)                436486.53
3711959.52      113.49562  (20101803)
        436453.49   3711944.15      113.66810  (20101803)                436420.45
3711928.79      109.34902  (19082401)
        436387.41   3711913.42      120.35112  (20070405)                436354.36
3711898.06      124.44420  (20070405)
        436321.32   3711882.69      123.01360  (20051605)                437792.24
3712087.18      105.80818  (17093002)
        437825.98   3712072.30      105.82889  (17093002)                437797.65
3712188.52       97.62667  (17093002)
        437761.47   3712193.32       96.29701  (20012324)                437725.29
3712198.12       91.47953  (21021002)
        437689.11   3712202.92       89.86181  (21021002)                437652.93
3712207.72       88.36772  (20092405)
        437616.75   3712212.52       89.06527  (20092222)                437580.57
3712217.32       88.95340  (19102119)
        437544.38   3712222.12      101.99223  (19102119)                437508.20
3712226.92       96.25798  (19102119)
        437472.02   3712231.73       88.14975  (17022801)                437435.84
3712236.53       88.72815  (19011723)
        437399.66   3712241.33       80.41030  (19011723)                437363.48
3712246.13      104.59473  (21020924)
        437327.30   3712250.93      121.98586  (18120724)                437291.12
3712255.73      126.30732  (18052306)
        437254.94   3712260.53      125.95858  (18052306)                437037.86
3712289.34      113.13540  (21082303)
        437001.68   3712294.14      114.01793  (19021501)                436967.04
3712288.84      108.05146  (19021501)
        436933.95   3712273.46       96.50055  (19021501)                436900.85
3712258.07       91.82856  (18061301)
        436867.76   3712242.68       89.69763  (18061301)                436834.67
3712227.29       87.71668  (20091402)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	100.62862	(18101320)	436569.91	3712104.17	99.52493	(18101320)
436536.82	3712088.78	94.22579	(19071305)	436503.72	3712073.39	93.43927	(17100222)
436470.63	3712058.00	93.76518	(20092306)	436437.54	3712042.61	97.22651	(20101803)
436404.44	3712027.22	94.83108	(19082401)	436371.35	3712011.83	89.49328	(19082401)
436338.25	3711996.44	99.94577	(20070405)	436305.16	3711981.05	106.95812	(20070405)
436272.06	3711965.67	107.07395	(20051605)	436238.97	3711950.28	104.92238	(21111806)
437832.61	3712178.67	99.66270	(17093002)	437866.35	3712163.79	99.68500	(17093002)
437307.35	3710801.18	366.41976	(17072004)	437307.81			

3710761.16 370.68250 (17070719)
437305.08 3710736.35 379.90161 (17070719) 437302.36
3710711.54 389.85103 (17070719)
437299.63 3710686.74 399.19273 (17070719) 437296.90
3710661.93 405.78872 (17070719)
437294.17 3710637.12 417.96186 (21101617) 437355.99
3710800.79 292.46785 (17070719)
437332.06 3710855.22 336.61803 (19040621) 437357.51
3710755.69 291.18505 (17070719)
437354.78 3710730.88 294.34382 (18021904) 437352.06
3710706.08 301.99769 (18021904)
437349.33 3710681.27 310.28159 (21101617) 437346.60
3710656.46 322.60835 (21101617)
437343.87 3710631.66 338.10960 (21101617) 437405.16
3710797.86 249.84660 (19020918)
437400.37 3710820.68 240.92422 (18022222) 437395.58
3710843.51 236.58508 (17010218)
437373.45 3710881.92 269.41129 (17072004) 437356.09
3710897.50 298.29964 (19040621)
437338.74 3710913.08 325.23928 (19040621) 437409.94
3710775.03 249.46207 (18022222)
437407.21 3710750.22 247.37388 (20022318) 437404.48
3710725.42 249.31504 (20022318)
437401.76 3710700.61 257.37771 (18121117) 437399.03
3710675.80 263.90475 (18121117)
437396.30 3710651.00 274.35640 (17120317) 437393.57
3710626.19 282.74721 (21010117)
437454.54 3710793.91 223.36055 (20022318) 437449.43
3710818.26 226.57521 (18022222)
437444.33 3710842.61 220.97109 (18122117) 437439.22
3710866.96 219.44440 (19122917)
437415.61 3710907.92 205.93625 (18121718) 437397.10
3710924.55 251.34091 (17072004)
437378.59 3710941.17 281.60043 (19040621) 437360.08
3710957.79 276.78632 (20050801)
437459.64 3710769.57 219.08941 (20011417) 437456.91
3710744.76 220.04182 (20011417)
437454.18 3710719.95 221.53922 (18031318) 437451.46
3710695.15 226.48362 (20012117)
437448.73 3710670.34 233.60202 (20012117) 437446.00
3710645.53 238.64557 (20012117)
437443.27 3710620.73 238.64137 (20012117) 437504.78
3710785.84 206.10593 (20022318)
437495.67 3710829.32 201.14252 (18041821) 437486.55
3710872.79 201.31280 (18122117)
437460.91 3710931.11 195.60573 (17010919) 437427.86
3710960.79 218.82681 (17072004)
437394.81 3710990.47 269.23616 (19040621) 437506.61
3710739.29 211.76462 (18053119)
437503.88 3710714.49 216.82796 (20012117) 437501.16

3710689.68   220.77295 (20012117)
        437498.43   3710664.87   221.90420 (20012117)   437495.70
3710640.07   225.45140 (21010117)
        437492.97   3710615.26   229.21829 (17121917)   437554.26
3710781.46   204.71905 (17122019)
        437549.47   3710804.28   203.44861 (18121117)   437544.69
3710827.11   199.24918 (18022222)
        437539.90   3710849.94   195.25536 (18022222)   437535.11
3710872.76   189.54480 (18022222)
        437530.33   3710895.59   187.93588 (18122117)   437525.54
3710918.41   187.29584 (20021618)
        437503.41   3710956.82   189.83529 (19122917)   437486.05
3710972.40   189.38972 (18020618)
        437468.70   3710987.99   193.69782 (18021605)   437451.35
3711003.57   196.19391 (18021605)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        437550.86   3710684.21      213.76025  (21010117)              437548.13
3710659.41      216.11320  (21010117)
        437545.40   3710634.60      217.83825  (19012101)              437542.67
3710609.79      221.32910  (18020519)
        437603.78   3710776.84      195.52637  (18021903)              437598.82
3710800.51      195.72831  (17122019)
        437593.85   3710824.18      194.94714  (17122019)              437588.89
3710847.85      193.22232  (18022222)
        437583.93   3710871.52      190.65616  (18022222)              437578.97
3710895.19      184.38207  (18022222)
        437574.00   3710918.86      178.19046  (18122117)              437569.04
3710942.54      177.12181  (18122117)
        437546.08   3710982.37      179.06821  (19122917)              437528.09
3710998.53      179.64853  (19122917)
        437510.09   3711014.69      182.00475  (18021605)              437492.10
3711030.85      187.67287  (18021605)
        437474.10   3711047.01      187.95448  (21021319)              437456.11
3711063.17      226.75188  (17072004)
        437438.11   3711079.33      247.18333  (19040621)              437420.12
3711095.49      219.94588  (20050801)
        437608.74   3710753.17      194.88198  (19122417)              437606.01
3710728.36      195.89039  (19122417)
        437603.29   3710703.55      198.12094  (20020818)              437600.56
3710678.75      202.16767  (20020818)
        437597.83   3710653.94      203.10297  (20020818)              437595.10
3710629.13      205.58018  (18020519)
        437592.37   3710604.33      201.73871  (18122507)              437653.34
3710772.05      172.91744  (19021521)
        437648.23   3710796.40      163.18531  (19021521)              437643.13
3710820.74      164.26307  (18011920)
        437638.02   3710845.09      175.86131  (18011920)              437632.92
3710869.44      182.15424  (18021904)
        437627.82   3710893.79      180.99964  (18022222)              437622.71
3710918.13      175.04599  (18022222)
        437617.61   3710942.48      167.18435  (18122117)              437612.50
3710966.83      167.27758  (18122117)
        437588.89   3711007.80      167.53087  (19122917)              437570.38
3711024.42      169.04945  (19122917)
        437551.87   3711041.04      167.35916  (21123118)              437533.36
3711057.66      170.93807  (18021605)
        437514.85   3711074.28      174.14193  (18021605)              437496.34
3711090.91      177.47125  (21021319)
        437477.84   3711107.53      205.33130  (17072004)              437459.33
3711124.15      239.73516  (17072004)
        437440.82   3711140.77      210.95066  (20050801)              437658.44
3710747.70      175.01924  (19021521)
        437655.71   3710722.89      182.96936  (20020818)              437652.99
3710698.09      187.88512  (20020818)
        437650.26   3710673.28      188.55398  (20020818)              437647.53
3710648.47      186.55332  (18020519)
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        437644.80   3710623.67      183.31509  (18122506)               437642.07
3710598.86      176.61495  (18122507)
        437703.36   3710765.06      104.58789  (19021718)               437698.57
3710787.89      107.97743  (19021718)
        437693.79   3710810.71      107.97722  (19020503)               437689.00
3710833.54      115.37850  (19020503)
        437684.22   3710856.36      138.98358  (19022102)               437679.43
3710879.19      160.99764  (18021904)
        437674.64   3710902.01      170.72794  (18021904)               437669.86
3710924.84      169.54983  (18021904)
        437665.07   3710947.67      164.54304  (18022222)               437660.29
3710970.49      157.34479  (18122117)
        437655.50   3710993.32      157.48086  (18122117)               437633.36
3711031.73      156.18944  (19122917)
        437616.01   3711047.31      159.61892  (19122917)               437598.66
3711062.89      158.89959  (19122917)
        437581.31   3711078.47      158.21615  (21123118)               437563.96
3711094.06      160.85793  (17021106)
        437546.60   3711109.64      163.02789  (18021605)               437529.25
3711125.22      167.52474  (21021319)
        437511.90   3711140.81      182.05415  (17072004)               437494.55
3711156.39      215.60424  (17072004)
        437477.20   3711171.97      227.99220  (19040621)               437459.84
3711187.55      207.50929  (19040621)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 407
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437916.94	3710904.27	74.76801	(19020503)	437911.98	3710927.94	77.13138	(19020503)
437907.02	3710951.61	79.42005	(19020503)	437902.05	3710975.29	80.75939	(19020503)
437897.09	3710998.96	81.36285	(19020503)	437892.13	3711022.63	81.70802	(19022102)
437887.17	3711046.30	80.44814	(18021904)	437882.20	3711069.97	79.22776	(18021904)
437877.24	3711093.64	80.21987	(18021904)	437872.28	3711117.31	85.42989	(18021904)
437849.32	3711157.14	114.06706	(18122117)	437831.33	3711173.30	122.72382	(17021119)
437813.33	3711189.46	122.50183	(19122917)	437795.34	3711205.62	124.74157	(19122917)
437777.34	3711221.78	125.09785	(19122917)	437759.35	3711237.94	123.68426	(19122917)
437741.35	3711254.10	126.68025	(21123118)	437723.36	3711270.26	127.58442	(21123118)
437705.36	3711286.42	128.46663	(17021106)	437687.37	3711302.58	128.12789	(21122720)
437669.37	3711318.74	131.10808	(21021319)	437651.38	3711334.90	130.85045	(21021319)
437633.38	3711351.06	132.38715	(19012018)	437615.39	3711367.22	148.69853	(17072004)
437597.39	3711383.38	165.18265	(17072004)	437579.40	3711399.54	176.54027	(17072004)
437561.40	3711415.70	177.71000	(17072004)	437956.64	3710714.90	63.88412	(21101617)
437953.92	3710690.10	66.14177	(21101617)	437951.19	3710665.29	67.52502	(21101617)
437948.46	3710640.48	67.99012	(21101617)	437945.73	3710615.68	67.50919	(21101617)
437943.00	3710590.87	66.11246	(21101617)	437940.27	3710566.06	63.85975	(21101617)
438050.94	3710728.32	53.50589	(19021718)	438045.84	3710752.67	57.95879	(19021718)
438040.73	3710777.01	54.35374	(19021718)	438035.63	3710801.36	49.51852	(19021718)

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        438030.52   3710825.71       53.21285  (19021718)                438025.42
3710850.06       62.49428  (19021718)
        438020.31   3710874.40       67.10602  (19021718)                438015.21
3710898.75       70.46857  (19021718)
        438010.10   3710923.10       70.77213  (19021718)                438005.00
3710947.45       71.51454  (19020503)
        437999.90   3710971.79       73.62441  (19020503)                437994.79
3710996.14       73.00642  (19020503)
        437989.69   3711020.49       74.00974  (19020503)                437984.58
3711044.84       74.28104  (19020503)
        437979.48   3711069.18       72.92867  (19022102)                437974.37
3711093.53       71.43181  (18021904)
        437969.27   3711117.88       70.72481  (18021904)                437964.16
3711142.23       67.40377  (18021904)
        437959.06   3711166.57       64.57809  (18021904)                437935.45
3711207.54       70.19487  (17122018)
        437916.94   3711224.16       89.63579  (19120917)                437898.43
3711240.79      106.65036  (17021119)
        437879.92   3711257.41      114.93334  (19122917)                437861.41
3711274.03      116.09542  (19122917)
        437842.90   3711290.65      114.88200  (19122917)                437824.39
3711307.27      113.78828  (19022819)
        437805.88   3711323.89      115.37753  (21123118)                437787.37
3711340.52      116.97012  (17021106)
        437768.87   3711357.14      118.15203  (17021106)                437750.36
3711373.76      116.85337  (18012907)
        437731.85   3711390.38      119.44614  (21021319)                437713.34
3711407.00      120.20389  (21021319)
        437694.83   3711423.62      119.93978  (19012018)                437676.32
3711440.25      122.08590  (17072004)
        437657.81   3711456.87      133.84673  (17072004)                437639.30
3711473.49      144.24184  (17072004)
        437620.79   3711490.11      150.23920  (17072004)                437602.29
3711506.73      156.49409  (17072004)
        438056.04   3710703.97       54.61081  (21101617)                438053.32
3710679.16       55.77549  (21101617)
        438050.59   3710654.36       56.25518  (21101617)                438047.86
3710629.55       56.02470  (21101617)
        438045.13   3710604.74       55.08954  (21101617)                438042.40
3710579.94       53.48233  (21101617)
        438039.67   3710555.13       51.26147  (21101617)                438150.45
3710716.86      102.96460  (18020519)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 409
 *** 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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438145.46	3710740.67	91.24923	(20020818)	438140.46	3710764.49	70.79115	(20020818)
438135.47	3710788.31	52.82738	(19021718)	438130.48	3710812.13	51.89419	(19021718)
438125.48	3710835.95	63.99589	(19021718)	438120.49	3710859.77	68.28890	(19021718)
438115.50	3710883.58	69.37773	(19021718)	438110.50	3710907.40	68.52677	(19021718)
438105.51	3710931.22	68.67466	(19021718)	438100.52	3710955.04	67.57848	(19021718)
438095.52	3710978.86	65.37702	(17022218)	438090.53	3711002.67	67.44186	(19022102)
438085.54	3711026.49	69.20165	(19022102)	438080.54	3711050.31	68.21706	(19022102)
438075.55	3711074.13	67.38363	(19022102)	438070.55	3711097.95	67.47216	(19022102)
438065.56	3711121.77	67.89272	(18021904)	438060.57	3711145.58	65.79666	(18021904)
438055.57	3711169.40	63.63727	(18021904)	438050.58	3711193.22	62.67228	(18021904)
438045.59	3711217.04	61.86178	(18021904)	438022.49	3711257.12	60.65856	(17122018)
438004.38	3711273.38	62.71751	(17122018)	437986.27	3711289.64	69.40333	(19120917)
437968.17	3711305.90	78.98780	(19120917)	437950.06	3711322.16	94.33710	(18011921)
437931.95	3711338.42	106.78225	(19122917)	437913.85	3711354.68	107.94869	(19122917)
437895.74	3711370.94	105.80558	(19022819)	437877.64			

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3711387.20      106.53453  (21123118)
        437859.53   3711403.46      108.31733  (21123118)              437841.42
3711419.72      109.53824  (17021106)
        437823.32   3711435.98      109.48492  (17021106)              437805.21
3711452.24      109.03852  (18012907)
        437787.10   3711468.50      110.56267  (18012907)              437769.00
3711484.76      111.40712  (21021319)
        437750.89   3711501.02      111.33194  (19012018)              437732.78
3711517.28      114.24126  (17072004)
        437714.68   3711533.54      125.60358  (17072004)              437696.57
3711549.80      134.13906  (17072004)
        437678.46   3711566.06      138.36576  (17072004)              437660.36
3711582.32      138.98830  (17072004)
        437642.25   3711598.58      136.24864  (17072004)              438155.45
3710693.04      113.83599  (18020519)
        438152.72   3710668.23      116.85860  (18122506)              438149.99
3710643.42      117.71232  (18122506)
        438147.26   3710618.62      115.62779  (18122507)              438144.53
3710593.81      106.47319  (18122507)
        438141.80   3710569.00       95.34679  (18122507)              438139.08
3710544.20       86.57502  (18122507)
        438249.74   3710706.45       95.63751  (20042419)              438244.64
3710730.80      103.73486  (17121917)
        438239.53   3710755.15      108.26748  (17121917)              438234.43
3710779.50      107.46507  (20020818)
        438229.32   3710803.84      107.32105  (20020818)              438224.22
3710828.19       96.25270  (20020818)
        438219.11   3710852.54       72.41523  (19021718)              438214.01
3710876.89       50.49834  (19021718)
        438208.91   3710901.23       62.68932  (19021718)              438203.80
3710925.58       67.85295  (19021718)
        438198.70   3710949.93       69.56031  (19021718)              438193.59
3710974.28       69.58296  (19021521)
        438188.49   3710998.62       69.17576  (19021521)              438183.38
3711022.97       69.07151  (17022218)
        438178.28   3711047.32       68.40768  (19022102)              438173.17
3711071.67       68.12010  (19022102)
        438168.07   3711096.01       67.78035  (19022102)              438162.96
3711120.36       67.96341  (19022102)
        438157.86   3711144.71       70.32170  (19022102)              438152.76
3711169.06       72.06024  (18021904)
        438147.65   3711193.40       72.15051  (18021904)              438142.55
3711217.75       68.98639  (18021904)
        438137.44   3711242.10       65.07012  (18021904)              438132.34
3711266.45       61.37230  (18021904)
        438108.72   3711307.41       57.45892  (17122018)              438090.22
3711324.04       61.66084  (17122018)
        438071.71   3711340.66       69.52172  (19120917)              438053.20
3711357.28       75.82177  (19120917)
        438034.69   3711373.90       83.66043  (19120917)              438016.18
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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):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
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      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        438249.39   3710632.49       89.28554  (17012318)               438246.66
3710607.69       93.35648  (21090924)
        438243.93   3710582.88       96.04996  (21090924)               438241.20
3710558.07       95.43934  (21021818)
        438238.48   3710533.27       97.31276  (21021818)               438349.23
3710695.09       81.69042  (19080520)
        438344.22   3710719.00       80.97724  (20042419)               438339.21
3710742.91       82.72138  (17121917)
        438334.19   3710766.82       86.69114  (17121917)               438329.18
3710790.74       94.11135  (17010518)
        438324.17   3710814.65       99.45730  (17010518)               438319.15
3710838.56      103.01846  (21010117)
        438314.14   3710862.47      100.45895  (18021902)               438309.13
3710886.39       96.92477  (18021902)
        438304.11   3710910.30       88.85323  (18021902)               438299.10
3710934.21       75.54274  (19021521)
        438294.09   3710958.13       56.72189  (19021718)               438289.07
3710982.04       55.49073  (19021718)
        438284.06   3711005.95       62.80137  (19021521)               438279.05
3711029.86       67.37495  (19021521)
        438274.03   3711053.78       66.33603  (19021521)               438269.02
3711077.69       68.39264  (18011920)
        438264.01   3711101.60       70.28553  (18011920)               438258.99
3711125.51       71.08484  (19022102)
        438253.98   3711149.43       68.77065  (19022102)               438248.97
3711173.34       67.19530  (19022102)
        438243.95   3711197.25       70.62320  (18021904)               438238.94
3711221.17       73.03682  (18021904)
        438233.93   3711245.08       70.61322  (18021904)               438228.91
3711268.99       61.86862  (18021904)
        438223.90   3711292.90       55.78157  (18021904)               438218.89
3711316.82       56.32800  (18021904)
        438195.69   3711357.05       58.88570  (17122018)               438177.52
3711373.38       68.17306  (19021420)
        438159.34   3711389.70       81.36714  (18122117)               438141.16
3711406.03       86.87599  (17021119)
        438122.98   3711422.35       87.58869  (17021119)               438104.80
3711438.68       88.45395  (19122917)
        438086.62   3711455.00       91.54734  (19122917)               438068.45
3711471.33       93.41989  (19122917)
        438050.27   3711487.65       93.23394  (19122917)               438032.09
3711503.98       91.71688  (17010218)
        438013.91   3711520.30       92.74000  (21123118)               437995.73
3711536.63       94.54187  (21123118)
        437977.55   3711552.95       94.74702  (21123118)               437959.38
3711569.28       96.08595  (18021605)
        437941.20   3711585.60       96.17855  (18021605)               437923.02
3711601.93       95.59653  (21122720)
        437904.84   3711618.25       97.20831  (21021319)               437886.66
3711634.58       97.41518  (21021319)
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        438351.52   3710646.37   88.81600 (17012318)   438348.79
3710621.56   93.04053 (17012318)
        438346.06   3710596.75   96.52666 (21090924)   438343.33
3710571.95   99.08147 (18122503)
        438340.61   3710547.14   100.46157 (18122503)   438337.88
3710522.33   99.05440 (19121517)
        438448.54   3710684.59   90.73658 (19021618)   438443.44
3710708.94   85.57155 (21092420)
        438438.33   3710733.28   81.60807 (20042419)   438433.23
3710757.63   78.62779 (17121917)
        438428.12   3710781.98   76.42940 (17121917)   438423.02

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3710806.33       76.67729  (17010518)
        438417.92   3710830.67       80.30422  (17010518)                438412.81
3710855.02       85.42839  (17010518)
        438407.71   3710879.37       93.78685  (21010117)                438402.60
3710903.72       96.18973  (21010117)
        438397.50   3710928.06       94.19946  (17022318)                438392.39
3710952.41       95.43187  (17022318)
        438387.29   3710976.76       93.00637  (17022318)                438382.18
3711001.11       83.16448  (19021521)
        438377.08   3711025.45       51.32350  (19021718)                438371.97
3711049.80       54.35412  (19021521)
        438366.87   3711074.15       60.16755  (19021521)                438361.77
3711098.50       59.14941  (18011920)
        438356.66   3711122.84       59.45121  (18011920)                438351.56
3711147.19       66.43151  (18011920)
        438346.45   3711171.54       69.08793  (18011920)                438341.35
3711195.89       66.39760  (19022102)
        438336.24   3711220.23       63.01177  (19022102)                438331.14
3711244.58       62.76993  (18021904)
        438326.03   3711268.93       63.65524  (18021904)                438320.93
3711293.28       64.14268  (18021904)
        438315.83   3711317.62       64.65050  (18021904)                438310.72
3711341.97       63.90598  (18021904)
        438305.62   3711366.32       59.48255  (18021904)                438282.00
3711407.29       58.95585  (19021419)
        438263.49   3711423.91       70.51427  (18122117)                438244.98
3711440.53       79.10813  (18122117)
        438226.48   3711457.15       80.70303  (17021119)                438207.97
3711473.77       81.34266  (17021119)
        438189.46   3711490.40       81.37118  (17021119)                438170.95
3711507.02       83.86325  (19122917)
        438152.44   3711523.64       86.23493  (19122917)                438133.93
3711540.26       86.56435  (19122917)
        438115.42   3711556.88       86.09019  (17010218)                438096.91
3711573.50       85.70918  (17010218)
        438078.41   3711590.13       86.85255  (21123118)                438059.90
3711606.75       88.56662  (21123118)
        438041.39   3711623.37       88.69469  (18021605)                438022.88
3711639.99       90.27728  (18021605)
        438004.37   3711656.61       90.31953  (18021605)                437985.86
3711673.23       89.62261  (21122720)
        437967.35   3711689.86       90.82888  (21021319)                437948.84
3711706.48       91.39621  (21021319)
        437930.33   3711723.10       90.36911  (21021319)                437911.83
3711739.72       90.47880  (19012018)
        437893.32   3711756.34       91.62220  (19012018)                437874.81
3711772.96       99.87803  (17072004)
        437856.30   3711789.58      108.28755  (17072004)                437837.79
3711806.21      114.45421  (17072004)
        437819.28   3711822.83      118.07167  (17072004)                437800.77
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3711839.45   118.53263 (17072004)
        437782.26   3711856.07   115.79887 (17072004)   437763.75
3711872.69   110.37006 (17072004)
        438453.65   3710660.24   93.43388 (19021618)   438450.92
3710635.43   94.36223 (17021619)
        438448.19   3710610.63   95.66397 (17021619)   438445.46
3710585.82   95.65177 (18122503)
        438442.73   3710561.01   92.74951 (18122503)   438440.01
3710536.21   89.45254 (19121517)
        438437.28   3710511.40   87.81845 (18122504)   438548.02
3710673.29   87.39844 (19021618)
        438542.99   3710697.27   86.58367 (19021618)   438537.97
3710721.24   84.62864 (21092420)
        438532.94   3710745.22   81.03982 (20042419)   438527.91
3710769.20   76.71049 (17121917)
        438522.88   3710793.18   73.03057 (17121917)   438517.86
3710817.16   71.05506 (17010518)
        438512.83   3710841.14   71.23792 (17010518)   438507.80
3710865.12   71.32903 (17010518)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        438492.72   3710937.05       76.68372  (21062106)               438487.69
3710961.03       85.61132  (20012117)
        438482.67   3710985.01       91.78433  (20012117)               438477.64
3711008.99       88.16501  (19122417)
        438472.61   3711032.97       78.38588  (19021521)               438467.59
3711056.94       68.51124  (19021521)
        438462.56   3711080.92       52.46545  (19021521)               438457.53
3711104.90       54.20058  (19021521)
        438452.50   3711128.88       61.49838  (19021521)               438447.48
3711152.86       63.82626  (18011920)
        438442.45   3711176.84       66.35923  (18011920)               438437.42
3711200.82       68.71025  (18011920)
        438432.40   3711224.79       69.41900  (18011920)               438427.37
3711248.77       67.62010  (19020522)
        438422.34   3711272.75       62.48606  (18021904)               438417.31
3711296.73       57.60374  (18021904)
        438412.29   3711320.71       53.51431  (18021904)               438407.26
3711344.69       52.92837  (18021904)
        438402.23   3711368.67       55.39986  (18021904)               438397.21
3711392.64       57.17474  (18021904)
        438392.18   3711416.62       56.09815  (18021904)               438368.92
3711456.97       51.50942  (18122502)
        438350.69   3711473.34       52.24031  (19021419)               438332.47
3711489.71       55.24559  (19021420)
        438314.24   3711506.08       62.06406  (19021420)               438296.01
3711522.45       71.10444  (17021119)
        438277.78   3711538.82       74.13730  (17021119)               438259.55
3711555.19       73.99443  (17021119)
        438241.32   3711571.56       75.17473  (19122917)               438223.09
3711587.93       77.46949  (19122917)
        438204.87   3711604.30       79.44501  (19122917)               438186.64
3711620.67       80.42741  (17010218)
        438168.41   3711637.04       80.63026  (17010218)               438150.18
3711653.41       80.88357  (21123118)
        438131.95   3711669.78       83.05866  (21123118)               438113.72
3711686.15       83.86318  (21123118)
        438095.50   3711702.52       84.31328  (17021106)               438077.27
3711718.89       84.82477  (18021605)
        438059.04   3711735.26       83.93051  (18021605)               438040.81
3711751.63       84.11509  (18012907)
        438022.58   3711768.00       85.31081  (18012907)               438004.35
3711784.37       85.23009  (21021319)
        437986.13   3711800.74       84.53413  (20031318)               437967.90
3711817.11       84.06899  (20031318)
        437949.67   3711833.48       85.73809  (19012018)               437931.44
3711849.85       86.12369  (19012018)
        437913.21   3711866.22       93.42046  (17072004)               437894.98
3711882.59      101.66574  (17072004)
        437876.75   3711898.96      107.77858  (17072004)               437858.53
3711915.33      111.23956  (17072004)
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        437840.30   3711931.70      111.82030  (17072004)                437822.07
3711948.07      109.09998  (17072004)
        437803.84   3711964.44      104.23802  (20112420)                438553.05
3710649.31       84.84529  (17012318)
        438550.32   3710624.50       81.21827  (17012318)                438547.59
3710599.69       75.81048  (21090924)
        438544.86   3710574.89       71.48429  (18122503)                438542.13
3710550.08       69.52333  (19121517)
        438539.41   3710525.27       68.96997  (21021818)                438536.68
3710500.47       69.45146  (18122504)
        438647.34   3710662.72       71.92049  (17012318)                438642.24
3710687.07       76.52233  (19021618)
        438637.13   3710711.42       79.06456  (17080121)                438632.03
3710735.77       80.90671  (21092420)
        438626.93   3710760.11       81.74093  (17121917)                438621.82
3710784.46       80.20384  (17121917)
        438616.72   3710808.81       73.82222  (17121917)                438611.61
3710833.16       68.58275  (17010518)
        438606.51   3710857.50       66.77437  (17010518)                438601.40
3710881.85       66.04659  (17010518)
        438596.30   3710906.20       68.94819  (21010117)                438591.19
3710930.55       75.36932  (18020521)
        438586.09   3710954.89       82.34355  (20123124)                438580.99
3710979.24       84.11819  (17022318)
        438575.88   3711003.59       82.18368  (17022318)                438570.78
3711027.94       78.42939  (17022318)
        438565.67   3711052.28       76.46207  (19122417)                438560.57
3711076.63       71.82422  (19021521)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	66.78071	(19021521)	438550.36	3711125.33	61.42935	(19021521)
438545.25	3711149.67	54.73308	(19021521)	438540.15	3711174.02	49.04206	(17022218)
438535.04	3711198.37	45.91978	(19022102)	438529.94	3711222.72	53.30459	(18011920)
438524.84	3711247.06	63.16360	(18011920)	438519.73	3711271.41	65.54879	(19020522)
438514.63	3711295.76	65.57973	(19020522)	438509.52	3711320.11	66.58616	(18021904)
438504.42	3711344.45	67.04221	(18021904)	438499.31	3711368.80	64.73457	(18021904)
438494.21	3711393.15	62.17501	(18021904)	438489.10	3711417.50	61.41763	(18021904)
438484.00	3711441.84	59.74682	(18021904)	438478.89	3711466.19	56.90638	(18021904)
438455.28	3711507.16	50.85789	(18122502)	438436.77	3711523.78	50.83059	(19021419)
438418.26	3711540.40	50.85350	(19022101)	438399.75	3711557.02	52.36294	(19021420)
438381.25	3711573.65	59.31828	(17021119)	438362.74	3711590.27	68.91294	(17021119)
438344.23	3711606.89	73.51716	(17021119)	438325.72	3711623.51	74.65297	(19122917)
438307.21	3711640.13	76.17951	(19122917)	438288.70	3711656.75	76.98661	(19122917)
438270.19	3711673.38	76.73117	(19122917)	438251.68	3711690.00	76.00134	(17010218)
438233.17	3711706.62	75.66075	(17010218)	438214.67	3711723.24	75.97393	(21123118)
438196.16	3711739.86	77.97993	(21123118)	438177.65	3711756.48	78.95801	(21123118)
438159.14	3711773.11	79.47758	(18021605)	438140.63	3711789.73	80.11551	(17021106)
438122.12	3711806.35	79.26810	(18021605)	438103.61	3711822.97	79.07215	(18012907)
438085.10	3711839.59	80.48375	(18012907)	438066.60	3711856.21	80.64664	(18012907)
438048.09	3711872.84	80.01937	(21021319)	438029.58	3711889.46	79.71682	(20031318)
438011.07	3711906.08	80.59620	(19012018)	437992.56	3711922.70	81.49194	(19012018)
437974.05	3711939.32	84.10400	(17072004)	437955.54			

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3711955.94       92.93620  (17072004)
        437937.03   3711972.57      100.34182  (17072004)                437918.52
3711989.19      105.09267  (17072004)
        437900.02   3712005.81      107.31278  (17072004)                437881.51
3712022.43      106.67679  (17072004)
        437863.00   3712039.05      103.61603  (17072004)                437844.49
3712055.67      100.38542  (20112420)
        438652.45   3710638.38       69.01158  (17012318)                438649.72
3710613.57       67.38434  (21090924)
        438646.99   3710588.76       66.56642  (18122503)                438644.26
3710563.96       65.93662  (18122503)
        438641.54   3710539.15       65.23487  (19121517)                438638.81
3710514.34       65.57345  (18122504)
        438636.08   3710489.54       66.59644  (19121418)                438746.81
3710651.47       63.11318  (17012318)
        438741.77   3710675.50       64.44570  (19021618)                438736.74
3710699.52       66.65580  (19080520)
        438731.70   3710723.55       68.21399  (19080520)                438726.66
3710747.58       71.23657  (21092420)
        438721.62   3710771.61       75.62730  (17121917)                438716.59
3710795.63       77.13270  (17121917)
        438711.55   3710819.66       74.19577  (17121917)                438706.51
3710843.69       69.24133  (17010518)
        438701.48   3710867.71       66.63590  (17010518)                438696.44
3710891.74       65.18822  (17010518)
        438691.40   3710915.77       66.32342  (17072621)                438686.36
3710939.80       71.22778  (18020521)
        438681.33   3710963.82       75.76729  (20123124)                438676.29
3710987.85       78.86243  (20123124)
        438671.25   3711011.88       79.93221  (20012117)                438666.21
3711035.90       80.95634  (20012117)
        438661.18   3711059.93       82.63811  (20012117)                438656.14
3711083.96       81.63561  (20012117)
        438651.10   3711107.99       79.09652  (19122417)                438646.06
3711132.01       74.77233  (18021903)
        438641.03   3711156.04       71.05698  (18021903)                438635.99
3711180.07       64.61776  (18021903)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
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, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438630.95   3711204.09       58.38458  (18021903)               438625.92
3711228.12       56.75874  (18011920)
        438620.88   3711252.15       56.90916  (18011920)               438615.84
3711276.18       54.63269  (18011920)
        438610.80   3711300.20       45.54267  (19022102)               438605.77
3711324.23       41.40843  (19022102)
        438600.73   3711348.26       49.26889  (19022102)               438595.69
3711372.28       55.91609  (18021904)
        438590.65   3711396.31       59.65932  (18021904)               438585.62
3711420.34       60.35637  (18021904)
        438580.58   3711444.37       58.34447  (18021904)               438575.54
3711468.39       54.80105  (18021904)
        438570.50   3711492.42       50.84220  (18021904)               438565.47
3711516.45       45.94878  (18021904)
        438542.16   3711556.88       42.32405  (18021904)               438523.90
3711573.28       43.53468  (19021419)
        438505.63   3711589.68       47.45869  (19021419)               438487.37
3711606.09       53.03816  (19021420)
        438469.10   3711622.49       61.16210  (18122117)               438450.84
3711638.89       68.39516  (17021119)
        438432.57   3711655.29       69.94227  (17021119)               438414.31
3711671.70       70.75248  (17021119)
        438396.04   3711688.10       71.63580  (19122917)               438377.78
3711704.50       74.15118  (19122917)
        438359.51   3711720.91       75.26996  (19122917)               438341.25
3711737.31       75.07142  (19122917)
        438322.98   3711753.71       73.79254  (19122917)               438304.71
3711770.12       73.49408  (19022819)
        438286.45   3711786.52       72.93311  (20040220)               438268.18
3711802.92       73.86149  (21123118)
        438249.92   3711819.32       74.89716  (21123118)               438231.65
3711835.73       75.13639  (20011318)
        438213.39   3711852.13       75.96362  (17021106)               438195.12
3711868.53       75.79743  (17021106)
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        438176.86   3711884.94       74.76080  (18021605)               438158.59
3711901.34       75.27633  (18012907)
        438140.33   3711917.74       76.35700  (18012907)               438122.06
3711934.14       76.46251  (21021319)
        438103.80   3711950.55       75.85431  (21021319)               438085.53
3711966.95       75.50461  (20031318)
        438067.27   3711983.35       76.02777  (19012018)               438049.00
3711999.76       77.22150  (19012018)
        438030.73   3712016.16       79.76061  (17072004)               438012.47
3712032.56       87.61854  (17072004)
        437994.20   3712048.97       92.99420  (17072004)               437975.94
3712065.37       96.52596  (17072004)
        437957.67   3712081.77       97.24274  (17072004)               437939.41
3712098.17       95.93935  (17072004)
        437921.14   3712114.58       95.41903  (17072004)               437902.88
3712130.98       95.59910  (17072004)
        437884.61   3712147.38       95.02682  (20112420)               438751.85
3710627.44       62.01785  (17021619)
        438749.12   3710602.64       61.81862  (18122503)               438746.39
3710577.83       62.19677  (18122503)
        438743.66   3710553.02       61.41661  (18122503)               438740.94
3710528.22       60.82974  (19121517)
        438738.21   3710503.41       61.19250  (18122504)               438735.48
3710478.60       61.52922  (19121418)
        437306.53   3710616.73      402.34122  (21101617)               437313.98
3710595.52      408.58213  (21101617)
        437321.42   3710574.31      415.97637  (21101617)               437361.16
3710612.07      331.61298  (21101617)
        437368.60   3710590.86      333.59304  (21101617)               437415.78
3710607.42      262.09545  (21010117)
        437433.19   3710708.81      229.44091  (18031318)               437480.37
3710725.37      217.04165  (20012117)
        437582.17   3710737.27      202.21023  (19122417)               437676.53
3710770.38      142.88521  (19021718)
        437683.97   3710749.17      144.65454  (19021718)               437716.27
3710808.14      101.36791  (19021718)
        437723.71   3710786.93      100.58939  (19021718)               438595.27
3711021.29       82.70930  (17022318)
        438674.75   3711096.83       81.61656  (20012117)               438682.19
3711075.62       81.10185  (20012117)
        437329.33   3710551.33      409.64173  (21101617)               437337.14
3710528.63      384.84506  (21101617)
        437344.96   3710505.93      348.37757  (21101617)               437352.77
3710483.23      316.37268  (18012018)
        437376.61   3710567.60      328.44624  (21101617)               437384.42
3710544.90      315.06235  (21101617)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	292.61363	(21101617)	437400.05	3710499.51	266.62533	(18122507)
437423.89	3710583.87	265.25580	(19012101)	437431.70	3710561.17	268.43907	(18122506)
437439.51	3710538.48	266.36063	(18122507)	437447.32	3710515.78	244.44424	(18122507)
437471.16	3710600.14	238.69709	(17121917)	437478.98	3710577.45	245.92948	(18122506)
437486.79	3710554.75	237.32813	(18122507)	437494.60	3710532.05	199.42524	(21101617)
437518.44	3710616.42	225.26299	(19012101)	437526.25	3710593.72	226.68995	(18020519)
437534.07	3710571.02	225.04730	(18122507)	437541.88	3710548.33	173.66139	(21101617)
437589.16	3710564.60	153.31716	(21101617)	437620.81	3710626.27	196.30048	(18020519)
437723.18	3710636.11	111.26048	(21101617)	437770.46	3710652.39	98.93650	(21101617)
437778.27	3710629.69	97.62912	(21101617)	437872.82	3710662.24	78.95108	(21101617)
438345.60	3710824.97	96.59722	(17010518)	438432.34	3710880.21	89.90474	(21010117)
438440.16	3710857.51	82.77635	(17010518)	438511.27	3710958.15	83.19797	(20012117)
438519.09	3710935.45	74.75983	(21062106)	438526.90			

3710912.76 71.34907 (18020521)
438534.71 3710890.06 69.75028 (21010117) 438605.83
3710990.70 82.43204 (17022318)
438613.64 3710968.00 83.12077 (20123124) 438621.46
3710945.30 79.14421 (20123124)
438629.27 3710922.61 72.05356 (18020521) 438692.57
3711045.94 76.83567 (20012117)
438700.39 3711023.24 75.45804 (20012117) 438708.20
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438716.01 3710977.85 73.46477 (20123124) 438723.82
3710955.15 69.40456 (18020521)
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3710413.15 312.18464 (19012103)
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3710421.87 258.57284 (19012103)
437450.09 3710451.88 168.52553 (21101617) 437445.80
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3710475.25 160.79773 (21101617)
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437545.39 3710467.18 129.43646 (21101617) 437543.64
3710507.75 155.42766 (21101617)
437542.82 3710385.49 113.21132 (21021017) 437595.61
3710415.50 93.93391 (21021017)
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3710500.70 128.78050 (21101617)
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3710401.95 80.29245 (21021017)
437642.46 3710441.71 87.64067 (18121016) 437640.74
3710481.47 102.47804 (21101617)
437639.02 3710521.23 119.51848 (21101617) 437637.29
3710560.99 132.22214 (21101617)
437639.83 3710361.23 81.86697 (21021017) 437692.65
3710390.60 69.29745 (21021017)
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3710473.22 86.34359 (21101617)
437687.29 3710514.53 101.95564 (21101617) 437685.50
3710555.84 114.29030 (21101617)
437688.34 3710349.11 70.86752 (21021017) 437741.13
3710379.12 60.36930 (21021017)
437739.29 3710421.72 66.76185 (18121016) 437737.44
3710464.32 73.31046 (21101617)
437735.60 3710506.92 87.42590 (21101617) 437733.76
3710549.52 99.18069 (21101617)
437736.84 3710336.98 61.93995 (21021017) 437789.68
3710365.98 53.06445 (21021017)
437787.93 3710406.55 58.15478 (18121016) 437786.17
3710447.12 63.57712 (18121016)
437784.41 3710487.69 72.18642 (21101617) 437782.66

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437882.97   3710427.94   50.87244 (18121016)   437881.12
3710470.54   54.33474 (21101617)
        437879.28   3710513.14   63.61355 (21101617)   437877.43
3710555.74   71.48186 (21101617)
        437875.59   3710598.34   76.90303 (21101617)   437882.37
3710300.60   43.18208 (21021017)
        437983.68   3710318.11   37.16781 (21122408)   437981.87
3710359.96   36.85620 (18121016)
        437980.06   3710401.82   40.95761 (18121016)   437978.25
3710443.67   43.48958 (18121016)
        437976.44   3710485.52   47.31417 (21101617)   437974.63
3710527.37   54.32659 (21101617)
        437972.81   3710569.23   60.10544 (21101617)   437971.00
3710611.08   63.94104 (21101617)
        437979.38   3710276.35   91.83115 (17012019)   438080.71
3710293.59   117.87878 (19040519)

438078.92 3710334.89 109.29386 (18012018) 438077.13 3710376.20 63.12308 (21122603)
438075.35 3710417.51 35.88687 (18121016) 438073.56 3710458.82 36.86521 (18121016)
438071.77 3710500.13 41.85178 (21101617) 438069.98 3710541.44 47.06379 (21101617)
438068.19 3710582.75 51.23643 (21101617) 438076.39 3710252.09 118.30718 (17020718)
438177.70 3710269.98 106.57137 (18042222) 438175.85 3710312.58 103.91689 (21072606)
438174.01 3710355.18 106.67936 (19070606) 438172.16 3710397.78 114.12552 (18021618)
438170.32 3710440.38 107.02589 (19022103) 438168.48 3710482.98 103.15615 (19022103)
438166.63 3710525.58 101.32520 (18122507) 438164.79 3710568.18 106.42473 (18122507)
438173.41 3710227.84 112.06718 (18122505) 438274.72 3710245.46 99.98299 (18012018)
438272.90 3710287.54 101.73024 (21121419) 438271.08 3710329.61 105.53138 (19012024)
438269.26 3710371.68 104.60582 (18021618) 438267.44 3710413.76 98.78172 (20122117)
438265.62 3710455.83 94.29923 (20062006) 438263.79 3710497.90 90.90823 (19121418)
438261.97 3710539.98 90.70051 (21021818) 438270.42 3710203.58 100.75658 (18122505)
438371.75 3710221.00 94.25974 (18012018) 438369.94 3710262.65 96.61239 (21121419)
438368.14 3710304.30 98.21781 (19012024) 438366.34 3710345.96 98.49178 (18021618)
438364.53 3710387.61 97.76008 (20122117) 438362.73 3710429.26 96.47653 (20122117)
438360.93 3710470.92 98.32230 (18120117) 438359.12 3710512.57 96.78554 (18122503)
438367.44 3710179.33 95.71542 (18122505) 438468.74 3710197.22 88.98667 (19040519)
438466.89 3710239.82 90.63263 (21121419) 438465.05 3710282.42 91.84149 (19012024)
438463.21 3710325.02 90.96546 (18021618) 438461.36 3710367.62 85.18796 (20122117)
438459.52 3710410.22 81.17021 (20062006) 438457.67 3710452.82 77.30203 (18031507)
438455.83 3710495.42 79.87243 (19121418) 438464.45 3710155.08 86.14501 (17020718)
438565.76 3710172.76 77.86798 (18041601) 438563.94 3710214.95 84.56278 (21121420)
438562.11 3710257.15 84.32102 (19012024) 438560.28 3710299.34 82.69347 (19070606)
438558.46 3710341.54 84.17820 (20122117) 438556.63 3710383.73 84.00172 (20122117)

438554.80 3710425.92 78.87412 (18031507) 438552.98
3710468.12 71.80544 (19121418)
438536.54 3710847.87 69.00312 (17010518) 438561.47
3710130.82 72.39205 (21081321)
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3710190.19 72.85034 (21072606)
438659.16 3710232.04 78.49990 (19070606) 438657.35
3710273.89 77.85622 (19070606)
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3710357.60 71.85962 (20062006)
438651.91 3710399.45 72.96280 (20062006) 438650.10
3710441.30 70.38417 (18031507)
438631.99 3710859.83 66.75082 (17010518) 438658.48
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BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

PAGE 417
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3710422.65 63.27708 (18031507)
438728.43 3710848.65 67.88913 (17010518) 438726.59
3710891.25 63.49026 (17010518)
438755.49 3710082.32 63.37022 (21081321) 437346.05
3710385.82 277.59049 (20041418)
437396.03 3710387.04 264.72532 (19012103) 437446.52
3710367.92 165.90098 (19021722)
437496.50 3710369.14 129.70160 (21021017) 437995.36
3710422.03 41.24500 (18121016)
437996.35 3710381.35 38.20606 (18121016) 438094.83
3710444.81 35.46008 (18121016)
438095.82 3710404.13 58.10657 (19012102) 438194.80
3710447.25 111.14342 (20122117)
438195.80 3710406.57 108.29922 (20122117) 438294.77
3710449.69 101.06841 (18031507)
438295.77 3710409.01 104.45628 (20122117) 438394.74
3710452.13 95.84352 (18031507)
438395.74 3710411.45 96.27716 (20122117) 438494.71
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3710457.01 72.70536 (18031507)
438595.68 3710416.33 78.18678 (18031507) 438694.65
3710459.46 64.45255 (18052002)
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3710461.90 58.69678 (19121418)
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3710350.28 315.71991 (20041418)
437325.75 3710319.20 341.95065 (20041418) 437302.93
3710287.45 332.58478 (20090918)
437382.46 3710321.10 247.78847 (20041418) 437391.84
3710351.50 258.29892 (17012020)
437366.35 3710290.02 271.43509 (20041418) 437343.53
3710258.27 261.51620 (20041418)
437424.00 3710294.96 199.03779 (20041418) 437435.26
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3710229.09 217.78872 (20041418)
437464.33 3710264.91 165.27646 (20041418) 437475.05
3710299.66 140.00555 (20041418)
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3710231.67 184.74583 (20041418)
437424.74 3710199.91 184.28077 (20041418) 437504.78
3710235.25 138.68735 (20041418)
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3710302.81 97.25441 (21021017)
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3710202.49 156.32626 (20041418)
437465.34 3710170.73 157.24783 (20041418) 437545.80
3710207.42 116.91392 (20041418)
437557.06 3710243.90 98.47158 (20041418) 437568.32

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3710280.38       83.17475  (21012518)
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        437505.94   3710141.55      136.10339  (20041418)                437586.25
3710177.74      100.36665  (20041418)
        437597.20   3710213.20       85.30336  (20041418)                437608.14
3710248.67       74.09073  (21012518)
        437619.09   3710284.14       75.99506  (21012518)                437630.04
3710319.60       80.13137  (21021017)
        437569.37   3710144.13      113.95466  (20041418)                437546.55
3710112.37      117.93778  (20041418)
        437626.74   3710148.20       86.95633  (20041418)                437637.46
3710182.94       74.42978  (20041418)
        437648.19   3710217.68       66.56343  (21012518)                437658.91
3710252.42       68.65033  (21012518)
        437669.63   3710287.17       68.75584  (21012518)                437680.36
3710321.91       70.91224  (21021017)
        437609.97   3710114.95       98.37735  (20041418)                437587.15
3710083.19      103.80472  (20041418)
        437667.61   3710119.88       75.53345  (20041418)                437678.87
3710156.36       64.16610  (20041418)
        437690.13   3710192.84       60.65124  (21012518)                437701.39
3710229.32       62.64947  (21012518)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 418
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        438066.81   3709966.71       99.52413  (21120217)               438078.07
3710003.19      105.28815  (21120217)
        438089.33   3710039.67      104.42297  (19012103)               438100.59
3710076.15      107.49162  (19011217)
        438111.85   3710112.63      116.38833  (21020718)               438123.11
3710149.11      112.43991  (20090920)
        438134.37   3710185.59      114.03700  (18022419)               438145.63
3710222.07      112.94837  (17020718)
        438156.88   3710258.55      107.88652  (18042222)               438015.99
3709823.15       33.70143  (20041418)
        437993.17   3709791.40       38.14153  (20041418)               438114.29
3709799.09       43.15515  (21020218)
        438125.67   3709835.94       50.81600  (17012020)               438137.04
3709872.79       60.18883  (17012020)
        438148.41   3709909.64       68.00198  (17012020)               438159.79
3709946.49       78.64359  (17012020)
        438171.16   3709983.34       85.57908  (19012103)               438182.53
3710020.19       88.82699  (19012103)
        438193.91   3710057.03       90.02949  (19012103)               438205.28
3710093.88       91.23582  (21020718)
        438216.65   3710130.73       95.11240  (18122505)               438228.02
3710167.58      101.15075  (18122505)
        438239.40   3710204.43      102.96910  (18122505)               438250.77
3710241.28      102.20055  (18012018)
        438284.89   3710351.82      104.55418  (19012024)               438097.20
3709764.79       38.46822  (21121817)
        438074.38   3709733.04       32.42453  (20041418)               438195.55
3709740.89       55.41651  (21120317)
        438207.01   3709778.04       65.64831  (20021022)               438218.48
3709815.20       74.12350  (21120217)
        438229.95   3709852.36       77.46318  (17012020)               438241.42
3709889.51       80.93252  (17012020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 419
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	89.28597	(21120217)	438264.35	3709963.82	93.19778	(21120119)
438275.82	3710000.98	93.97931	(19011217)	438287.29	3710038.13	93.15812	(21020718)
438298.76	3710075.29	94.96104	(20090920)	438310.22	3710112.44	95.32279	(18122505)
438321.69	3710149.60	97.51424	(18122505)	438333.16	3710186.76	96.91711	(18122505)
438344.63	3710223.91	95.71570	(18012018)	438390.50	3710372.53	97.13463	(20122117)
438178.40	3709706.43	38.77066	(21121817)	438155.58	3709674.68	36.30989	(21121817)
438276.65	3709682.19	61.60347	(21120417)	438287.91	3709718.67	83.64193	(21120517)
438299.17	3709755.15	88.55118	(19121419)	438310.43	3709791.63	90.47885	(20021021)
438321.68	3709828.11	90.85056	(21021119)	438332.94	3709864.59	91.32935	(21092707)
438344.20	3709901.07	90.09733	(21092707)	438355.46	3709937.55	84.58909	(20092119)
438366.72	3709974.03	86.51482	(19071519)	438377.98	3710010.51	88.75372	(19071519)
438389.24	3710046.99	86.00780	(19071519)	438400.50	3710083.47	84.23941	(18030418)
438411.76	3710119.95	90.04353	(17020718)	438423.02	3710156.43	91.63508	(17020718)
438434.28	3710192.91	90.56480	(19040519)	438445.54	3710229.39	91.04135	(21121419)
438484.94	3710357.07	87.38995	(20122117)	438259.61	3709648.07	44.02525	(21121817)
438236.79	3709616.32	42.53230	(21121817)	438357.90	3709623.97	58.97386	(21120417)
438369.24	3709660.74	56.30221	(20021022)	438380.59	3709697.50	62.83359	(18120123)
438391.94	3709734.26	73.28938	(18120201)	438403.28	3709771.03	80.65544	(21120217)
438414.63	3709807.79	86.05564	(17030619)	438425.97	3709844.55	86.14688	(21092707)
438437.32	3709881.31	81.37408	(21092707)	438448.67			

3709918.08   75.21456 (19071519)
        438460.01   3709954.84   76.64203 (19071519)   438471.36
3709991.60   76.39073 (19071519)
        438482.71   3710028.37   74.92143 (18061306)   438494.05
3710065.13   75.34049 (19012106)
        438505.40   3710101.89   75.84762 (17020718)   438516.75
3710138.65   77.13940 (21081321)
        438528.09   3710175.42   82.06937 (18042222)   438539.44
3710212.18   85.71953 (21121420)
        438573.48   3710322.47   81.27894 (20051819)   438584.83
3710359.23   80.78373 (20122117)
        438340.81   3709589.72   58.98701 (21120417)   438317.99
3709557.96   54.64643 (21120417)
        438439.14   3709565.74   75.66448 (21120517)   438450.56
3709602.75   76.61565 (21120517)
        438461.98   3709639.76   76.51594 (18120123)   438473.41
3709676.76   72.07978 (19022023)
        438484.83   3709713.77   70.57553 (21120217)   438496.25
3709750.78   73.70107 (21120217)
        438507.67   3709787.79   74.79325 (21120119)   438519.10
3709824.80   80.35213 (21120119)
        438530.52   3709861.81   83.71518 (21120119)   438541.94
3709898.82   83.82194 (21020718)
        438553.36   3709935.83   83.31428 (21020718)   438564.79
3709972.83   81.94178 (20090920)
        438576.21   3710009.84   82.93657 (18022419)   438587.63
3710046.85   78.85256 (17020718)
        438599.05   3710083.86   72.43564 (17020718)   438610.47
3710120.87   68.79196 (21081321)
        438621.90   3710157.88   70.34048 (20060219)   438633.32
3710194.89   76.68744 (21072606)
        438679.01   3710342.92   69.64318 (20062006)   438690.43
3710379.93   69.07375 (20062006)
        438422.02   3709531.36   73.03259 (17011318)   438399.20
3709499.60   74.78752 (17011318)
        438520.38   3709507.49   73.25833 (21021218)   438531.87
3709544.71   73.17578 (21120818)
        438543.35   3709581.94   75.49387 (19121419)   438554.84
3709619.16   75.71798 (20021021)
        438566.33   3709656.39   76.33495 (20021021)   438577.82
3709693.61   76.00732 (17030619)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438589.31   3709730.83   78.40695 (21120119)   438600.80
3709768.06   81.15907 (21120119)
        438612.29   3709805.28   79.23783 (21120119)   438623.78
3709842.51   74.26078 (21040919)
        438635.27   3709879.73   76.29911 (21020718)   438646.76
3709916.96   77.42095 (20090920)
        438658.24   3709954.18   77.28869 (18032719)   438669.73
3709991.41   77.90363 (18022419)
        438681.22   3710028.63   77.33758 (17020718)   438692.71
3710065.86   74.95674 (17020718)
        438704.20   3710103.08   69.17016 (21081321)   438715.69
3710140.30   64.76557 (20060219)
        438727.18   3710177.53   64.65860 (21072606)   438773.13
3710326.43   68.11161 (20062006)
        438784.62   3710363.65   64.91659 (20062006)   438503.22
3709473.00   74.38002 (17021823)
        438480.40   3709441.24   74.08978 (21090721)   437273.32
3710263.86   360.40174 (20090918)
        437239.83   3710241.54   332.97078 (20090918)   437317.80
3710233.42   277.82495 (20090918)
        437284.31   3710211.10   282.25072 (20090918)   437250.82
3710188.77   246.86667 (20090918)
        437358.40   3710204.24   218.89503 (20090918)   437328.79
3710180.66   233.82483 (20090918)
        437295.30   3710158.33   222.66444 (20090918)   437386.13
3710162.64   184.30642 (20090918)
        437356.52   3710139.05   195.97153 (20090918)   437323.03
3710116.73   189.13865 (20090918)
        437413.87   3710121.04   157.34795 (20090918)   437439.60
3710145.88   150.90799 (20041418)

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        437384.25   3710097.45      167.40959  (20090918)              437350.76
3710075.13      163.51563  (20090918)
        437441.60   3710079.43      135.62086  (20090918)              437467.34
3710104.28      127.94525  (20041418)
        437411.99   3710055.85      144.94352  (20090918)              437378.50
3710033.52      143.25903  (20090918)
        437469.33   3710037.83      118.66871  (20090918)              437495.07
3710062.68      111.18286  (19101917)
        437520.81   3710087.53      117.42461  (20041418)              437439.72
3710014.24      127.08108  (20090918)
        437406.23   3709991.92      126.77694  (20090918)              437497.07
3709996.23      105.12947  (20090918)
        437522.81   3710021.07       98.19203  (19101917)              437548.54
3710045.92      103.31312  (20041418)
        437467.45   3709972.64      112.60852  (20090918)              437433.96
3709950.31      113.08281  (20090918)
        437526.41   3709956.18       93.31295  (20090918)              437555.36
3709984.13       88.05080  (19101917)
        437584.32   3710012.08       92.90263  (20041418)              437495.19
3709931.04      100.53261  (20090918)
        437461.70   3709908.71      101.55304  (20090918)              437553.96
3709914.40       84.07304  (20090918)
        437582.56   3709942.01       78.94771  (19101917)              437611.16
3709969.62       82.83216  (20041418)
        437639.76   3709997.23       85.03349  (20041418)              437522.92
3709889.43       90.41303  (20090918)
        437489.43   3709867.11       91.68429  (20090918)              437609.17
3709830.94       69.39691  (20090918)
        437637.25   3709858.05       64.45406  (19101917)              437665.33
3709885.16       66.58821  (20041418)
        437693.40   3709912.26       69.96725  (20041418)              437721.48
3709939.37       69.85504  (20041418)
        437578.39   3709806.23       74.51109  (20090918)              437544.90
3709783.90       75.96193  (20090918)
        437664.46   3709747.56       58.32218  (20090918)              437692.18
3709774.32       53.49067  (19101917)
        437719.89   3709801.08       55.69263  (19101917)              437747.61
3709827.84       58.09919  (20041418)
        437775.33   3709854.60       59.39480  (20041418)              437803.05
3709881.36       57.88170  (20041418)
        437633.86   3709723.02       62.51156  (20090918)              437600.37
3709700.69       63.98549  (20090918)
        437719.79   3709664.23       49.73727  (20090918)              437747.25
3709690.73       45.00860  (19101917)
        437774.70   3709717.24       47.23193  (19101917)              437802.15
3709743.74       48.34149  (20041418)
        437829.61   3709770.24       50.64876  (20041418)              437857.06
3709796.75       50.76332  (20041418)
        437884.52   3709823.25       48.72769  (20041418)              437689.32
3709639.81       53.21076  (20090918)
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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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437655.83	3709617.49	54.62694	(20090918)	437776.01	3709581.74	42.81555	(20090918)
437804.97	3709609.70	38.51860	(19101917)	437833.92	3709637.65	40.66040	(19101917)
437862.88	3709665.61	41.61045	(20041418)	437891.83	3709693.56	43.86323	(20041418)
437920.79	3709721.51	44.22721	(20041418)	437949.74	3709749.47	43.08292	(20041418)
437744.79	3709556.61	45.83842	(20090918)	437711.30	3709534.28	47.16306	(20090918)
437831.30	3709498.36	37.28701	(20090918)	437859.90	3709525.97	33.69397	(20090918)
437888.50	3709553.58	35.10223	(19101917)	437917.09	3709581.19	36.30231	(19101917)
437945.69	3709608.80	37.78371	(20041418)	437974.29	3709636.41	38.99027	(20041418)
438002.88	3709664.02	39.01498	(20041418)	438031.48	3709691.63	37.40522	(20041418)
437800.26	3709473.40	39.82518	(20090918)	437766.77	3709451.07	41.02777	(20090918)
437886.62	3709415.02	32.74889	(20090918)	437914.94			

3709442.35 29.82038 (20090918)
438943.25 3709469.69 30.69732 (19101917) 437971.56
3709497.02 31.91293 (19101917)
437999.87 3709524.35 32.62014 (20041418) 438028.18
3709551.68 34.56729 (20041418)
438056.49 3709579.02 34.97488 (20041418) 438084.80
3709606.35 34.32956 (20041418)
438113.12 3709633.68 34.41511 (21022318) 437855.72
3709390.19 34.86518 (20090918)
437822.23 3709367.87 35.93469 (20090918) 437941.97
3709331.70 29.10478 (20090918)
437970.05 3709358.81 26.58793 (20090918) 437998.13
3709385.91 26.86391 (19101917)
438026.21 3709413.02 28.14925 (19101917) 438054.28
3709440.13 28.94114 (19101917)
438082.36 3709467.23 30.34921 (20041418) 438110.44
3709494.34 31.12675 (20041418)
438138.52 3709521.45 31.16859 (20041418) 438166.59
3709548.55 33.27492 (21022318)
438194.67 3709575.66 37.83395 (20121917) 437911.19
3709306.98 30.98413 (20090918)
437877.70 3709284.66 32.02267 (20090918) 437997.34
3709248.40 25.96779 (20090918)
438025.23 3709275.32 23.81024 (20090918) 438053.11
3709302.24 23.65291 (19101917)
438080.99 3709329.15 25.11265 (19101917) 438108.87
3709356.07 26.00573 (19101917)
438136.76 3709382.99 26.58917 (20041418) 438164.64
3709409.91 27.62636 (20041418)
438192.52 3709436.83 28.10762 (20041418) 438220.40
3709463.75 30.01163 (21022318)
438248.29 3709490.67 35.81201 (21120418) 438276.17
3709517.58 41.17643 (20121917)
437966.66 3709223.78 27.61573 (20090918) 437933.17
3709201.45 28.56141 (20090918)
438053.28 3709165.65 23.28143 (20090918) 438082.11
3709193.48 21.32829 (20090918)
438110.94 3709221.31 21.14356 (19101917) 438139.76
3709249.14 22.71065 (19101917)
438168.59 3709276.97 23.33668 (19101917) 438197.41
3709304.80 23.51968 (20041418)
438226.24 3709332.63 24.66562 (20041418) 438255.07
3709360.46 25.32420 (20041418)
438283.89 3709388.28 29.60099 (21022318) 438312.72
3709416.11 37.64996 (21120418)
438341.55 3709443.94 59.88862 (17020218) 438370.37
3709471.77 74.55293 (20012618)
438022.13 3709140.57 24.75809 (20090918) 437988.64
3709118.25 25.62522 (20090918)
438108.64 3709082.33 21.00149 (20090918) 438137.23

3709109.94   19.31749 (20090918)
        438165.83   3709137.55   18.86547 (19101917)   438194.43
3709165.16   20.12850 (19101917)
        438223.03   3709192.77   20.68958 (19101917)   438251.62
3709220.37   20.80225 (19101917)
        438280.22   3709247.98   21.79175 (20041418)   438308.82
3709275.59   22.64695 (20041418)
        438337.42   3709303.20   26.63657 (21022318)   438366.01
3709330.81   59.06083 (18122217)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438394.61   3709358.42   74.49974 (17020218)   438423.21
3709386.03   76.73977 (17020218)
        438451.80   3709413.64   75.12605 (17012518)   438077.59
3709057.36   22.29191 (20090918)
        438044.10   3709035.04   23.11080 (20090918)   437216.54
3710215.91   268.66738 (20090918)
        437560.19   3710008.56   92.83819 (20041418)   437925.03
3709745.14   44.63435 (20041418)
        438006.11   3709686.60   39.09430 (20041418)   437280.77
3710233.20   312.06709 (20090918)
        437322.73   3710276.31   293.66720 (20041418)   437378.59
3710253.95   239.69538 (20041418)

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        437430.98   3710247.96      199.19980  (20041418)              437616.20
3710338.58       85.71731  (21021017)
        437665.11   3710348.96       75.61491  (21021017)              437762.93
3710369.71       57.08772  (21021017)
        437860.76   3710390.47       48.70396  (18121016)              437867.70
3710357.73       44.26103  (21122408)
        437958.58   3710411.22       43.19694  (18121016)              437965.53
3710378.48       39.75431  (18121016)
        438056.40   3710431.98       37.53339  (18121016)              437265.29
3710160.30      217.40447  (20090918)
        437512.30   3710332.18      112.01949  (21021017)              437555.45
3710357.43      105.11146  (21021017)
        437567.36   3710337.09       97.72318  (21021017)              437617.94
3710448.63       94.83722  (18121016)
        437704.25   3710499.15       92.28078  (21101617)              437716.15
3710478.80       82.45595  (21101617)
        437814.36   3710508.97       72.61128  (21101617)              437826.27
3710488.63       65.72375  (21101617)
        437888.76   3710579.83       72.91629  (21101617)              437900.67
3710559.49       68.50533  (21101617)
        437912.58   3710539.14       63.76386  (21101617)              437998.88
3710589.66       59.01719  (21101617)
        438073.28   3710660.51       54.05266  (21101617)              438085.18
3710640.17       52.67741  (21101617)
        437259.86   3710108.07      170.72155  (20090918)              437229.34
3710080.35      163.43177  (20090918)
        437209.69   3710067.85      159.18204  (18120916)              437190.05
3710055.35      167.84930  (17022717)
        437170.40   3710042.85      174.36792  (17022717)              437150.75
3710030.35      171.16692  (17022717)
        437286.71   3710065.89      149.93331  (20090918)              437308.46
3710096.32      172.79756  (20090918)
        437256.18   3710038.17      132.08228  (20090918)              437236.54
3710025.67      125.66698  (18120916)
        437216.89   3710013.17      120.84998  (18120916)              437197.24
3710000.67      130.07331  (17022717)
        437177.60   3709988.16      134.64152  (17022717)              437315.72
3710026.75      134.24438  (20090918)
        437358.13   3710166.40      207.26252  (20090918)              437283.03
3709995.99      113.31055  (20090918)
        437263.38   3709983.49      104.99953  (18120916)              437243.73
3709970.98      100.88686  (18120916)
        437224.09   3709958.48       96.98698  (17022717)              437204.44
3709945.98      105.35059  (17022717)
        437341.95   3709983.70      119.06360  (20090918)              437407.20
3710151.47      164.62588  (20090918)
        437400.97   3710193.77      186.37603  (20041418)              437309.87
3709953.81       99.90640  (20090918)
        437290.22   3709941.30       90.07467  (18120916)              437270.58
3709928.80       86.77084  (18120916)
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        437250.93   3709916.30       81.09699  (18120916)               437231.29
3709903.80       81.81821  (17022717)
        437368.45   3709941.03      106.56238  (20090918)               437440.96
3710042.47      131.57178  (20090918)
        437336.71   3709911.62       89.37974  (20090918)               437317.07
3709899.12       79.45651  (20090918)
        437297.42   3709886.62       75.92761  (18120916)               437277.77
3709874.12       71.61806  (18120916)
        437258.13   3709861.61       65.51644  (18120916)               437396.26
3709900.20       96.73351  (20090918)
        437474.58   3710009.75      114.70017  (20090918)               437507.20
3710108.94      125.71987  (20041418)
        437497.39   3710175.55      148.40543  (20041418)               437363.56
3709869.44       80.83086  (20090918)
        437343.91   3709856.94       71.81001  (20090918)               437324.26
3709844.44       67.14781  (18120916)
        437304.62   3709831.93       63.91329  (18120916)               437284.97
3709819.43       59.27341  (18120916)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 423
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437422.74   3709857.51       87.57405  (20090918)               437498.88
3709964.02      102.78974  (20090918)
        437559.16   3710074.36      108.44677  (20041418)               437533.74
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3710247.07 112.95075 (20041418)
437390.40 3709827.26 73.68570 (20090918) 437370.75
3709814.75 65.59809 (20090918)
437351.11 3709802.25 59.78394 (18120916) 437331.46
3709789.75 57.41782 (18120916)
437311.82 3709777.25 53.88547 (18120916) 437450.28
3709816.30 80.13344 (20090918)
437463.67 3709835.03 85.44166 (20090918) 437530.61
3709928.66 91.23185 (20090918)
437594.17 3710154.89 100.78338 (20041418) 437580.77
3710245.99 83.79833 (20041418)
437436.89 3709797.58 73.98062 (20090918) 437417.24
3709785.07 67.59195 (20090918)
437397.60 3709772.57 60.39356 (20090918) 437377.95
3709760.07 53.48959 (18120916)
437358.31 3709747.57 51.81035 (18120916) 437338.66
3709735.07 49.14231 (18120916)
437476.79 3709773.65 73.18167 (20090918) 437502.89
3709810.17 81.28035 (20090918)
437529.00 3709846.68 84.95363 (20090918) 437555.11
3709883.20 83.06042 (20090918)
437656.26 3710051.47 84.99902 (20041418) 437444.09
3709742.89 62.29227 (20090918)
437424.44 3709730.39 55.91427 (20090918) 437404.80
3709717.89 49.02471 (20090918)
437385.15 3709705.38 46.89679 (18120916) 437365.50
3709692.88 44.91066 (18120916)
437503.38 3709731.11 67.15132 (20090918) 437528.97
3709766.91 74.12857 (20090918)
437580.16 3709838.51 75.83448 (20090918) 437605.75
3709874.31 69.60205 (20090918)
437631.35 3709910.11 71.58676 (19101917) 437656.94
3709945.91 76.66045 (20041418)
437682.54 3709981.71 77.62006 (20041418) 437692.11
3710126.37 65.62247 (20041418)
437679.29 3710213.44 63.44103 (21012518) 437470.93
3709700.71 57.61916 (20090918)
437451.29 3709688.21 51.97746 (20090918) 437431.64
3709675.70 45.86714 (20090918)
437411.99 3709663.20 42.55801 (18120916) 437392.35
3709650.70 41.14731 (18120916)
437557.32 3709647.10 57.40219 (20090918) 437583.43
3709683.62 62.77202 (20090918)
437635.64 3709756.65 63.36884 (20090918) 437661.74
3709793.17 58.05740 (20090918)
437687.85 3709829.69 59.64789 (19101917) 437713.96
3709866.20 63.40557 (20041418)
437740.06 3709902.72 65.60097 (20041418) 437766.17
3709939.24 63.44113 (20041418)
437792.28 3709975.75 57.19600 (20041418) 437788.99

3710105.04   47.31150 (21012518)
        437782.45   3710149.45   50.85087 (21012518)   437775.92
3710193.86   53.75172 (21012518)
        437524.62   3709616.34   49.84524 (20090918)   437504.97
3709603.84   45.33200 (20090918)
        437485.33   3709591.34   40.46225 (20090918)   437465.68
3709578.84   35.41075 (20090918)
        437446.04   3709566.33   34.58276 (18120916)   437611.20
3709563.00   49.64183 (20090918)
        437624.44   3709581.52   52.01871 (20090918)   437637.68
3709600.05   53.80594 (20090918)
        437690.65   3709674.14   53.82874 (20090918)   437703.89
3709692.66   51.97167 (20090918)
        437717.13   3709711.18   49.43780 (20090918)   437730.38
3709729.71   48.81302 (19101917)
        437743.62   3709748.23   50.47501 (19101917)   437756.86
3709766.75   51.36280 (19101917)
        437770.10   3709785.28   52.84087 (20041418)   437783.35
3709803.80   54.58544 (20041418)
        437796.59   3709822.32   55.61791 (20041418)   437809.83
3709840.84   55.98493 (20041418)
        437823.07   3709859.37   55.42927 (20041418)   437836.32
3709877.89   53.93149 (20041418)
        437862.80   3709914.94   48.68674 (20041418)   437876.04
3709933.46   45.18535 (20041418)
        437889.29   3709951.98   41.38775 (20041418)   437899.21
3709993.03   50.39464 (19021722)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.64	3710105.67	42.76385	(21012518)	437879.32	3710128.20	43.43536	(21012518)
437876.00	3710150.72	44.57462	(21012518)	437872.69	3710173.25	46.09315	(21012518)
437869.37	3710195.78	47.30137	(21012518)	437856.11	3710285.89	45.73811	(21021017)
437852.80	3710308.41	46.24967	(21021017)	437849.48	3710330.94	46.33142	(21021017)
437842.85	3710375.99	47.96776	(18121016)	437839.53	3710398.52	51.69811	(18121016)
437836.22	3710421.05	54.89301	(18121016)	437832.90	3710443.58	57.41690	(18121016)
437829.59	3710466.10	59.53506	(21101617)	437597.95	3709544.48	46.76770	(20090918)
437578.31	3709531.97	43.66844	(20090918)	437558.66	3709519.47	40.08026	(20090918)
437539.01	3709506.97	36.14715	(20090918)	437519.37	3709494.47	32.01851	(20090918)
437499.72	3709481.97	29.25663	(18120916)	437665.03	3709478.84	43.33552	(20090918)
437678.42	3709497.56	45.22096	(20090918)	437691.80	3709516.29	46.61134	(20090918)
437745.36	3709591.20	46.33356	(20090918)	437758.74	3709609.92	44.76315	(20090918)
437772.13	3709628.65	42.65109	(20090918)	437785.52	3709647.38	41.50624	(19101917)
437798.91	3709666.10	43.08773	(19101917)	437812.30	3709684.83	44.04791	(19101917)
437825.68	3709703.56	44.56415	(19101917)	437839.07	3709722.28	46.61053	(20041418)
437852.46	3709741.01	47.99263	(20041418)	437865.85	3709759.74	48.63847	(20041418)
437879.24	3709778.46	48.60560	(20041418)	437892.62	3709797.19	47.88673	(20041418)
437906.01	3709815.92	46.58502	(20041418)	437959.56	3709890.82	38.92211	(19021722)
437986.34	3709928.27	57.23143	(17012020)	437996.37	3709969.78	62.66327	(18021907)
437979.62	3710083.65	71.30148	(18021907)	437976.26	3710106.42	76.89280	(19012103)
437972.91	3710129.20	84.46151	(19012105)	437969.56	3710151.97	88.80445	(19012105)
437966.21	3710174.75	90.78376	(19012105)	437962.86	3710197.52	90.55499	(19021721)

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        437952.80   3710265.85       82.41325  (19021721)                437949.45
3710288.62       39.21293  (21122408)
        437946.10   3710311.40       39.19304  (21122408)                437942.74
3710334.17       39.22579  (21122408)
        437939.39   3710356.94       39.16686  (21122408)                437936.04
3710379.72       41.74417  (18121016)
        437932.69   3710402.49       44.37903  (18121016)                437929.34
3710425.27       46.53007  (18121016)
        437925.98   3710448.04       48.09094  (18121016)                437922.63
3710470.82       49.89275  (21101617)
        437919.28   3710493.59       54.77323  (21101617)                437915.93
3710516.37       59.44394  (21101617)
        437651.64   3709460.11       41.02624  (20090918)                437631.99
3709447.61       38.55610  (20090918)
        437612.35   3709435.11       35.67495  (20090918)                437592.70
3709422.60       32.48901  (20090918)
        437573.06   3709410.10       29.11797  (20090918)                437553.41
3709397.60       25.67029  (20090918)
        437718.83   3709394.63       37.97525  (20090918)                437732.33
3709413.52       39.49186  (20090918)
        437745.84   3709432.41       40.60188  (20090918)                437799.85
3709507.96       40.30301  (20090918)
        437813.35   3709526.85       38.97840  (20090918)                437826.86
3709545.74       37.20338  (20090918)
        437840.36   3709564.62       35.48749  (19101917)                437853.86
3709583.51       36.94529  (19101917)
        437867.37   3709602.40       38.09148  (19101917)                437880.87
3709621.29       38.87763  (19101917)
        437894.37   3709640.18       39.86008  (20041418)                437907.88
3709659.06       41.31840  (20041418)
        437921.38   3709677.95       42.25641  (20041418)                437934.88
3709696.84       42.66222  (20041418)
        437948.39   3709715.73       42.66905  (20041418)                437975.40
3709753.50       41.03824  (20041418)
        438056.42   3709866.83       45.45677  (19021722)                438069.92
3709885.72       53.32995  (17012020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
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L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438083.42	3709904.61	69.53581	(17012020)	438093.54	3709946.47	94.29544	(21120217)
438090.16	3709969.44	100.77164	(21120217)	438076.64	3710061.32	107.35437	(19012103)
438073.26	3710084.29	111.97835	(21120119)	438069.88	3710107.26	116.44148	(19011217)
438066.50	3710130.24	120.43155	(21020718)	438063.12	3710153.21	121.14047	(21020718)
438059.74	3710176.18	120.14658	(20090920)	438042.83	3710291.03	124.57592	(18122505)
438039.45	3710314.00	118.35185	(18012018)	438036.07	3710336.97	91.27162	(19021720)
438032.69	3710359.95	34.25552	(18121016)	438029.31	3710382.92	36.43657	(18121016)
438025.93	3710405.89	38.27458	(18121016)	438022.55	3710428.86	39.68222	(18121016)
438019.17	3710451.83	40.59257	(18121016)	438015.78	3710474.80	42.21908	(21101617)
438012.40	3710497.77	46.08260	(21101617)	438009.02	3710520.74	49.80858	(21101617)
438005.64	3710543.71	53.28707	(21101617)	438002.26	3710566.68	56.39766	(21101617)
437705.33	3709375.74	36.11522	(20090918)	437685.68	3709363.24	34.15399	(20090918)
437666.04	3709350.74	31.89882	(20090918)	437646.39	3709338.24	29.33617	(20090918)
437626.74	3709325.74	26.56305	(20090918)	437607.10	3709313.23	23.69008	(20090918)
437772.20	3709309.82	33.59387	(20090918)	437785.39	3709328.26	34.78754	(20090918)
437798.57	3709346.71	35.65579	(20090918)	437851.31	3709420.48	35.44275	(20090918)
437864.50	3709438.92	34.43623	(20090918)	437877.68	3709457.36	33.08958	(20090918)
437890.87	3709475.81	31.42355	(20090918)	437904.05			

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3709494.25       31.50361  (19101917)
        437917.24   3709512.69       32.82045  (19101917)                437930.42
3709531.14       33.83830  (19101917)
        437943.61   3709549.58       34.43371  (19101917)                437956.79
3709568.02       35.08242  (20041418)
        437969.98   3709586.46       36.34035  (20041418)                437983.16
3709604.91       37.37669  (20041418)
        437996.35   3709623.35       38.08357  (20041418)                438009.53
3709641.79       38.26513  (20041418)
        438154.57   3709844.66       55.85846  (17012020)                438167.75
3709863.11       59.44703  (17012020)
        438180.94   3709881.55       63.28706  (17012020)                438190.82
3709922.42       76.32041  (17012020)
        438171.02   3710057.00       93.73116  (19012103)                438167.71
3710079.43       95.74253  (21020718)
        438161.11   3710124.29      104.89329  (21020718)                438157.81
3710146.72      107.46170  (20090920)
        438154.51   3710169.15      111.44795  (18022419)                438138.00
3710281.29      108.99552  (18042222)
        438134.70   3710303.72      110.27106  (21121420)                438131.40
3710326.15      114.28914  (21121420)
        438124.80   3710371.01      112.12300  (19012024)                438121.50
3710393.44       95.00228  (21012006)
        438111.59   3710460.73       49.01121  (18122507)                438108.29
3710483.16       36.95722  (21101617)
        438101.69   3710528.02       42.97765  (21101617)                438098.39
3710550.45       45.62215  (21101617)
        438095.09   3710572.88       47.97686  (21101617)                438088.49
3710617.74       51.56946  (21101617)
        437759.02   3709291.38       32.12204  (20090918)                437739.37
3709278.88       30.52829  (20090918)
        437719.72   3709266.37       28.63723  (20090918)                437700.08
3709253.87       26.51137  (20090918)
        437680.43   3709241.37       24.21206  (20090918)                437660.79
3709228.87       21.82418  (20090918)
        437826.00   3709225.61       30.15825  (20090918)                437839.29
3709244.21       31.15490  (20090918)
        437852.59   3709262.80       31.86303  (20090918)                437905.77
3709337.19       31.50790  (20090918)
        437919.06   3709355.78       30.63038  (20090918)                437932.36
3709374.38       29.46165  (20090918)
        437945.65   3709392.98       28.02871  (20090918)                437958.95
3709411.57       27.65118  (19101917)
        437972.24   3709430.17       28.85016  (19101917)                437985.54
3709448.77       29.78364  (19101917)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437998.83	3709467.36	30.40876	(19101917)	438012.13	3709485.96	30.71668	(19101917)
438025.42	3709504.56	31.88122	(20041418)	438038.72	3709523.15	33.08446	(20041418)
438052.01	3709541.75	33.84951	(20041418)	438131.78	3709653.33	34.74233	(21121817)
438238.14	3709802.10	80.61176	(18120123)	438251.44	3709820.70	84.24893	(18120123)
438264.73	3709839.29	86.75085	(21120217)	438278.03	3709857.89	90.12819	(21120217)
438287.99	3709899.10	97.37150	(21120119)	438284.66	3709921.72	100.09607	(21120119)
438281.34	3709944.34	100.25250	(21120119)	438264.69	3710057.42	87.02558	(21020718)
438261.36	3710080.04	87.26276	(21020718)	438258.04	3710102.65	89.09193	(18122505)
438254.71	3710125.27	94.23951	(18122505)	438251.38	3710147.88	98.33106	(18122505)
438234.73	3710260.97	104.43111	(18012018)	438231.41	3710283.58	106.03925	(21121419)
438228.08	3710306.20	105.66466	(21121420)	438224.75	3710328.82	103.93441	(19070606)
438221.42	3710351.43	100.72779	(19070606)	438218.09	3710374.05	97.46975	(19070606)
438201.45	3710487.13	110.35729	(18120117)	438198.12	3710509.75	109.31476	(18120117)

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        438194.79   3710532.37      111.37791  (18122503)                438191.46
3710554.98      112.80011  (18122503)
        438188.13   3710577.60      114.58687  (18122503)                438184.80
3710600.21      115.87590  (18122503)
        438181.48   3710622.83      111.59590  (17021619)                438178.15
3710645.45      111.48586  (19021618)
        437812.70   3709207.01       28.91612  (20090918)                437793.06
3709194.51       27.56925  (20090918)
        437773.41   3709182.01       25.99071  (20090918)                437753.77
3709169.51       24.20808  (20090918)
        437734.12   3709157.00       22.27427  (20090918)                437714.47
3709144.50       20.24461  (20090918)
        437879.78   3709141.37       27.12041  (20090918)                437893.17
3709160.10       27.92163  (20090918)
        437906.55   3709178.83       28.48711  (20090918)                437946.72
3709235.01       28.59686  (20090918)
        437960.11   3709253.73       28.08459  (20090918)                437973.49
3709272.46       27.31049  (20090918)
        437986.88   3709291.19       26.29394  (20090918)                438000.27
3709309.91       25.06116  (20090918)
        438013.66   3709328.64       24.20098  (19101917)                438027.05
3709347.36       25.35053  (19101917)
        438040.43   3709366.09       26.30055  (19101917)                438053.82
3709384.82       27.03553  (19101917)
        438067.21   3709403.54       27.70650  (19101917)                438080.60
3709422.27       28.01103  (20041418)
        438093.99   3709441.00       29.10800  (20041418)                438107.37
3709459.72       29.90444  (20041418)
        438134.15   3709497.18       30.73323  (20041418)                438214.48
3709609.54       42.01825  (21121817)
        438321.58   3709759.35       88.22790  (19022023)                438334.97
3709778.08       88.99346  (20021021)
        438348.36   3709796.80       88.87798  (20021021)                438361.74
3709815.53       87.66430  (17080305)
        438375.13   3709834.26       87.86319  (21092707)                438385.17
3709875.76       84.10610  (21092707)
        438381.82   3709898.53       81.44932  (21092707)                438378.46
3709921.31       78.91402  (20092119)
        438361.70   3710035.18       93.44503  (19071519)                438358.35
3710057.95       93.04466  (19071519)
        438355.00   3710080.73       93.53316  (21061019)                438351.65
3710103.50       96.95764  (18022419)
        438348.30   3710126.28       97.22086  (18022419)                438344.94
3710149.05       97.94885  (18122505)
        438328.18   3710262.93       97.17571  (21121419)                438324.83
3710285.70       98.38730  (21121419)
        438321.48   3710308.47       98.36223  (19012024)                438318.13
3710331.25       99.31052  (19012024)
        438314.78   3710354.02       99.90227  (19012024)                438311.43
3710376.80      101.05023  (18021618)
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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): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	88.20765	(21090924)	438277.91	3710604.55	86.51066	(21090924)
438274.55	3710627.32	84.78743	(17012318)	437866.39	3709122.65	26.10746	(20090918)
437846.74	3709110.14	25.02026	(20090918)	437827.10	3709097.64	23.70781	(20090918)
437807.45	3709085.14	22.20500	(20090918)	437787.81	3709072.64	20.55770	(20090918)
437768.16	3709060.14	18.81445	(20090918)	437933.55	3709057.12	24.51014	(20090918)
437947.01	3709075.96	25.16949	(20090918)	437960.48	3709094.79	25.62291	(20090918)
438000.88	3709151.31	25.65864	(20090918)	438014.35	3709170.15	25.19773	(20090918)
438027.82	3709188.98	24.51762	(20090918)	438041.29	3709207.82	23.63175	(20090918)
438054.75	3709226.66	22.56678	(20090918)	438068.22			

3709245.50 21.34061 (20090918)
438081.69 3709264.34 22.42529 (19101917) 438095.16
3709283.17 23.45675 (19101917)
438108.62 3709302.01 24.36344 (19101917) 438122.09
3709320.85 24.93646 (19101917)
438135.56 3709339.69 25.19002 (19101917) 438149.03
3709358.53 25.55612 (20041418)
438162.50 3709377.36 26.40393 (20041418) 438283.70
3709546.91 46.29434 (21121117)
438310.64 3709584.58 52.21144 (20120417) 438418.38
3709735.29 67.42660 (17012020)
438431.85 3709754.12 72.72257 (21120217) 438445.32
3709772.96 77.84360 (21120217)
438458.78 3709791.80 81.55857 (21120119) 438472.25
3709810.64 85.14891 (21120119)
438482.35 3709852.39 87.40896 (21120119) 438478.97
3709875.30 82.94974 (19021619)
438475.60 3709898.21 79.42157 (19021619) 438472.23
3709921.12 78.65609 (19071519)
438458.74 3710012.76 75.28046 (19071519) 438455.37
3710035.67 73.98206 (19071519)
438452.00 3710058.58 75.09628 (18061306) 438448.63
3710081.49 76.18442 (18061306)
438445.26 3710104.40 80.32783 (17020718) 438441.88
3710127.31 86.69409 (17020718)
438425.02 3710241.86 92.70367 (21121419) 438421.65
3710264.77 93.70604 (21121419)
438418.28 3710287.68 94.28318 (19012024) 438414.91
3710310.59 93.91338 (19012024)
438411.54 3710333.50 93.49525 (18021618) 438408.16
3710356.41 93.48618 (18021618)
438387.93 3710493.87 95.68937 (18120117) 438384.56
3710516.78 95.86104 (18122503)
438381.19 3710539.69 99.33098 (18122503) 438377.82
3710562.60 101.22459 (18122503)
438374.45 3710585.51 100.88278 (18122503) 438371.07
3710608.42 97.78751 (17021619)
437920.08 3709038.28 23.66106 (20090918) 437900.43
3709025.78 22.75613 (20090918)
437880.79 3709013.28 21.65753 (20090918) 437861.14
3709000.77 20.39424 (20090918)
437841.49 3708988.27 19.00025 (20090918) 437821.85
3708975.77 17.51165 (20090918)
437987.30 3708972.85 22.25519 (20090918) 438000.84
3708991.78 22.82253 (20090918)
438014.38 3709010.72 23.19385 (20090918) 438054.99
3709067.52 23.12478 (20090918)
438068.52 3709086.46 22.72413 (20090918) 438082.06
3709105.39 22.13144 (20090918)
438095.60 3709124.33 21.36270 (20090918) 438109.13

3709143.26   20.42803 (20090918)
        438122.67   3709162.19   19.35527 (20090918)   438136.21
3709181.13   19.87879 (19101917)
        438149.74   3709200.06   20.90654 (19101917)   438163.28
3709219.00   21.76780 (19101917)
        438176.82   3709237.93   22.33475 (19101917)   438190.35
3709256.87   22.57438 (19101917)
        438203.89   3709275.80   22.55862 (19101917)   438366.33
3709503.02   71.40281 (17011318)
        438379.87   3709521.95   70.40134 (17011318)   438393.40
3709540.89   71.55099 (17011318)
        438406.94   3709559.82   73.73283 (21120517)   438420.48
3709578.76   76.18480 (21120517)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438501.70   3709692.36   74.26317 (21021119)   438515.23
3709711.30   74.52040 (21120217)
        438528.77   3709730.23   75.54734 (21120217)   438542.31
3709749.17   75.21324 (21120217)
        438555.84   3709768.10   75.46840 (21120119)   438569.38
3709787.04   75.35056 (21120119)
        438579.53   3709829.00   73.80914 (21120119)   438576.14
3709852.03   74.80475 (19011217)

438572.75 3709875.06 77.68904 (21020718) 438569.36
3709898.08 81.05707 (21020718)
438552.41 3710013.22 82.04006 (18022419) 438549.02
3710036.25 81.72067 (18022419)
438545.64 3710059.28 79.45136 (19012106) 438542.25
3710082.30 77.13099 (17020718)
438538.86 3710105.33 74.69051 (17020718) 438518.52
3710243.50 87.57399 (21121420)
438515.13 3710266.53 88.02564 (19012024) 438511.74
3710289.55 89.24352 (19012024)
438508.35 3710312.58 89.47324 (18021618) 438504.97
3710335.61 89.42346 (18021618)
438498.19 3710381.66 83.64688 (20062006) 438481.24
3710496.80 73.86285 (19121418)
438477.85 3710519.83 76.51214 (21021818) 438474.46
3710542.86 79.65240 (21021818)
438471.07 3710565.89 83.09785 (21090924) 437973.77
3708953.91 21.53489 (20090918)
437954.12 3708941.41 20.77336 (20090918) 437934.47
3708928.91 19.84146 (20090918)
437914.83 3708916.41 18.76400 (20090918) 437895.18
3708903.91 17.56902 (20090918)
437875.54 3708891.40 16.29057 (20090918) 438040.77
3708888.18 20.26792 (20090918)
438054.09 3708906.81 20.73443 (20090918) 438067.41
3708925.44 21.05047 (20090918)
438080.73 3708944.07 21.20546 (20090918) 438094.05
3708962.70 21.19107 (20090918)
438107.37 3708981.33 21.00312 (20090918) 438120.69
3708999.96 20.65681 (20090918)
438134.01 3709018.60 20.16167 (20090918) 438147.33
3709037.23 19.52975 (20090918)
438160.65 3709055.86 18.76748 (20090918) 438173.97
3709074.49 17.98987 (20090918)
438187.29 3709093.12 17.67351 (19101917) 438200.61
3709111.75 18.58867 (19101917)
438213.93 3709130.38 19.31755 (19101917) 438227.25
3709149.01 19.82480 (19101917)
438240.57 3709167.64 20.11410 (19101917) 438253.89
3709186.27 20.30478 (19101917)
438280.53 3709223.54 20.97713 (20041418) 438400.40
3709391.22 77.20996 (17020218)
438413.72 3709409.85 76.95869 (17020218) 438427.04
3709428.48 76.41721 (20012618)
438440.36 3709447.11 75.70284 (20012618) 438453.68
3709465.74 75.63045 (17011318)
438467.00 3709484.37 75.59699 (17021823) 438480.32
3709503.00 76.15384 (17021823)
438493.64 3709521.63 76.44444 (21021218) 438506.96
3709540.26 75.62648 (21021218)

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        438573.56   3709633.42       75.78205  (20021021)               438600.20
3709670.68       74.82893  (21021119)
        438613.52   3709689.31       74.92663  (17030619)               438626.84
3709707.94       76.01404  (21120119)
        438640.16   3709726.57       77.80885  (21120119)               438653.48
3709745.21       78.57574  (21120119)
        438666.80   3709763.84       78.31341  (21120119)               438676.78
3709805.13       77.50750  (19021619)
        438673.45   3709827.78       77.02653  (19021619)               438670.11
3709850.44       75.43359  (21020718)
        438666.78   3709873.10       75.52626  (21020718)               438663.44
3709895.76       76.38780  (21020718)
        438646.77   3710009.05       80.42652  (18022419)               438643.43
3710031.71       79.09477  (17020718)
        438640.10   3710054.37       77.32408  (17020718)               438636.76
3710077.03       73.36938  (17020718)
        438633.43   3710099.69       69.04083  (21081321)               438616.75
3710212.98       80.24377  (21072606)
        438613.42   3710235.64       81.49266  (21121420)               438610.08
3710258.29       81.24175  (19012024)
        438606.75   3710280.95       80.28125  (19070606)               438603.41
3710303.61       77.48445  (19070606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 429
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438600.08   3710326.27       76.52718  (20051819)                438590.07
3710394.25       79.44152  (20122117)
        438576.73   3710484.88       69.47405  (19121418)                438573.40
3710507.54       67.88111  (18122504)
        438570.06   3710530.20       67.50582  (19121517)                438566.73
3710552.85       68.40490  (18122503)
        438027.45   3708869.55       19.65909  (20090918)                438007.81
3708857.05       19.01609  (20090918)
        437988.16   3708844.54       18.22691  (20090918)                437968.52
3708832.04       17.31149  (20090918)
        437948.87   3708819.54       16.28893  (20090918)                437929.22
3708807.04       15.18327  (20090918)
        437106.84   3710028.10      157.43982  (17022717)                437074.68
3710047.98      142.01640  (17120717)
        437056.82   3710062.36      140.87320  (17021218)                437038.96
3710076.75      196.66275  (20122418)
        437080.24   3709987.33      119.70693  (17120717)                437138.10
3709977.84      136.79684  (17022717)
        437043.32   3710009.03      145.99238  (20121906)                437025.46
3710023.42      187.21938  (21122019)
        437007.60   3710037.81      221.32853  (21013120)                437046.97
3709949.12      106.06183  (17021218)
        437081.27   3709935.94      103.90743  (17120717)                437133.34
3709927.41      109.70739  (17022717)
        437168.89   3709936.69      113.87050  (17022717)                437011.96
3709970.09      189.26772  (21122019)
        436994.10   3709984.48      215.95565  (21013120)                436976.23
3709998.87      233.37749  (20121819)
        437017.52   3709909.44      139.38931  (17021223)                437055.62
3709894.80       96.11890  (17120717)
        437093.73   3709880.16       91.23167  (18012901)                437132.54
3709878.00       90.55739  (17022717)
        437172.04   3709888.32       96.57741  (17022717)                436980.60
3709931.15      187.81511  (21013120)
        436962.73   3709945.54      213.93046  (20121819)                436944.87
3709959.93      216.83920  (18122019)
        436987.51   3709869.98      137.55518  (21122019)                437028.35
3709854.29      122.51828  (17021223)
        437069.18   3709838.60       82.37796  (17120717)                437131.17
3709828.45       77.10963  (18122821)
        437173.49   3709839.50       82.77234  (17022717)                437215.81
3709850.56       77.29081  (17022717)
        436949.24   3709892.21      166.60018  (19013120)                436931.37
3709906.60      192.83002  (21020205)
        436913.51   3709920.98      200.69222  (21020205)                436954.79
3709831.56      168.61002  (21013120)
        436992.90   3709816.92      186.07349  (20120618)                437031.01
3709802.28      181.53176  (20121619)
        437069.12   3709787.64      139.05679  (17020905)                437126.98
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3709778.15       70.24610  (18122821)
        437166.48   3709788.47       71.17246  (17022717)                437205.97
3709798.79       69.89802  (17022717)
        437245.47   3709809.11       62.12664  (17022717)                436917.87
3709853.27      163.99129  (18121620)
        436900.01   3709867.66      170.69584  (18011620)                436882.15
3709882.04      188.78242  (18011620)
        436924.38   3709792.25      183.55469  (17020808)                436964.40
3709776.88      180.34832  (17020808)
        437004.41   3709761.51      186.95363  (17012108)                437044.42
3709746.13      191.74789  (21013119)
        437084.44   3709730.76      190.57613  (21020202)                437125.18
3709728.49      162.46020  (19012818)
        437166.66   3709739.32       62.33815  (17022717)                437208.13
3709750.16       61.99761  (17022717)
        437249.61   3709761.00       55.51323  (17022717)                436886.51
3709814.33      178.34354  (18122019)
        436868.65   3709828.72      177.88553  (21120608)                436850.78
3709843.10      177.97657  (21120608)
        436893.80   3709753.01      169.89570  (17020808)                436935.37
3709737.04      165.91766  (17020808)
        436976.95   3709721.07      161.22013  (17012108)                437018.52
3709705.10      162.51686  (17012108)
        437060.09   3709689.12      171.97198  (17072906)                437123.21
3709678.78      175.77269  (19041820)
        437166.30   3709690.04      132.45091  (17011719)                437209.39
3709701.29       55.43154  (17022717)
        437252.48   3709712.55       50.21298  (17022717)                437295.57
3709723.81       45.50164  (17123120)
        436855.15   3709775.39      153.02614  (21120608)                436837.29
3709789.77      151.55809  (21120608)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 430
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436819.42	3709804.16	146.22144	(21120608)	436861.44	3709714.46	143.81089	(17020808)
436901.01	3709699.25	151.28530	(17020808)	436940.59	3709684.05	144.63430	(17020808)
436980.16	3709668.84	147.98382	(17012108)	437019.74	3709653.64	145.03175	(19120518)
437059.31	3709638.43	152.21366	(17072906)	437119.39	3709628.58	162.39362	(21020221)
437160.41	3709639.30	162.43720	(21122606)	437201.43	3709650.02	91.97633	(18020419)
437242.45	3709660.73	47.32235	(17022717)	437283.47	3709671.45	40.95236	(17022717)
437324.49	3709682.17	40.70197	(17123120)	436823.79	3709736.45	140.05504	(21120608)
436805.92	3709750.83	137.26697	(21120608)	436788.06	3709765.22	134.79493	(20110517)
436830.70	3709675.27	130.04923	(21020201)	436871.53	3709659.59	135.59070	(17020808)
436912.37	3709643.90	134.21539	(17020808)	436953.20	3709628.21	134.87543	(18121017)
436994.03	3709612.52	138.82089	(18013018)	437034.86	3709596.84	137.86097	(21122222)
437075.69	3709581.15	145.03216	(17072906)	437117.26	3709578.83	150.77703	(21020221)
437159.59	3709589.89	157.79528	(20010218)	437201.91	3709600.95	130.59536	(18011719)
437244.23	3709612.00	43.14289	(17022717)	437286.55	3709623.06	37.76811	(17022717)
437328.87	3709634.11	35.17094	(17123120)	436792.42	3709697.51	132.68913	(21120608)
436774.56	3709711.89	128.45346	(20110517)	436756.70	3709726.28	127.02264	(20110517)
436767.74	3709597.48	116.12857	(21120608)	436808.09	3709581.98	118.07906	(21013020)
436848.44	3709566.48	121.88387	(20121819)	436888.79	3709550.97	124.73405	(17021420)
436929.14	3709535.47	126.70964	(17101619)	436969.49	3709519.97	128.71806	(18013018)
437009.84	3709504.47	125.23701	(19120518)	437050.19	3709488.96	126.59410	(17072906)

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        437111.45   3709478.92      137.82591  (21020221)                437153.28
3709489.85      142.33095  (20010218)
        437195.10   3709500.77      137.82688  (17011223)                437236.92
3709511.70       39.96537  (19123021)
        437278.74   3709522.63       34.05258  (17022717)                437320.57
3709533.55       30.95813  (20021019)
        437362.39   3709544.48       30.31789  (17123120)                437404.21
3709555.41       32.77596  (18120916)
        436729.70   3709619.62      113.08279  (17122319)                436711.84
3709634.01      113.10467  (17122818)
        436693.97   3709648.40      111.88098  (20090520)                436705.90
3709519.26      105.69544  (18121919)
        436726.96   3709511.17      107.45578  (21010118)                436748.02
3709503.08      108.45076  (18011620)
        436769.08   3709494.99      109.42855  (21013020)                436790.14
3709486.90      110.90746  (18010619)
        436811.20   3709478.80      112.79270  (18122019)                436832.26
3709470.71      113.59284  (20121819)
        436853.32   3709462.62      114.46432  (20121322)                436874.38
3709454.53      115.90336  (17021420)
        436895.44   3709446.44      116.02499  (21122120)                436916.50
3709438.35      116.99622  (17101619)
        436937.56   3709430.25      117.91160  (18121017)                436958.62
3709422.16      118.21622  (18013018)
        436979.68   3709414.07      117.10818  (20122924)                437000.74
3709405.98      115.49716  (21013119)
        437021.80   3709397.89      115.84745  (21013119)                437042.86
3709389.80      112.85723  (21122222)
        437063.92   3709381.70      113.39787  (17072906)                437106.81
3709379.32      124.73043  (21020221)
        437128.64   3709385.02      129.70234  (21020221)                437150.47
3709390.72      130.87546  (20010218)
        437172.30   3709396.42      129.59997  (18120819)                437194.12
3709402.13      120.10473  (17011223)
        437237.78   3709413.53       33.38023  (19123021)                437259.61
3709419.24       31.03962  (17022717)
        437281.44   3709424.94       29.76518  (17022717)                437303.27
3709430.64       28.49130  (20021019)
        437346.92   3709442.05       28.33115  (20021019)                437368.75
3709447.75       27.97190  (18021922)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 431
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	28.00787	(17123120)	437412.41	3709459.16	27.86605	(17123120)
437434.24	3709464.86	27.93980	(17022120)	437456.07	3709470.56	28.34033	(18120916)
437477.89	3709476.26	28.99412	(18120916)	436684.84	3709527.35	104.55961	(17122818)
436666.98	3709541.74	103.89319	(17122818)	436649.11	3709556.13	103.80511	(20090520)
436631.25	3709570.51	103.08322	(20090520)	436642.90	3709441.49	97.89196	(17122818)
436684.47	3709425.51	98.93018	(21010118)	436726.05	3709409.54	101.07143	(18011620)
436767.62	3709393.57	102.34174	(18122019)	436809.19	3709377.59	104.27998	(20121819)
436850.77	3709361.62	105.67875	(17021420)	436892.34	3709345.65	107.22023	(17101619)
436933.91	3709329.67	108.37874	(18013018)	436975.49	3709313.70	106.91236	(20122924)
437017.06	3709297.73	104.36840	(21122222)	437058.63	3709281.75	104.32993	(17072906)
437100.97	3709279.40	103.71833	(21020221)	437144.06	3709290.65	112.23098	(19011101)
437187.15	3709301.91	120.83143	(18120819)	437230.24	3709313.17	81.79949	(18011719)
437273.33	3709324.43	26.70698	(17022717)	437316.42	3709335.68	25.22694	(20021019)
437359.51	3709346.94	25.18052	(20021019)	437402.60	3709358.20	24.65288	(17123120)
437445.69	3709369.46	24.37554	(17123120)	437488.78	3709380.71	24.72089	(17022120)
436604.25	3709463.86	97.08966	(20090520)	436586.39			

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3709478.24       95.99516  (20090520)
        436568.52   3709492.63       94.89792  (18020219)                436579.97
3709363.68       89.51498  (17122818)
        436621.13   3709347.87       90.84023  (18121919)                436662.28
3709332.06       92.41699  (21010118)
        436703.44   3709316.24       93.73642  (18011620)                436744.60
3709300.43       94.89141  (18122019)
        436785.76   3709284.62       96.05826  (20121819)                436826.91
3709268.80       96.70856  (17021420)
        436868.07   3709252.99       97.58711  (17101619)                436909.23
3709237.18       97.90430  (18121017)
        436950.39   3709221.36       97.09880  (17022124)                436991.54
3709205.55      110.04796  (21011219)
        437032.70   3709189.74      113.72419  (21122222)                437095.19
3709179.50      112.46252  (21121818)
        437137.85   3709190.64      111.73562  (20122403)                437180.51
3709201.79      111.37999  (18120819)
        437223.17   3709212.93       93.48273  (18011719)                437265.83
3709224.08       26.54394  (19123021)
        437308.48   3709235.22       23.27852  (20021019)                437351.14
3709246.36       22.69641  (20021019)
        437393.80   3709257.51       22.33578  (20021019)                437436.46
3709268.65       22.07545  (17123120)
        437479.12   3709279.80       21.84737  (17022120)                437521.78
3709290.94       22.08166  (17022120)
        437564.44   3709302.09       22.17825  (17021020)                436541.53
3709385.98       88.51308  (18011119)
        436523.66   3709400.36       87.42142  (18011119)                436505.80
3709414.75       88.39247  (18020219)
        436517.84   3709285.57       83.27196  (20090520)                436539.01
3709277.44       83.02611  (21011604)
        436560.18   3709269.30       84.10693  (17122818)                436581.35
3709261.17       83.75612  (18121919)
        436602.52   3709253.03       83.98890  (18121919)                436623.70
3709244.90       84.66612  (21010118)
        436644.87   3709236.77       85.19975  (19122301)                436666.04
3709228.63       86.24956  (18011620)
        436687.21   3709220.50       86.38514  (21020205)                436708.38
3709212.36       86.86016  (21020205)
        436729.55   3709204.23       88.13582  (18122019)                436750.73
3709196.09       88.67221  (20121819)
        436771.90   3709187.96       88.63284  (20121322)                436793.07
3709179.83       88.77171  (18010119)
        436814.24   3709171.69       89.61965  (17021420)                436835.41
3709163.56       89.33970  (21122120)
        436856.58   3709155.42       90.30024  (17101619)                436877.75
3709147.29       91.19704  (18121017)
        436898.93   3709139.15       91.14861  (18013018)                436920.10
3709131.02       90.64823  (18013018)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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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):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        437441.35   3709171.54       19.76078  (17123120)               437463.29
3709177.27       19.83478  (17123120)
        437485.23   3709183.00       19.77713  (17123120)               437507.18
3709188.74       19.70011  (17022120)
        437529.12   3709194.47       19.85910  (17022120)               437551.07
3709200.20       19.93011  (17022120)
        437573.01   3709205.94       19.89952  (17022120)               437594.95
3709211.67       19.99568  (17021020)
        437616.90   3709217.40       20.03566  (17021020)               437638.84
3709223.14       20.00942  (19101817)
        436496.67   3709293.71       82.02206  (18011119)               436478.80
3709308.09       81.17837  (18011119)
        436460.94   3709322.48       81.89094  (18020219)               436443.08
3709336.87       81.52201  (18020219)
        436454.90   3709207.77       76.44432  (18011119)               436496.82
3709191.67       77.02077  (20090520)
        436517.78   3709183.61       77.66178  (17122818)               436559.70
3709167.51       78.07738  (18121919)
        436601.62   3709151.40       79.17555  (19122301)               436622.58
3709143.35       79.55047  (18011620)
        436664.50   3709127.24       80.53260  (21020205)               436706.42
3709111.13       81.73006  (18122019)
        436727.38   3709103.08       81.95428  (20121819)               436769.30
3709086.98       81.60374  (17020808)
        436811.22   3709070.87       82.11271  (17021420)               436853.14
3709054.76       82.83430  (18121017)
        436895.06   3709038.66       84.11169  (17012108)               436916.02
3709030.60       83.43651  (17012108)
        436957.94   3709014.50       85.59441  (21011219)               436999.86
3708998.39       85.39573  (17072906)
        437020.82   3708990.34       85.82795  (17072906)               437084.46
3708979.91       89.26991  (21020221)
        437127.91   3708991.26       97.92033  (21020221)               437171.36
3709002.61       82.52392  (19122017)
        437214.81   3709013.96       37.33127  (18121317)               437258.26
3709025.31       21.65247  (19123021)
        437301.71   3709036.66       20.77370  (19123021)               437345.16
3709048.02       19.99929  (20021019)
        437388.61   3709059.37       19.07469  (20021019)               437432.05
3709070.72       18.35839  (20021019)
        437475.50   3709082.07       17.71810  (17123120)               437518.95
3709093.42       17.35256  (17123120)
        437562.40   3709104.77       17.54898  (17022120)               437605.85
3709116.12       17.75658  (17022120)
        437649.30   3709127.48       18.08806  (17021020)               436416.08
3709230.21       76.03719  (18020219)
        436398.22   3709244.60       76.05093  (18020219)               436380.35
3709258.98       76.85478  (20012122)
        436392.00   3709129.96       70.26706  (19012719)               436433.58
3709113.98       72.07328  (20090520)
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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): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	76.86273	(21122120)	436849.31	3708954.25	77.80878	(18121017)
436890.88	3708938.28	77.74425	(18013018)	436932.46	3708922.31	77.60413	(20122924)
436974.03	3708906.33	78.27052	(21013119)	437015.60	3708890.36	77.39115	(18010218)
437078.72	3708880.02	83.30753	(21020221)	437121.81	3708891.27	92.39153	(21020221)
437164.90	3708902.53	83.32853	(20122403)	437207.99	3708913.79	53.58183	(17122918)
437251.08	3708925.05	20.17933	(18122821)	437294.17	3708936.30	18.39381	(19123021)
437337.26	3708947.56	17.60653	(20021019)	437380.35			

3708958.82 17.38497 (20021019)
437423.44 3708970.08 16.98719 (20021019) 437466.53
3708981.33 16.52676 (18021922)
437509.62 3708992.59 16.35902 (17123120) 437552.71
3709003.85 16.03876 (17123120)
437595.80 3709015.11 16.13294 (17022120) 437638.89
3709026.36 16.46432 (17022120)
437681.98 3709037.62 16.66082 (17021020) 437725.07
3709048.88 16.60812 (17021020)
436353.35 3709152.33 70.74686 (18020219) 436335.49
3709166.72 71.00547 (20012122)
436317.63 3709181.10 73.47394 (20012122) 436329.73
3709051.90 66.50530 (18020219)
436350.96 3709043.74 66.72002 (19012719) 436372.19
3709035.59 67.04906 (20090520)
436393.42 3709027.43 68.19611 (20090520) 436414.65
3709019.27 68.14486 (20090520)
436435.89 3709011.11 68.59229 (20110517) 436457.12
3709002.96 69.54998 (20110517)
436478.35 3708994.80 69.18737 (20110517) 436499.58
3708986.64 69.32135 (21120608)
436520.81 3708978.48 70.60609 (21120608) 436542.05
3708970.33 70.68438 (21120608)
436563.28 3708962.17 69.95550 (18010807) 436584.51
3708954.01 69.91714 (18011620)
436605.74 3708945.85 70.24064 (21013020) 436626.97
3708937.70 70.28434 (18010619)
436648.21 3708929.54 71.33004 (18122019) 436669.44
3708921.38 71.54900 (17121318)
436690.67 3708913.22 73.25212 (17020808) 436711.90
3708905.06 73.60225 (17020808)
436733.13 3708896.91 72.35337 (17020808) 436754.37
3708888.75 72.29964 (17021420)
436775.60 3708880.59 71.76380 (21122120) 436796.83
3708872.43 72.09815 (21122120)
436818.06 3708864.28 72.36652 (18121017) 436839.29
3708856.12 73.16337 (17012108)
436860.53 3708847.96 73.22504 (17012108) 436881.76
3708839.80 72.69429 (18013018)
436902.99 3708831.65 72.84387 (20122924) 436924.22
3708823.49 72.88936 (20122924)
436945.45 3708815.33 72.86710 (21013119) 436966.69
3708807.17 73.92778 (21013119)
436987.92 3708799.01 72.80596 (21013119) 437009.15
3708790.86 72.28453 (18010218)
437030.38 3708782.70 72.33021 (17072906) 437073.62
3708780.29 78.74835 (21020221)
437095.63 3708786.04 84.65597 (21020221) 437117.64
3708791.79 87.14357 (21020221)
437139.64 3708797.54 85.42725 (20122403) 437161.65

3708803.29   81.02076 (20122403)
        437183.66   3708809.04   71.66984 (19122017)   437205.66
3708814.79   55.48509 (17122918)
        437227.67   3708820.54   32.52088 (18121317)   437249.68
3708826.29   18.57207 (18122821)
        437271.68   3708832.04   17.24041 (19123021)   437293.69
3708837.78   16.90823 (19123021)
        437315.70   3708843.53   16.45831 (19123021)   437337.70
3708849.28   16.07981 (20021019)
        437359.71   3708855.03   15.99728 (20021019)   437381.72
3708860.78   16.00025 (20021019)
        437403.72   3708866.53   15.92481 (20021019)   437425.73
3708872.28   15.70906 (20021019)
        437447.74   3708878.03   15.45249 (20021019)   437469.74
3708883.78   15.19349 (20021019)
        437491.75   3708889.53   15.07853 (18021922)   437513.75
3708895.28   14.98245 (17123120)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        437623.79   3708924.03       14.80874  (17022120)               437645.79
3708929.78       14.92701  (17022120)
        437667.80   3708935.52       15.12459  (17022120)               437689.81
3708941.27       15.27321  (17021020)
        437711.81   3708947.02       15.36202  (17021020)               437733.82
3708952.77       15.38570  (17021020)
        437755.83   3708958.52       15.34004  (17021020)               437777.83
3708964.27       15.24688  (17021020)
        437799.84   3708970.02       16.14712  (20090918)               436308.49
3709060.06       66.68712  (18020219)
        436290.63   3709074.45       66.09999  (20012122)               436272.77
3709088.83       68.74359  (20012122)
        436254.90   3709103.22       70.18847  (20012122)               436266.83
3708974.09       63.52938  (18020219)
        436287.89   3708965.99       63.16656  (18020219)               436308.95
3708957.90       63.66466  (19012719)
        436330.01   3708949.81       63.66311  (20090520)               436351.07
3708941.72       64.76637  (20090520)
        436372.13   3708933.63       64.78167  (20090520)               436393.19
3708925.54       65.05536  (20110517)
        436414.25   3708917.44       66.15506  (20110517)               436435.31
3708909.35       66.40496  (20110517)
        436456.37   3708901.26       65.75880  (20121319)               436477.43
3708893.17       67.57119  (21120608)
        436498.49   3708885.08       68.28470  (21120608)               436519.55
3708876.99       67.73840  (21120608)
        436540.61   3708868.90       66.89508  (18010807)               436561.67
3708860.80       66.58276  (21010507)
        436582.73   3708852.71       66.74566  (21020103)               436603.79
3708844.62       66.74412  (21020103)
        436624.85   3708836.53       67.38252  (18122019)               436645.91
3708828.44       68.00791  (17020808)
        436666.97   3708820.35       69.40447  (17020808)               436688.03
3708812.25       69.54706  (17020808)
        436709.09   3708804.16       68.42232  (17020808)               436730.15
3708796.07       68.15345  (17021420)
        436751.21   3708787.98       67.49885  (17021420)               436772.27
3708779.89       67.98203  (21122120)
        436793.33   3708771.80       68.02501  (17101619)               436814.39
3708763.70       68.78637  (18121017)
        436835.45   3708755.61       68.95597  (17012108)               436856.51
3708747.52       68.78718  (18013018)
        436877.57   3708739.43       68.11289  (18120703)               436898.63
3708731.34       68.83932  (20122924)
        436919.69   3708723.25       68.47512  (20122924)               436940.75
3708715.15       69.07170  (21013119)
        436961.81   3708707.06       69.24713  (21013119)               436982.87
3708698.97       67.67855  (21122222)
        437003.93   3708690.88       67.36190  (17072906)               437024.99
3708682.79       70.29034  (17072906)
```

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        437067.88   3708680.40       74.84808  (21020221)                437089.71
3708686.10       80.11288  (21020221)
        437111.54   3708691.80       82.41703  (21020221)                437133.37
3708697.51       80.87488  (19041820)
        437155.20   3708703.21       77.12292  (20122403)                437177.02
3708708.91       68.67072  (19122017)
        437220.68   3708720.32       41.52830  (18020419)                437242.51
3708726.02       24.73031  (17120817)
        437264.34   3708731.72       17.03638  (18122821)                437286.17
3708737.43       16.26480  (19123021)
        437308.00   3708743.13       15.75812  (19123021)                437351.65
3708754.54       14.79983  (20021019)
        437373.48   3708760.24       14.77405  (20021019)                437395.31
3708765.94       14.77069  (20021019)
        437417.14   3708771.64       14.72399  (20021019)                437438.97
3708777.35       14.62306  (20021019)
        437460.79   3708783.05       14.45415  (20021019)                437482.62
3708788.75       14.16814  (20021019)
        437504.45   3708794.46       13.93547  (18021922)                437526.28
3708800.16       13.79826  (18021922)
        437569.94   3708811.56       13.74952  (17123120)                437591.77
3708817.27       13.66210  (17123120)
        437613.59   3708822.97       13.55087  (17022120)                437635.42
3708828.67       13.63069  (17022120)
        437657.25   3708834.38       13.85104  (17022120)                437679.08
3708840.08       14.03669  (17022120)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 435
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	14.08595	(17022120)	437722.74	3708851.48	14.14078	(17021020)
437744.56	3708857.19	14.21208	(17021020)	437766.39	3708862.89	14.23688	(17021020)
437810.05	3708874.30	14.13547	(17021020)	437831.88	3708880.00	14.00746	(17021020)
437853.71	3708885.70	15.12771	(20090918)	436245.77	3708982.18	62.87815	(18020219)
436227.91	3708996.56	64.64374	(20012122)	436210.04	3709010.95	66.29696	(20012122)
436192.18	3709025.34	66.88850	(20012122)	436203.96	3708896.26	60.88157	(18080906)
436245.78	3708880.19	61.08363	(19012719)	436287.61	3708864.12	62.67445	(17070206)
436329.44	3708848.05	63.96345	(17070206)	436371.26	3708831.98	64.59135	(20110517)
436413.09	3708815.91	63.33105	(20110517)	436454.92	3708799.84	65.05710	(21120608)
436496.75	3708783.77	64.02131	(21120608)	436538.57	3708767.70	63.35860	(21010507)
436580.40	3708751.63	63.79275	(21020103)	436622.23	3708735.56	64.41662	(17020808)
436664.05	3708719.49	65.58743	(17020808)	436705.88	3708703.41	64.36823	(17021420)
436747.71	3708687.34	64.23721	(21122120)	436789.53	3708671.27	64.80084	(18121017)
436831.36	3708655.20	65.00735	(18013018)	436873.19	3708639.13	64.65122	(20122924)
436915.01	3708623.06	63.93171	(20122924)	436956.84	3708606.99	65.21890	(21013119)
436998.67	3708590.92	63.63526	(18010218)	437062.17	3708580.51	68.66200	(17122318)
437105.52	3708591.84	75.66708	(21020221)	437148.87	3708603.17	76.44447	(20122403)
437192.23	3708614.49	66.21680	(19122017)	437235.58	3708625.82	40.22120	(18020419)
437278.93	3708637.15	15.58487	(19123021)	437322.29	3708648.47	14.26302	(19123021)
437365.64	3708659.80	13.59297	(20021019)	437408.99	3708671.12	13.53838	(20021019)
437452.34	3708682.45	13.39138	(20021019)	437495.70	3708693.78	13.04297	(20021019)
437539.05	3708705.10	12.81605	(18021922)	437582.40	3708716.43	12.77679	(17123120)
437625.75	3708727.75	12.78653	(17123120)	437669.11			

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3708739.08       12.98415  (17022120)
        437712.46   3708750.41       13.08102  (17022120)                437755.81
3708761.73       13.12181  (17021020)
        437799.17   3708773.06       13.22169  (17021020)                437842.52
3708784.39       13.14682  (17021020)
        437885.87   3708795.71       13.13415  (20090918)                436165.18
3708918.68       63.12698  (20012122)
        436147.32   3708933.07       63.91790  (20012122)                436129.45
3708947.46       63.61009  (20012122)
        437017.12   3710105.60      240.97675  (21122019)                436994.30
3710140.34      279.33055  (18121620)
        436986.74   3710060.78      244.75081  (20121819)                436963.92
3710095.51      259.10911  (18011620)
        436955.38   3710021.84      233.39558  (18122019)                436933.55
3710050.69      225.85381  (21120608)
        436910.73   3710085.43      214.82827  (20110517)                436917.07
3709990.56      200.76657  (21120608)
        436891.76   3710023.24      185.30557  (20110517)                436868.94
3710057.97      181.39757  (20090520)
        436874.41   3709964.06      176.51212  (20110517)                436849.97
3709995.78      167.76515  (17070206)
        436827.15   3710030.52      173.51462  (20012122)                436832.10
3709937.18      162.85796  (17070206)
        436857.13   3709909.61      182.06873  (21120608)                436808.18
3709968.33      155.24972  (19012719)
        436785.36   3710003.06      168.92119  (20012122)                436789.97
3709910.11      151.04978  (17070206)
        436814.29   3709883.30      163.36872  (20110517)                436766.39
3709940.87      152.69386  (20012122)
        436743.57   3709975.61      157.45172  (20012122)                436749.92
3709880.74      137.73360  (20012122)
        436777.72   3709850.11      142.77411  (17070206)                436724.61
3709913.42      147.42206  (20012122)
        436701.79   3709948.15      142.20182  (20012122)                436707.63
3709853.83      137.05170  (20012122)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 436
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                 L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                 L0003923    , L0003924    , L0003925    , L0003926    , L0003927
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, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436734.44   3709824.29   130.76746 (17070206)   436761.25
3709794.76   135.00382 (17070206)
        436682.82   3709885.96   137.51019 (20012122)   436660.00
3709920.70   136.84490 (21112723)
        436665.47   3709826.78   131.85571 (20012122)   436691.54
3709798.07   127.20046 (20012122)
        436717.60   3709769.35   125.23807 (17070206)   436641.03
3709858.51   124.93396 (20012122)
        436618.21   3709893.24   131.93624 (20121403)   436582.77
3709770.92   112.29008 (20012122)
        436610.57   3709740.29   118.80545 (20012122)   436638.37
3709709.66   114.61191 (20012122)
        436666.17   3709679.03   110.73481 (19012719)   436557.46
3709803.60   117.63937 (21112723)
        436534.64   3709838.33   121.47915 (20121403)   436498.56
3709716.70   106.31918 (21112723)
        436525.10   3709687.46   101.05302 (20012122)   436551.63
3709658.23   108.22309 (20012122)
        436578.17   3709628.99   107.31952 (20012122)   436604.71
3709599.75   104.05487 (18020219)
        436473.88   3709748.69   109.45319 (20121403)   436451.06
3709783.42   105.62845 (20121403)
        436415.61   3709661.10   99.85395 (20121403)   436443.42
3709630.47   97.39528 (21112723)
        436471.22   3709599.84   93.16576 (20012122)   436499.02
3709569.21   100.19119 (20012122)
        436526.82   3709538.58   99.26298 (20012122)   436390.30
3709693.78   97.74655 (20121403)
        436367.48   3709728.51   93.61244 (19111203)   436331.54
3709606.73   91.46150 (20121403)
        436358.35   3709577.20   92.09081 (20121403)   436385.16
3709547.66   90.47826 (21112723)
        436411.97   3709518.13   86.32732 (21011601)   436438.78
3709488.59   91.92542 (20012122)
        436465.59   3709459.05   92.62805 (20012122)   436306.73
3709638.87   86.70899 (19111203)

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        436283.91   3709673.60       84.64752  (21122223)               436248.46
3709551.28       80.37580  (20121403)
        436276.26   3709520.65       85.82998  (20121403)               436304.07
3709490.02       84.70235  (20121403)
        436331.87   3709459.39       83.35278  (21112723)               436359.67
3709428.76       79.37212  (21011601)
        436387.47   3709398.13       85.29093  (20012122)               436415.27
3709367.50       85.34624  (20012122)
        436223.15   3709583.96       79.52013  (19111203)               436200.33
3709618.69       80.17197  (21122223)
        436164.48   3709496.82       75.05249  (19111203)               436191.46
3709467.09       76.51129  (20121403)
        436218.45   3709437.36       80.31779  (20121403)               436245.43
3709407.63       78.67225  (20121403)
        436272.41   3709377.90       77.78242  (18101406)               436299.40
3709348.17       73.96095  (21011601)
        436326.38   3709318.44       78.30665  (20012122)               436353.37
3709288.71       79.96845  (20012122)
        436139.58   3709529.05       73.85596  (21122223)               436116.76
3709563.78       74.51202  (21122223)
        436081.31   3709441.46       68.49070  (19111203)               436109.11
3709410.83       70.66492  (19111203)
        436136.92   3709380.20       73.22987  (20121403)               436164.72
3709349.57       75.32097  (20121403)
        436192.52   3709318.94       73.36806  (18101406)               436220.32
3709288.31       72.17469  (18101406)
        436248.12   3709257.68       69.22237  (21121703)               436275.92
3709227.05       73.75314  (20012122)
        436056.00   3709474.14       70.01295  (21122223)               436033.18
3709508.87       68.96446  (21011208)
        435997.39   3709386.93       65.57540  (21122223)               436024.49
3709357.07       65.77552  (19111203)
        436051.60   3709327.20       66.36468  (19111203)               436078.71
3709297.34       69.45040  (20121403)
        436105.82   3709267.47       70.75459  (20121403)               436132.92
3709237.61       68.95492  (18101406)
        436160.03   3709207.75       68.02073  (18101406)               436187.14
3709177.88       64.78745  (21011601)
        436214.24   3709148.02       68.26408  (20012122)               435972.42
3709419.23       65.18689  (21011208)
        435949.60   3709453.96       65.74977  (20122108)               435914.16
3709331.64       62.44112  (21122223)
        435941.96   3709301.01       60.80991  (21122223)               435969.76
3709270.38       62.70425  (19111203)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435997.57	3709239.75	62.39996	(20121403)	436025.37	3709209.12	66.34986	(20121403)
436053.17	3709178.49	66.29463	(20121403)	436080.97	3709147.86	65.04734	(18101406)
436108.77	3709117.23	63.11647	(21112723)	436136.57	3709086.60	60.73646	(21011606)
436164.38	3709055.97	65.22659	(20012122)	435888.85	3709364.32	62.19480	(21011208)
435866.03	3709399.05	62.13121	(20122108)	435830.28	3709277.06	58.68445	(21122223)
435857.48	3709247.10	59.22179	(21122223)	435884.68	3709217.13	58.08786	(19111203)
435911.87	3709187.17	59.53245	(19111203)	435939.07	3709157.20	59.75694	(20121403)
435966.27	3709127.24	62.89057	(20121403)	435993.47	3709097.28	62.56297	(20121403)
436020.66	3709067.31	61.53947	(18101406)	436047.86	3709037.35	59.99940	(21112723)
436075.06	3709007.38	57.58389	(21011606)	436102.26	3708977.42	60.42516	(20012122)
435805.27	3709309.41	58.44492	(20122108)	435782.45	3709344.14	58.28658	(20122108)
436986.12	3710169.40	295.88991	(18011620)	436986.86	3710192.47	307.61022	(18011620)
436987.61	3710215.54	319.44521	(18011620)	436941.60	3710151.64	256.60272	(21120608)
436936.89	3710194.09	264.12094	(20110517)	436937.63			

3710217.16 277.32553 (20012122)
436892.31 3710150.83 216.45976 (20012122) 436898.45
3710129.03 208.34107 (17070206)
436904.59 3710107.23 209.83335 (17070206) 436886.17
3710172.63 227.48065 (20012122)
436886.91 3710195.70 234.25661 (20012122) 436887.66
3710218.77 236.84659 (20012122)
436841.65 3710154.87 205.07557 (20012122) 436852.57
3710116.11 204.44078 (20012122)
436836.94 3710197.32 218.18735 (20121403) 436837.68
3710220.39 221.42068 (20121403)
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3710113.57 186.36317 (21112723)
436815.46 3710072.04 187.62293 (20012122) 436786.97
3710198.93 189.76174 (21011719)
436787.71 3710222.00 196.56597 (21011208) 436742.39
3710155.67 172.72677 (21011719)
436748.53 3710133.87 177.25018 (20121403) 436754.66
3710112.07 181.34929 (20121403)
436760.80 3710090.27 178.27469 (20121403) 436766.94
3710068.47 172.02512 (21112723)
436773.08 3710046.66 169.91208 (20012122) 436779.22
3710024.86 171.94700 (20012122)
436736.25 3710177.47 176.31745 (20122108) 436736.99
3710200.54 179.76370 (20122108)
436737.74 3710223.61 178.57337 (20122108) 436692.00
3710158.74 165.11951 (20122108)
436703.46 3710118.04 160.85560 (21011603) 436714.92
3710077.35 167.21203 (20121403)
436726.38 3710036.65 162.83094 (20121403) 436687.02
3710202.16 165.45706 (18011208)
436687.76 3710225.23 169.97367 (19120805) 436642.25
3710159.56 151.96216 (17050206)
436654.16 3710117.28 153.55663 (20122108) 436666.07
3710075.00 149.50224 (21011719)
436677.97 3710032.71 155.62141 (20121403) 436689.88
3709990.43 151.18347 (20121403)
436637.04 3710203.77 160.02681 (19120805) 436637.79
3710226.84 164.71297 (19120805)
436592.46 3710160.51 144.14909 (19120805) 436598.60
3710138.71 143.01730 (17050206)
436604.74 3710116.91 140.59413 (20020120) 436610.88
3710095.11 142.88824 (20122108)
436617.02 3710073.31 142.85587 (20122108) 436623.16
3710051.51 140.15445 (21011603)
436629.30 3710029.70 139.92566 (21011719) 436635.44
3710007.90 141.19402 (20121403)
436641.58 3709986.10 145.66629 (20121403) 436647.72
3709964.30 145.56837 (20121403)
436653.86 3709942.50 140.81663 (20121403) 436586.32

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436542.20   3710163.16   142.70005 (19120805)   436553.89
3710121.64   134.67079 (21011402)
        436565.59   3710080.11   132.38648 (18020421)   436577.28
3710038.58   133.18537 (20122108)
        436588.98   3709997.06   130.59675 (21011719)   436600.67
3709955.53   134.43708 (20121403)
        436537.10   3710207.00   148.84448 (21090405)   436537.84
3710230.07   154.75468 (21090405)
        436442.54   3710165.35   134.28709 (21090405)   436448.68
3710143.55   125.97010 (21090405)
        436454.82   3710121.75   127.92980 (19120805)   436460.96
3710099.95   126.54046 (19120805)
        436467.10   3710078.15   121.19379 (19120805)   436473.24
3710056.35   119.45107 (21011402)
        436479.38   3710034.55   117.64027 (17101622)   436485.52
3710012.74   117.87176 (18020421)
        436491.66   3709990.94   117.45085 (20122108)   436497.80
3709969.14   117.81070 (20122108)

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        436503.94   3709947.34      115.63865  (21011607)              436510.08
3709925.54      115.64297  (21011603)
        436516.22   3709903.74      115.61029  (21011719)              436522.36
3709881.93      115.78704  (20121403)
        436528.50   3709860.13      119.97480  (20121403)              436436.40
3710187.16      137.30337  (21090405)
        436437.15   3710210.23      136.98714  (21090405)              436437.89
3710233.30      135.12536  (18121805)
        436342.49   3710168.96      123.75273  (21090405)              436354.55
3710126.13      123.07765  (21090405)
        436366.61   3710083.29      114.54015  (19120805)              436378.68
3710040.45      113.19055  (19120805)
        436390.74   3709997.61      107.59410  (21011402)              436402.80
3709954.77      105.69576  (18020421)
        436414.87   3709911.94      105.35634  (20122108)              436426.93
3709869.10      104.21425  (21122223)
        436439.00   3709826.26      103.48545  (21011719)              436337.20
3710213.45      124.25036  (18121805)
        436337.94   3710236.52      124.93685  (18121805)              436242.74
3710171.46      112.60166  (18121805)
        436248.98   3710149.32      110.48293  (21090405)              436255.22
3710127.17      113.72055  (21090405)
        436261.45   3710105.02      114.76346  (21090405)              436267.69
3710082.87      112.81347  (21090405)
        436273.93   3710060.73      107.43022  (21090405)              436280.17
3710038.58      103.70826  (19120805)
        436286.40   3710016.43      105.12299  (19120805)              436292.64
3709994.28      104.15160  (19120805)
        436298.88   3709972.14      100.59215  (19120805)              436305.11
3709949.99       98.13940  (21011402)
        436311.35   3709927.84       97.10424  (21011402)              436317.59
3709905.69       96.07149  (20022102)
        436323.82   3709883.54       96.15477  (18020421)              436330.06
3709861.40       95.76025  (18020421)
        436336.30   3709839.25       95.12347  (20122108)              436342.54
3709817.10       94.80471  (20122108)
        436348.77   3709794.95       94.68207  (21122223)              436355.01
3709772.81       94.28731  (21122223)
        436361.25   3709750.66       92.83695  (21011719)              436236.51
3710193.61      113.37331  (18121805)
        436237.25   3710216.68      112.54100  (18121805)              436238.00
3710239.75      111.41787  (20101104)
        436142.70   3710175.04      103.87795  (18121805)              436148.84
3710153.24      104.66681  (18121805)
        436154.98   3710131.43      103.24582  (18121805)              436161.12
3710109.63      101.78627  (21090405)
        436167.26   3710087.83      104.73685  (21090405)              436173.40
3710066.03      105.84638  (21090405)
        436179.54   3710044.23      104.61845  (21090405)              436185.68
3710022.43      100.67989  (21090405)
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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): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	86.48202	(20122108)	436271.63	3709717.20	87.32509	(21122223)
436277.77	3709695.40	86.85087	(21122223)	436136.56	3710196.84	103.17356	(20101104)
436137.30	3710219.91	101.85914	(20101104)	436138.05	3710242.98	102.47908	(20112424)
436042.67	3710178.53	95.56595	(20101104)	436054.80	3710135.47	96.85630	(18121805)
436066.93	3710092.40	95.34408	(18121805)	436072.99			

3710070.87 93.95056 (21090405)
436085.12 3710027.81 98.28157 (21090405) 436097.25
3709984.74 94.82193 (21090405)
436109.38 3709941.68 86.86890 (19120805) 436121.50
3709898.61 88.91445 (19120805)
436133.63 3709855.55 84.23381 (19120805) 436145.76
3709812.48 82.15841 (21011402)
436157.89 3709769.42 80.89995 (20022806) 436170.01
3709726.35 80.75144 (18020421)
436182.14 3709683.29 79.68666 (20122108) 436037.36
3710223.14 95.58659 (20112424)
436038.10 3710246.21 97.85031 (20112424) 435942.87
3710181.24 86.48593 (20112424)
435949.08 3710159.19 88.51202 (20101104) 435955.29
3710137.14 90.16733 (20101104)
435961.50 3710115.09 90.25783 (20101104) 435967.71
3710093.03 90.69573 (18121805)
435973.92 3710070.98 90.28413 (18121805) 435980.13
3710048.93 88.01745 (18121805)
435986.34 3710026.88 87.80227 (21090405) 435992.55
3710004.82 90.47673 (21090405)
435998.76 3709982.77 91.62140 (21090405) 436004.97
3709960.72 90.94362 (21090405)
436011.18 3709938.67 88.18827 (21090405) 436017.39
3709916.62 83.46116 (21090405)
436023.60 3709894.56 79.84898 (19120805) 436029.81
3709872.51 81.98064 (19120805)
436036.02 3709850.46 82.64688 (19120805) 436042.23
3709828.41 81.76382 (19120805)
436048.44 3709806.36 79.34171 (19120805) 436054.66
3709784.30 76.91873 (21011406)
436060.87 3709762.25 76.51667 (21011402) 436067.08
3709740.20 75.94418 (20022804)
436073.29 3709718.15 75.08229 (20022102) 436079.50
3709696.10 74.50687 (20022806)
436085.71 3709674.04 74.35337 (18020421) 436091.92
3709651.99 74.09252 (18020421)
436098.13 3709629.94 73.33028 (20122106) 436104.34
3709607.89 73.81783 (20122108)
436110.55 3709585.83 73.33777 (20122108) 435936.66
3710203.29 89.61585 (20112424)
435937.41 3710226.36 91.29659 (20112424) 435938.15
3710249.43 92.30713 (19121506)
435842.85 3710184.72 84.65502 (20112424) 435848.99
3710162.92 82.29256 (20112424)
435855.13 3710141.12 81.69304 (20101104) 435861.27
3710119.32 84.01799 (20101104)
435867.41 3710097.51 85.02238 (20101104) 435873.55
3710075.71 84.49946 (20101104)
435879.69 3710053.91 85.13601 (18121805) 435885.83

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                   L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                   L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                   L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

436014.76 3709574.28 68.33366 (18020421) 436020.90 3709552.48 69.13262 (20122108)
436027.04 3709530.67 69.53779 (20122108) 435836.72 3710206.52 85.38342 (20112424)
435837.46 3710229.59 86.16688 (19121506) 435838.21 3710252.66 85.92163 (19121506)
435742.85 3710188.16 80.53731 (20112424) 435748.93 3710166.56 80.23031 (20112424)
435761.09 3710123.37 75.30954 (20112424) 435773.25 3710080.19 79.63943 (20101104)
435779.33 3710058.59 80.14631 (20101104) 435791.50 3710015.40 80.31257 (18121805)
435797.58 3709993.81 79.59078 (18121805) 435809.74 3709950.62 75.81064 (21090405)
435821.90 3709907.43 80.35587 (21090405) 435827.98 3709885.84 80.61896 (21090405)
435840.15 3709842.65 76.73244 (21090405) 435846.23 3709821.06 72.67014 (21090405)
435858.39 3709777.87 70.53154 (19120805) 435870.55 3709734.68 72.29734 (19120805)
435876.63 3709713.09 71.50705 (19120805) 435888.79 3709669.90 66.69601 (21040903)
435894.87 3709648.31 66.21555 (19121508) 435907.04 3709605.12 66.44867 (18011208)
435919.20 3709561.93 65.46053 (18120808) 435925.28 3709540.34 64.59640 (18120808)
435937.44 3709497.15 64.10807 (20122108) 435737.51 3710232.82 80.37207 (19121506)
435738.26 3710255.89 78.64256 (19121506) 435643.01 3710190.98 76.37837 (19121506)
435649.21 3710168.98 76.20461 (19121506) 435655.40 3710146.98 76.00901 (20112424)
435661.60 3710124.98 74.73291 (20112424) 435667.79 3710102.99 72.04204 (20112424)
435673.99 3710080.99 72.16031 (20101104) 435680.18 3710058.99 74.48219 (20101104)
435686.38 3710036.99 75.61996 (20101104) 435692.57 3710015.00 75.44711 (20101104)
435698.77 3709993.00 75.98970 (18121805) 435704.96 3709971.00 76.20210 (18121805)
435711.16 3709949.00 75.00802 (18121805) 435717.35 3709927.00 72.49362 (18121805)
435723.55 3709905.01 71.97237 (21090405) 435729.74 3709883.01 74.65357 (21090405)
435735.94 3709861.01 76.12859 (21090405) 435742.13 3709839.01 76.25516 (21090405)
435748.33 3709817.01 74.89842 (21090405) 435754.52 3709795.02 72.18130 (21090405)
435760.72 3709773.02 68.29042 (21090405) 435766.91 3709751.02 63.42573 (21090405)

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        435773.11   3709729.02       65.99332  (19120805)                435779.30
3709707.02       67.71186  (19120805)
        435785.50   3709685.03       68.55404  (19120805)                435791.69
3709663.03       68.18495  (19120805)
        435797.89   3709641.03       66.62317  (19120805)                435804.08
3709619.03       64.13484  (19120805)
        435810.28   3709597.03       63.24879  (20010708)                435816.47
3709575.04       63.01707  (18121508)
        435822.66   3709553.04       63.44446  (18011208)                435828.86
3709531.04       63.37742  (18011208)
        435835.05   3709509.04       63.18448  (18120808)                435841.25
3709487.04       62.79799  (18120808)
        435847.44   3709465.05       61.91242  (18020108)                435853.64
3709443.05       60.76615  (18020108)
        435859.83   3709421.05       61.06183  (20122108)                435636.82
3710212.98       75.26460  (19121506)
        435637.56   3710236.05       73.34512  (19121506)                435638.31
3710259.12       70.37177  (19121506)
        435543.01   3710194.40       70.89459  (19121506)                435549.15
3710172.60       72.21293  (19121506)
        435555.29   3710150.80       72.37916  (19121506)                435561.43
3710129.00       72.14902  (20112424)
        435567.57   3710107.20       71.39574  (20112424)                435573.71
3710085.40       69.42769  (20112424)
        435579.85   3710063.59       66.27280  (20112424)                435585.99
3710041.79       69.10120  (20101104)
        435592.13   3710019.99       71.00716  (20101104)                435598.27
3709998.19       71.75076  (20101104)
        435604.41   3709976.39       71.44854  (18121805)                435610.55
3709954.59       72.78464  (18121805)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 441
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	72.97614	(18121805)	435622.83	3709910.98	72.02853	(18121805)
435628.96	3709889.18	69.78275	(18121805)	435635.10	3709867.38	67.88044	(21090405)
435641.24	3709845.58	70.73128	(21090405)	435647.38	3709823.78	72.47706	(21090405)
435653.52	3709801.98	73.01670	(21090405)	435659.66	3709780.17	72.21882	(21090405)
435665.80	3709758.37	69.90457	(21090405)	435671.94	3709736.57	66.64776	(21090405)
435678.08	3709714.77	62.56014	(21090405)	435684.22	3709692.97	60.66908	(19120805)
435690.36	3709671.17	62.93833	(19120805)	435696.50	3709649.36	64.39297	(19120805)
435702.64	3709627.56	65.00802	(19120805)	435708.78	3709605.76	64.89908	(19120805)
435714.92	3709583.96	63.80247	(19120805)	435721.06	3709562.16	61.89211	(20010708)
435727.20	3709540.36	61.91113	(20010708)	435733.34	3709518.56	61.03717	(19100607)
435739.48	3709496.75	61.22306	(18121508)	435745.62	3709474.95	61.14393	(18011208)
435751.76	3709453.15	60.97965	(18120808)	435757.89	3709431.35	60.79538	(18120808)
435764.03	3709409.55	59.99880	(18120808)	435770.17	3709387.75	59.22367	(18020108)
435776.31	3709365.94	57.90881	(18020108)	435536.87	3710216.20	68.48889	(19121506)
435537.62	3710239.27	65.42366	(19121506)	435538.36	3710262.34	66.22465	(21110503)
436998.29	3710253.17	336.11431	(18011621)	437006.23	3710275.99	347.79605	(20013119)
437014.16	3710298.81	371.75054	(20013119)	436943.13	3710246.78	308.56916	(20012122)
436951.07	3710269.60	340.98487	(20012122)	436959.00	3710292.42	372.93928	(20012122)
436966.94	3710315.24	402.13287	(20012122)	436891.78	3710240.99	239.87746	(20121403)
436895.90	3710263.20	253.52339	(20121403)	436903.84	3710286.02	265.80758	(20121403)
436911.78	3710308.84	280.24629	(20121403)	436919.71			

3710331.66   298.70399 (20121403)
        436845.01   3710259.88   219.74970 (21011208)   436856.62
3710302.45   235.55072 (21011208)
        436864.55   3710325.27   240.06066 (20122108)   436872.49
3710348.09   254.85644 (19120805)
        436798.02   3710277.54   204.28272 (18011208)   436809.39
3710318.87   225.92776 (19120805)
        436817.33   3710341.69   233.86244 (19120805)   436825.26
3710364.51   252.57331 (21090405)
        436750.11   3710290.26   201.36176 (19120805)   436745.98
3710268.05   192.65208 (19120805)
        436741.86   3710245.83   183.77704 (18011208)   436754.23
3710312.48   207.46299 (21090405)
        436762.16   3710335.30   221.35289 (21090405)   436770.10
3710358.12   226.08082 (21090405)
        436778.04   3710380.94   233.75689 (18121805)   436703.15
3710308.17   198.60471 (21090405)
        436695.46   3710266.70   182.34451 (19120805)   436714.94
3710351.72   205.48141 (18121805)
        436722.88   3710374.54   209.25692 (18121805)   436730.81
3710397.36   205.37258 (18121805)
        436655.38   3710321.63   183.10604 (18121805)   436650.98
3710297.93   182.86279 (21090405)
        436646.58   3710274.24   179.02966 (21090405)   436642.19
3710250.54   167.58632 (21090405)
        436659.78   3710345.33   187.86748 (18121805)   436667.71
3710368.15   186.53441 (18121805)
        436675.65   3710390.97   190.09168 (19121506)   436683.59
3710413.79   196.72641 (19121506)
        436608.43   3710339.54   171.90721 (18121805)   436604.31
3710317.32   172.08537 (18121805)
        436600.18   3710295.10   166.21700 (18121805)   436591.94
3710250.67   165.64235 (21090405)
        436612.55   3710361.75   167.50348 (20112424)   436620.49
3710384.57   176.58828 (19121506)
        436628.43   3710407.39   179.76736 (19121506)   436636.36
3710430.21   176.25748 (19121506)
        436561.40   3710357.02   159.10397 (20112424)   436553.55
3710314.70   159.90664 (18121805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911

```
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436545.69   3710272.38      154.07093  (21090405)               436573.26
3710401.00      165.49776  (19121506)
        436581.20   3710423.82      161.85830  (19121506)               436589.14
3710446.64      157.52488  (21110503)
        436466.75   3710388.81      143.80267  (19121506)               436462.63
3710366.59      145.17516  (19121506)
        436454.38   3710322.16      137.58178  (20112424)               436450.26
3710299.94      138.15328  (18121805)
        436446.14   3710277.73      140.00895  (18121805)               436442.02
3710255.51      139.27758  (18121805)
        436470.88   3710411.03      140.30004  (19121506)               436478.81
3710433.85      138.27274  (21110503)
        436486.75   3710456.67      136.73384  (21110503)               436494.69
3710479.49      146.66638  (20020723)
        436372.15   3710420.84      124.24505  (21110503)               436367.87
3710397.80      125.96487  (19121506)
        436363.60   3710374.76      128.59619  (19121506)               436359.32
3710351.72      130.00797  (19121506)
        436355.05   3710328.68      128.73786  (19121506)               436350.77
3710305.64      125.52457  (20112424)
        436346.50   3710282.60      121.62826  (20101104)               436342.22
3710259.56      123.80301  (18121805)
        436376.43   3710443.88      123.10314  (21110503)               436384.36
3710466.70      125.45450  (20020723)
        436392.30   3710489.52      134.09163  (20020723)               436400.24
3710512.34      137.45501  (20020723)
        436277.58   3710453.03      111.25049  (21110503)               436273.18
3710429.33      113.16315  (21110503)
        436268.78   3710405.63      113.39399  (21110503)               436264.38
3710381.94      114.64709  (19121506)
        436259.99   3710358.24      116.83470  (19121506)               436255.59
3710334.54      118.02906  (19121506)
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        436251.19   3710310.84      117.26908  (19121506)                436246.79
3710287.15      114.95086  (20112424)
        436242.39   3710263.45      110.50626  (20112424)                436281.98
3710476.73      117.71891  (20020723)
        436289.91   3710499.55      123.12194  (20020723)                436297.85
3710522.37      124.90181  (20020723)
        436305.79   3710545.19      124.37597  (20020723)                436183.40
3710487.36      110.79777  (20020723)
        436175.16   3710442.93      103.26089  (21110503)                436171.03
3710420.71      104.60145  (21110503)
        436166.91   3710398.49      104.79051  (21110503)                436162.79
3710376.28      103.67317  (19121506)
        436158.66   3710354.06      105.98798  (19121506)                436154.54
3710331.84      107.62861  (19121506)
        436146.29   3710287.41      107.31897  (19121506)                436142.17
3710265.19      105.61411  (20112424)
        436187.52   3710509.57      113.80030  (20020723)                436195.46
3710532.39      114.78473  (20020723)
        436203.40   3710555.21      114.28164  (20020723)                436211.33
3710578.03      113.06414  (20020723)
        436088.85   3710519.64      106.11693  (20020723)                436084.62
3710496.85      104.11327  (20020723)
        436080.39   3710474.07       99.76454  (20020723)                436076.16
3710451.28       94.92269  (21110503)
        436071.93   3710428.49       96.59185  (21110503)                436067.70
3710405.71       97.55986  (21110503)
        436063.47   3710382.92       97.29860  (21110503)                436059.24
3710360.14       95.15811  (21110503)
        436055.02   3710337.35       97.24350  (19121506)                436050.79
3710314.56       99.05694  (19121506)
        436046.56   3710291.78       99.85944  (19121506)                436042.33
3710268.99       99.26586  (19121506)
        436093.07   3710542.42      106.29071  (20020723)                436101.01
3710565.24      105.55868  (20020723)
        436108.95   3710588.06      103.98390  (20020723)                436116.88
3710610.88      101.48313  (20020723)
        435994.30   3710552.00       98.76556  (20020723)                435989.98
3710528.72       99.05411  (20020723)
        435985.67   3710505.45       97.80718  (20020723)                435981.35
3710482.18       94.59124  (20020723)
        435977.03   3710458.90       89.09442  (20020723)                435972.71
3710435.63       89.15771  (21110503)
        435968.39   3710412.35       90.72092  (21110503)                435964.07
3710389.08       91.37537  (21110503)
        435959.75   3710365.81       90.71182  (21110503)                435955.43
3710342.53       88.27216  (21110503)
        435951.11   3710319.26       89.47608  (19121506)                435946.79
3710295.98       91.57847  (19121506)
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

3710618.32 78.51717 (20020723)
435801.31 3710595.67 82.51156 (20020723) 435797.11
3710573.02 85.18887 (20020723)
435792.91 3710550.36 86.65980 (20020723) 435788.70
3710527.71 86.91790 (20020723)
435784.50 3710505.06 85.81374 (20020723) 435780.30
3710482.41 83.21656 (20020723)
435776.09 3710459.76 79.05624 (20020723) 435771.89
3710437.10 76.92431 (21120204)
435767.68 3710414.45 77.84200 (21110503) 435763.48
3710391.80 79.63645 (21110503)
435759.28 3710369.15 80.48313 (21110503) 435755.07
3710346.50 80.26376 (21110503)
435750.87 3710323.84 78.73767 (21110503) 435746.66
3710301.19 75.74280 (21110503)
435742.46 3710278.54 76.16939 (19121506) 435809.72
3710640.97 76.20363 (17021608)
435817.66 3710663.79 77.32436 (17031607) 435825.60
3710686.61 77.84777 (17031607)
435833.53 3710709.43 78.42228 (19010608) 435711.00
3710650.78 77.34598 (17021608)
435706.72 3710627.74 76.87339 (17021608) 435702.44
3710604.70 76.30031 (20020723)
435698.17 3710581.66 79.13531 (20020723) 435693.89
3710558.63 81.15242 (20020723)
435689.62 3710535.59 81.99953 (20020723) 435685.34
3710512.55 81.62865 (20020723)
435681.07 3710489.51 80.10628 (20020723) 435676.79
3710466.47 76.99632 (20020723)
435672.51 3710443.43 72.74099 (21120204) 435668.24
3710420.39 71.69893 (21123108)
435663.96 3710397.35 73.32470 (21110503) 435659.69
3710374.31 75.07649 (21110503)
435655.41 3710351.27 75.86135 (21110503) 435651.14
3710328.23 75.49907 (21110503)
435646.86 3710305.19 73.84771 (21110503) 435642.59
3710282.16 70.77846 (21110503)
435715.27 3710673.82 77.84771 (17031607) 435723.21
3710696.64 77.68248 (17031607)
435731.14 3710719.46 78.09237 (19010608) 435739.08
3710742.28 79.25504 (18012708)
435616.48 3710683.29 75.06754 (17031607) 435612.14
3710659.90 74.12599 (17031607)
435607.80 3710636.51 76.02050 (17021608) 435603.46
3710613.13 76.91354 (17021608)
435599.12 3710589.74 78.19730 (20020723) 435594.78
3710566.36 81.27547 (20020723)
435590.44 3710542.97 82.80711 (20020723) 435586.10
3710519.59 82.71714 (20020723)
435581.76 3710496.20 81.23454 (20020723) 435577.42

3710472.81   77.57740 (20020723)
        435573.08   3710449.43   72.50460 (20020723)   435568.74
3710426.04   68.36590 (21120204)
        435564.40   3710402.66   67.84308 (21123108)   435560.06
3710379.27   69.52867 (21110503)
        435555.72   3710355.89   71.17316 (21110503)   435551.38
3710332.50   71.76846 (21110503)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435547.04   3710309.12   71.18917 (21110503)   435542.70
3710285.73   69.30781 (21110503)
        435620.82   3710706.67   74.90120 (17031607)   435628.76
3710729.49   75.64079 (19010608)
        435636.69   3710752.31   77.16982 (18012708)   435644.63
3710775.13   81.68812 (18012708)
        437027.39   3710326.68   367.04881 (21121703)   437038.31
3710349.01   331.49305 (21121703)
        437049.22   3710371.33   359.91876 (17022717)   436982.47
3710348.64   445.09984 (20012122)
        436993.39   3710370.97   481.25339 (20121403)   437004.30
3710393.30   531.17236 (20121403)
        436937.55   3710370.61   355.07942 (20121403)   436948.47
3710392.93   394.41565 (20121403)

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        436959.39   3710415.26      484.53980  (21090405)              436881.72
3710370.24      271.74470  (19120805)
        436892.63   3710392.57      296.85382  (21090405)              436903.55
3710414.89      333.33317  (21090405)
        436914.47   3710437.22      417.47677  (18121805)              436836.80
3710392.20      261.51768  (18121805)
        436847.72   3710414.53      273.98482  (18121805)              436858.63
3710436.86      277.76984  (18121805)
        436869.55   3710459.18      316.56203  (19121506)              436791.88
3710414.17      234.71228  (18121805)
        436802.80   3710436.49      245.24152  (19121506)              436813.71
3710458.82      248.57745  (19121506)
        436824.63   3710481.15      266.34001  (19121506)              436746.96
3710436.13      218.74778  (19121506)
        436757.88   3710458.46      213.77562  (19121506)              436768.80
3710480.78      218.91457  (20020723)
        436779.71   3710503.11      241.58273  (20020723)              436692.82
3710435.94      195.04809  (19121506)
        436702.05   3710458.09      187.62791  (19121506)              436712.96
3710480.42      196.83769  (20020723)
        436723.88   3710502.75      209.01858  (20020723)              436734.80
3710525.07      209.06363  (20020723)
        436650.21   3710463.44      169.81033  (21110503)              436668.04
3710502.38      191.57253  (20020723)
        436678.96   3710524.71      191.37316  (20020723)              436689.88
3710547.04      184.27697  (20020723)
        436604.52   3710483.56      169.99019  (20020723)              436623.13
3710524.34      176.52939  (20020723)
        436634.04   3710546.67      171.26912  (20020723)              436644.96
3710569.00      165.79511  (20020723)
        436513.14   3710523.79      154.11183  (20020723)              436503.92
3710501.64      153.44151  (20020723)
        436522.37   3710545.94      151.17690  (20020723)              436533.29
3710568.27      148.11805  (20020723)
        436544.21   3710590.60      147.22951  (20020723)              436555.12
3710612.92      148.94842  (20020723)
        436424.46   3710570.49      134.20863  (20020723)              436443.45
3710612.20      133.58589  (20020723)
        436454.37   3710634.52      133.64483  (20020723)              436465.29
3710656.85      134.73281  (21012123)
        436333.47   3710611.64      121.13478  (20020723)              436324.24
3710589.49      122.09851  (20020723)
        436315.01   3710567.34      123.18899  (20020723)              436342.70
3710633.79      119.34541  (20020723)
        436353.62   3710656.12      118.77086  (17121723)              436364.53
3710678.45      121.49684  (21012123)
        436375.45   3710700.77      123.12315  (21011706)              436244.56
3710657.78      107.26961  (18020722)
        436227.95   3710617.91      109.93191  (20020723)              436263.78
3710700.05      110.40870  (21012123)
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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): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	85.30704	(18120419)	435955.67	3710743.04	84.23778	(20022703)
435946.44	3710720.89	83.75245	(17121219)	435937.21	3710698.74	82.70950	(17120201)
435983.36	3710809.50	87.21337	(18011820)	435994.27			

3710831.82 87.31530 (18020405)
  436005.19 3710854.15 88.82841 (19011808) 436016.11
3710876.48 89.77635 (21012201)
  435884.95 3710832.85 85.21620 (19011808) 435867.81
3710791.71 85.94004 (18012708)
  435850.67 3710750.57 82.20700 (18012708) 435904.44
3710875.75 89.48248 (19011808)
  435915.35 3710898.08 88.56482 (19011808) 435926.27
3710920.40 86.19605 (21011420)
  435794.45 3710875.20 86.93132 (19011808) 435785.23
3710853.04 85.48543 (19011808)
  435776.00 3710830.89 85.95499 (18012708) 435766.77
3710808.74 87.57060 (18012708)
  435757.54 3710786.59 86.38215 (18012708) 435748.31
3710764.43 82.95886 (18012708)
  435803.68 3710897.35 86.80487 (19011808) 435814.60
3710919.67 85.03267 (19011808)
  435825.52 3710942.00 82.01731 (19011808) 435836.43
3710964.33 80.74422 (21012124)
  435705.19 3710920.51 83.67223 (19011808) 435687.89
3710878.97 83.65919 (19011808)
  435670.59 3710837.43 84.95718 (18012708) 435724.76
3710963.60 80.18554 (19011808)
  435735.68 3710985.93 77.29891 (21011420) 435746.60
3711008.25 75.60165 (21012124)
  437052.65 3710321.47 264.94204 (20120708) 437017.82
3710373.27 497.09441 (21121703)
  436964.72 3710362.63 434.38079 (20121403) 436881.73
3710306.83 248.38621 (21011208)
  436863.46 3710244.40 236.76798 (20121403) 436828.63
3710296.20 219.72600 (20122108)
  436810.36 3710233.77 204.64037 (21011208) 436662.66
3710184.60 158.71034 (17050206)
  436538.19 3710100.90 130.63334 (21011402) 436383.83
3709972.03 104.42488 (17121003)
  436289.23 3709933.50 96.28408 (21011402) 436123.27
3709821.90 81.15292 (21011402)
  435920.75 3709585.43 65.98789 (18011208) 436987.78
3710422.82 563.13370 (21090405)
  436981.82 3710445.14 615.19208 (21090405) 436975.87
3710467.47 581.45807 (21122423)
  436969.92 3710489.80 611.90523 (20102504) 436921.61
3710476.92 488.25831 (19121506)
  436904.79 3710367.02 281.85905 (19120805) 436851.94
3710364.15 258.41604 (21090405)
  436776.67 3710438.27 232.44144 (19121506) 436746.22
3710358.41 216.09978 (18121805)
  436726.55 3710282.45 193.10652 (19120805) 436691.95
3710367.85 196.93517 (18121805)
  436618.82 3710281.14 174.00628 (21090405) 436589.38

3710364.41   165.30583 (20112424)
        436570.02   3710269.33   161.53373 (21090405)   436612.64
3710175.47   149.36663 (19120805)
        436535.11   3710373.86   158.21967 (19121506)   436465.44
3710261.09   142.82203 (18121805)
        436483.63   3710221.04   145.22458 (21090405)   436501.81
3710180.99   139.00520 (21090405)
        436520.00   3710140.95   137.45744 (19120805)   436438.49
3710348.09   140.62409 (19121506)
        436369.27   3710234.32   129.00900 (18121805)   436378.82
3710213.30   127.29559 (18121805)
        436388.37   3710192.27   129.54647 (21090405)   436397.91
3710171.25   131.74804 (21090405)
        436407.46   3710150.22   129.71407 (21090405)   436417.01
3710129.20   122.48073 (21090405)
        436426.56   3710108.17   123.37824 (19120805)   436436.11
3710087.15   122.97124 (19120805)
        436445.65   3710066.12   118.53394 (19120805)   436272.19
3710209.56   117.21645 (18121805)
        436290.38   3710169.51   114.76047 (21090405)   436308.56
3710129.47   120.20813 (21090405)
        436326.75   3710089.42   113.74104 (21090405)   436344.94
3710049.37   111.91391 (19120805)
        436363.12   3710009.32   106.67375 (19120805)   436175.92
3710183.03   107.08239 (18121805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436185.36	3710162.23	107.82663	(18121805)	436194.80	3710141.44	106.11613	(18121805)
436204.25	3710120.64	106.96536	(21090405)	436213.69	3710099.85	109.77848	(21090405)
436223.13	3710079.06	110.29094	(21090405)	436232.58	3710058.26	107.83100	(21090405)
436242.02	3710037.47	102.10390	(21090405)	436251.46	3710016.67	100.88982	(19120805)
436260.90	3709995.88	102.24426	(19120805)	436270.35	3709975.09	101.16655	(19120805)
436279.79	3709954.29	97.47925	(19120805)	436166.47	3710203.82	105.71690	(20101104)
436160.52	3710226.15	103.84135	(20101104)	436078.94	3710158.03	98.51998	(20101104)
436097.13	3710117.98	99.31631	(18121805)	436115.32	3710077.94	98.95090	(21090405)
436133.50	3710037.89	101.95477	(21090405)	436151.69	3709997.84	96.01491	(21090405)
436169.88	3709957.79	93.29164	(19120805)	436188.06	3709917.75	92.68253	(19120805)
436063.90	3710200.38	95.93021	(20101104)	435982.60	3710131.64	91.94620	(20101104)
435991.98	3710110.99	92.24166	(18121805)	436001.36	3710090.34	92.66448	(18121805)
436010.74	3710069.69	91.22964	(18121805)	436020.11	3710049.04	89.47078	(21090405)
436029.49	3710028.39	92.78157	(21090405)	436038.87	3710007.74	94.59894	(21090405)
436048.25	3709987.09	94.49175	(21090405)	436057.62	3709966.45	92.14777	(21090405)
436067.00	3709945.80	87.56205	(21090405)	436076.38	3709925.15	83.92557	(19120805)
436085.76	3709904.50	86.24391	(19120805)	436095.13	3709883.85	86.89946	(19120805)
436104.51	3709863.20	85.75382	(19120805)	436113.89	3709842.55	82.80058	(19120805)
435973.23	3710152.29	90.99571	(20101104)	435967.27	3710174.62	88.79952	(20101104)
435961.32	3710196.94	89.48756	(20112424)	435894.79	3710086.48	85.93507	(20101104)
435912.98	3710046.43	86.37591	(18121805)	435931.16	3710006.38	83.37210	(21090405)
435949.35	3709966.34	88.15224	(21090405)	435967.54	3709926.29	86.73935	(21090405)
435985.72	3709886.24	78.13206	(21090405)	436003.91	3709846.19	80.44502	(19120805)

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        436022.10   3709806.15       79.59729  (19120805)                435807.98
3710039.11       81.03581  (18121805)
        435817.31   3710018.56       81.48776  (18121805)                435826.64
3709998.01       80.44652  (18121805)
        435835.97   3709977.46       77.87196  (18121805)                435845.31
3709956.91       79.08599  (21090405)
        435854.64   3709936.36       81.68988  (21090405)                435863.97
3709915.81       82.87479  (21090405)
        435873.30   3709895.25       82.49522  (21090405)                435882.64
3709874.70       80.50858  (21090405)
        435891.97   3709854.15       76.83286  (21090405)                435901.30
3709833.60       71.69297  (21090405)
        435910.63   3709813.05       73.37771  (19120805)                435919.97
3709792.50       75.09006  (19120805)
        435929.30   3709771.95       75.46337  (19120805)                435938.63
3709751.40       74.45022  (19120805)
        435947.97   3709730.85       72.08998  (19120805)                435768.07
3710145.42       78.75252  (20112424)
        435721.55   3709990.90       77.08794  (18121805)                435731.09
3709969.87       76.75683  (18121805)
        435740.64   3709948.85       74.96971  (18121805)                435750.19
3709927.82       71.97754  (21090405)
        435759.74   3709906.80       75.35882  (21090405)                435769.29
3709885.77       77.48298  (21090405)
        435778.83   3709864.75       78.17885  (21090405)                435788.38
3709843.72       77.31631  (21090405)
        435797.93   3709822.70       74.89527  (21090405)                435807.48
3709801.67       71.05547  (21090405)
        435817.03   3709780.65       66.00273  (21090405)                435826.57
3709759.62       68.79711  (19120805)
        435836.12   3709738.60       70.58596  (19120805)                435845.67
3709717.57       71.26713  (19120805)
        435855.22   3709696.55       70.48077  (19120805)                435864.77
3709675.52       68.39069  (19120805)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 447
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
```

L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	73.14985	(18121805)	435661.13	3709885.40	68.29134	(18121805)
435670.43	3709864.92	71.45735	(21090405)	435679.73	3709844.44	73.61470	(21090405)
435689.03	3709823.97	74.49334	(21090405)	435698.33	3709803.49	73.91883	(21090405)
435707.63	3709783.01	71.86828	(21090405)	435716.93	3709762.53	68.68087	(21090405)
435726.23	3709742.05	64.53167	(21090405)	435735.53	3709721.57	63.00148	(19120805)
435744.83	3709701.09	65.44044	(19120805)	435754.13	3709680.61	66.95328	(19120805)
435772.73	3709639.66	66.81185	(19120805)	436969.01	3710524.96	617.67889	(20020723)
436970.50	3710565.89	590.58604	(20020723)	436918.30	3710506.32	473.75338	(20020723)
436919.79	3710547.25	389.74606	(20020723)	436921.28	3710588.18	386.18030	(18121805)
436869.98	3710493.44	361.12919	(20020723)	436869.07	3710528.60	329.31538	(20020723)
436870.56	3710569.53	283.18072	(18012708)	436818.36	3710509.96	284.81145	(20020723)
436819.85	3710550.89	229.13095	(18012708)	436821.34	3710591.82	233.28273	(19011808)
436769.14	3710532.24	219.23124	(20020723)	436770.63	3710573.17	205.02690	(18012708)
436724.39	3710460.67	195.79519	(19121506)	436719.92	3710554.52	188.19687	(20020723)
436721.41	3710595.45	187.69079	(21012123)	436674.25	3710463.96	176.35732	(21110503)
436670.70	3710576.81	172.70914	(18031607)	436625.11	3710458.43	164.36830	(21110503)
436620.73	3710578.63	159.89298	(18031607)	436570.66	3710500.15	166.50843	(20020723)
436569.27	3710539.52	160.74997	(20020723)	436570.76	3710580.45	151.68714	(20020723)
436522.70	3710484.12	153.29008	(20020723)	436526.84			

3710447.36   145.22692 (21110503)
        436530.97   3710410.61   152.86995 (19121506)   436521.54
3710602.73   143.90031 (20020723)
        436423.04   3710485.30   137.39803 (20020723)   436427.45
3710446.10   129.51898 (21110503)
        436431.87   3710406.90   134.26748 (19121506)   436419.37
3710544.97   137.06003 (20020723)
        436421.61   3710606.37   131.23096 (20020723)   436320.80
3710509.44   127.36522 (20020723)
        436325.01   3710472.01   120.77717 (20020723)   436329.22
3710434.59   118.58011 (21110503)
        436333.44   3710397.17   121.34976 (19121506)   436337.65
3710359.75   126.54059 (19121506)
        436220.97   3710512.18   117.02060 (20020723)   436225.38
3710472.98   111.13908 (20020723)
        436229.79   3710433.78   108.71825 (21110503)   436234.21
3710394.57   109.85683 (21110503)
        436120.95   3710516.52   108.51692 (20020723)   436125.21
3710478.72   104.20787 (20020723)
        436129.46   3710440.91   99.84669 (21110503)   436133.72
3710403.11   102.31408 (21110503)
        436137.98   3710365.31   102.40021 (19121506)   436021.10
3710519.46   101.08818 (20020723)
        436025.51   3710480.25   97.16411 (20020723)   436029.92
3710441.05   92.58497 (21110503)
        436034.34   3710401.85   95.44972 (21110503)   436019.64
3710559.52   100.07965 (20020723)
        435921.23   3710522.48   94.38190 (20020723)   435925.78
3710482.05   91.11414 (20020723)
        435930.34   3710441.63   85.62558 (21110503)   435934.89
3710401.20   89.26750 (21110503)
        435919.70   3710563.16   93.18246 (20020723)   435821.23
3710526.73   88.67547 (20020723)
        435825.64   3710487.53   86.24046 (20020723)   435830.06
3710448.33   79.94514 (21120204)
        435834.47   3710409.12   82.58124 (21110503)   435819.77
3710566.80   87.01606 (20020723)
        435721.36   3710529.86   83.50396 (20020723)   435725.88
3710489.62   81.56162 (20020723)
        435730.41   3710449.39   75.41684 (21120204)   435734.94
3710409.15   76.33704 (21110503)
        435757.59   3710207.98   81.85470 (19121506)   435719.84
3710570.44   81.37185 (20020723)

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

INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435621.36	3710534.01	81.36248	(20020723)	435625.78	3710494.81	80.19945	(20020723)
435630.19	3710455.60	74.40041	(20020723)	435634.60	3710416.40	70.34220	(21123108)
435619.90	3710574.08	79.91963	(20020723)	435521.48	3710537.20	83.61836	(20020723)
435525.99	3710497.11	83.16615	(20020723)	435530.51	3710457.01	75.30850	(20020723)
435535.02	3710416.92	66.85888	(21120204)	435519.97	3710577.71	79.29391	(20020723)
435521.46	3710618.64	74.48494	(17021608)	436953.73	3710589.22	561.70589	(20050504)
436939.59	3710607.08	523.35337	(20050504)	436925.45	3710624.94	478.27423	(20050504)
436942.81	3710522.47	519.92414	(20020723)	436900.39	3710576.05	329.46013	(19011808)
436886.25	3710593.91	307.95458	(19011808)	436889.47	3710509.29	411.16316	(20020723)
436847.05	3710562.87	254.54591	(18012708)	436850.26	3710478.25	303.58003	(19121506)
436807.84	3710531.83	239.31025	(20020723)	436825.20	3710429.36	253.06200	(19121506)
436651.04	3710407.69	186.54533	(19121506)	436522.51	3710247.82	151.74036	(21090405)
436508.37	3710265.68	148.46698	(18121805)	436494.23	3710283.54	148.58467	(18121805)
436472.39	3710150.03	130.35708	(19120805)	436415.83	3710221.47	131.11750	(21090405)

436393.99 3710087.96 118.56895 (19120805) 436379.85
3710105.82 115.94798 (21090405)
436315.58 3710025.89 108.17804 (19120805) 436237.18
3709963.81 98.81402 (19120805)
436223.04 3709981.67 98.48743 (19120805) 436158.78
3709901.74 90.47005 (19120805)
436144.64 3709919.60 91.08398 (19120805) 436080.38
3709839.67 83.11047 (19120805)
436066.24 3709857.53 84.37506 (19120805) 436001.97
3709777.60 76.63223 (19120805)
435987.83 3709795.46 78.33854 (19120805) 435973.69
3709813.32 78.48292 (19120805)
435923.57 3709715.52 70.86812 (19120805) 435909.43
3709733.38 72.86406 (19120805)
435895.29 3709751.24 73.50498 (19120805) 435881.15
3709769.10 72.77654 (19120805)
435845.17 3709653.45 66.51388 (19120805) 435831.03
3709671.31 68.69919 (19120805)
435816.89 3709689.17 69.70207 (19120805) 435802.75
3709707.03 69.22180 (19120805)
436914.85 3710651.52 484.24099 (20030803) 436911.28
3710691.41 595.17384 (20030803)
436907.71 3710731.30 622.62240 (21090701) 436872.11
3710629.34 292.95969 (21120808)
436863.26 3710667.01 294.10900 (18010108) 436859.69
3710706.90 317.43979 (20030803)
436856.12 3710746.79 360.25071 (20030803) 436821.61
3710626.66 231.27653 (19011808)
436813.46 3710662.55 234.94623 (18011908) 436809.89
3710702.44 251.26188 (18010108)
436806.32 3710742.33 269.77498 (20050504) 436772.51
3710620.42 213.41455 (19011808)
436793.71 3710567.27 214.79483 (18012708) 436763.66
3710658.09 211.52462 (18011908)
436760.09 3710697.98 217.74289 (20122808) 436756.52
3710737.87 229.56640 (18010108)
436742.14 3710567.24 192.00609 (18031607) 436715.65
3710633.68 192.97550 (19011808)
436712.07 3710673.58 193.95826 (21012124) 436708.50
3710713.47 198.42859 (18011908)
436672.91 3710611.51 174.38141 (21011706) 436708.24
3710522.92 200.84241 (20020723)
436664.06 3710649.17 178.24486 (19011808) 436660.49
3710689.06 179.38002 (21012124)
436656.92 3710728.95 182.52336 (18011908) 436622.79
3710607.85 161.98575 (21012123)
436656.51 3710523.29 185.47732 (20020723) 436614.26
3710644.71 162.70034 (19011808)
436610.69 3710684.60 165.98442 (19011808) 436607.11
3710724.50 167.44441 (21012124)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	153.90038	(19011808)	436557.31	3710720.04	156.16899	(21011420)
436545.80	3710542.25	155.87448	(20020723)	436575.15	3710468.65	155.48918	(20020723)
436514.66	3710635.79	142.66236	(20020723)	436511.09	3710675.68	143.23192	(21011706)
436507.51	3710715.58	145.17972	(19011808)	436473.71	3710593.67	137.98518	(20020723)
436487.84	3710558.23	143.69856	(20020723)	436558.50	3710381.05	163.28145	(19121506)
436459.50	3710691.17	135.54260	(21011706)	436374.11	3710584.75	127.46760	(20020723)
436388.24	3710549.31	132.76758	(20020723)	436473.03	3710336.70	143.10168	(20112424)
436365.25	3710622.42	123.52069	(20020723)	436274.51	3710575.83	118.70297	(20020723)
436380.50	3710310.06	128.73943	(20112424)	436394.63	3710274.63	130.94863	(18121805)
436265.65	3710613.50	114.12321	(20020723)	436175.21			

3710566.14 111.15927 (20020723)
436278.44 3710307.31 119.18208 (19121506) 436293.19
3710270.33 115.48826 (20101104)
436307.93 3710233.35 120.94132 (18121805) 436166.05
3710604.58 106.43933 (20020723)
436162.48 3710644.47 99.82734 (18020722) 436075.57
3710557.31 104.23463 (20020723)
436178.31 3710299.72 110.52655 (19121506) 436192.98
3710262.92 108.36027 (20112424)
436207.66 3710226.12 108.91726 (20101104) 436066.45
3710595.66 99.85347 (20020723)
436062.88 3710635.55 92.71317 (18012918) 436059.31
3710675.44 91.93084 (17120201)
436012.49 3710456.82 90.58874 (20020723) 436078.28
3710291.86 102.29565 (19121506)
436092.90 3710255.20 101.74672 (20112424) 436107.52
3710218.54 98.76347 (20101104)
435968.63 3710566.80 96.07045 (20020723) 435965.06
3710606.69 90.75752 (20020723)
435961.49 3710646.58 85.35356 (18012918) 435905.47
3710466.52 86.95049 (20020723)
435971.05 3710302.07 93.12714 (19121506) 435985.63
3710265.53 95.58973 (19121506)
436000.20 3710228.99 94.69144 (20112424) 436014.77
3710192.44 91.71052 (20101104)
436029.35 3710155.90 95.18823 (20101104) 435869.03
3710557.88 90.48654 (20020723)
435865.46 3710597.77 85.77756 (20020723) 435861.89
3710637.66 78.87606 (18012918)
435805.77 3710457.84 80.00344 (20020723) 435834.85
3710384.94 84.03577 (21110503)
435871.19 3710293.82 85.30015 (19121506) 435885.72
3710257.37 89.00799 (19121506)
435900.26 3710220.92 89.05303 (20112424) 435914.79
3710184.47 86.61928 (20112424)
435929.33 3710148.02 87.63690 (20101104) 435769.43
3710548.96 85.48021 (20020723)
435765.86 3710588.85 81.57492 (20020723) 435762.29
3710628.74 75.63234 (17021608)
435706.09 3710449.12 74.29892 (21120204) 435735.10
3710376.38 78.97681 (21110503)
435771.36 3710285.46 77.64817 (19121506) 435785.87
3710249.09 82.61043 (19121506)
435800.37 3710212.72 83.93459 (19121506) 435814.87
3710176.35 83.07900 (20112424)
435829.38 3710139.99 79.39400 (20101104) 435843.88
3710103.62 83.47873 (20101104)
435668.04 3710559.99 80.02444 (20020723) 435664.47
3710599.88 76.01620 (20020723)
435660.90 3710639.77 77.05696 (17021608) 435599.18

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435561.30   3710630.85   74.90170 (17021608)   435478.02
3710503.66   84.32819 (20020723)
        435492.81   3710466.58   79.49738 (20020723)   435507.60
3710429.49   67.20681 (20020723)
        435522.39   3710392.41   66.46503 (21123108)   435566.76
3710281.16   69.28129 (21110503)
        435581.55   3710244.07   68.10321 (19121506)   435596.34
3710206.99   73.19558 (19121506)
        435611.13   3710169.90   74.85867 (19121506)   435625.92
3710132.82   74.41986 (20112424)

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        435640.71   3710095.73       70.95790  (20112424)              435655.50
3710058.65       72.77717  (20101104)
        435468.84   3710542.15       82.93772  (20020723)              435465.27
3710582.04       77.81576  (20020723)
        435461.70   3710621.93       72.61799  (17021608)              436915.73
3710783.44      648.75375  (19120804)
        436907.55   3710762.62      616.28614  (21090701)              436937.15
3710806.27      707.84927  (20051605)
        436880.10   3710817.46      424.07891  (19120804)              436860.47
3710777.12      375.22570  (21090701)
        436903.71   3710843.43      485.54893  (21111806)              436845.57
3710853.05      364.01385  (19120804)
        436825.93   3710824.73      342.90784  (21090701)              436813.66
3710793.51      320.31232  (20030803)
        436870.26   3710880.60      422.11264  (21111806)              436811.47
3710889.27      326.31494  (19120804)
        436790.52   3710859.06      308.99165  (21090701)              436766.96
3710810.65      276.17518  (20030803)
        436761.74   3710774.26      246.99467  (20050504)              436836.82
3710917.77      390.48022  (19120804)
        436777.58   3710925.81      323.15485  (19120804)              436755.76
3710894.34      280.13061  (21090701)
        436733.95   3710862.87      265.33980  (20030803)              436720.32
3710828.18      233.44182  (20030803)
        436714.88   3710790.27      223.09503  (20050504)              436709.44
3710752.37      208.51371  (18010108)
        436803.37   3710954.94      357.07195  (19120804)              436743.83
3710962.53      304.20962  (19120804)
        436721.38   3710930.16      269.93282  (21090701)              436698.94
3710897.79      246.44267  (20091403)
        436673.70   3710845.92      213.13287  (20050504)              436668.11
3710806.93      201.29115  (20050504)
        436662.51   3710767.94      189.81546  (18010108)              436769.93
3710992.10      314.88811  (19120804)
        436711.42   3711001.19      254.72579  (19120804)              436691.06
3710971.82      278.63559  (21090701)
        436670.69   3710942.45      245.39015  (20030803)              436650.33
3710913.08      220.19586  (20030803)
        436627.42   3710866.01      198.79969  (20050504)              436622.35
3710830.63      185.48992  (20050504)
        436617.27   3710795.25      175.14303  (18010108)              436612.19
3710759.87      172.38882  (21012022)
        436736.48   3711029.27      256.24090  (19120804)              436677.68
3711037.94      223.91734  (21090701)
        436656.74   3711007.73      241.40981  (21090701)              436635.79
3710977.52      238.63424  (20030803)
        436614.84   3710947.30      207.35417  (20030803)              436593.90
3710917.09      187.96751  (20050504)
        436580.81   3710883.79      184.46614  (20050504)              436575.59
3710847.40      168.88850  (18010108)
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        436570.37   3710811.01      163.87434  (20122808)               436565.15
3710774.62      161.59143  (21012022)
        436703.04   3711066.44      235.08647  (19120804)               436644.00
3711074.77      206.72571  (21090701)
        436622.58   3711043.87      211.94827  (21090701)               436601.16
3711012.97      205.25967  (20091403)
        436579.73   3710982.07      200.16238  (20030803)               436558.31
3710951.17      176.96905  (20050502)
        436534.22   3710901.66      170.33299  (20050504)               436528.88
3710864.45      157.56834  (18010108)
        436523.54   3710827.23      153.92886  (20122808)               436518.20
3710790.01      151.63325  (21012022)
        436512.85   3710752.79      148.57810  (21012124)               436669.59
3711103.60      218.27849  (19120804)
        436610.36   3711111.65      195.37074  (21090701)               436588.54
3711080.18      201.30287  (21090701)
        436566.72   3711048.70      194.02424  (20091403)               436544.90
3711017.23      186.75867  (20030803)
        436523.08   3710985.76      166.87699  (20050502)               436501.26
3710954.29      168.15301  (20050504)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        436487.63   3710919.60      157.36132  (20091405)               436482.19
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3710881.70      145.98262  (18120719)
        436476.75   3710843.79      144.65457  (21012022)              436471.31
3710805.88      142.84019  (18010320)
        436465.87   3710767.98      140.33745  (21012124)              436460.43
3710730.07      137.44007  (21011704)
        436636.15   3711140.77      205.55418  (19120804)              436543.15
3711185.53      173.19808  (21090701)
        436520.71   3711153.16      179.45021  (21090701)              436498.27
3711120.79      171.69254  (20091403)
        436475.83   3711088.42      169.69513  (20091403)              436453.38
3711056.05      153.05682  (20030803)
        436430.94   3711023.68      153.67546  (20050504)              436408.50
3710991.31      148.22264  (20050504)
        436394.48   3710955.63      135.77230  (21090404)              436388.89
3710916.64      130.14179  (18120719)
        436383.29   3710877.65      129.24345  (21012022)              436377.69
3710838.66      128.08025  (18010320)
        436372.10   3710799.67      126.32596  (21010123)              436366.50
3710760.68      124.61321  (21011704)
        436360.91   3710721.69      122.78812  (21011706)              436569.25
3711215.11      179.30559  (19120804)
        436476.70   3711260.50      153.50329  (21090701)              436455.14
3711229.40      160.30909  (21090701)
        436433.58   3711198.30      154.63244  (21031805)              436412.02
3711167.20      156.32040  (20091403)
        436390.45   3711136.10      148.60075  (20030803)              436368.89
3711105.00      136.79768  (21101622)
        436347.33   3711073.90      140.35158  (20050504)              436325.77
3711042.79      134.63885  (20091405)
        436301.52   3710992.96      120.77758  (21090404)              436296.14
3710955.50      116.43546  (18020901)
        436290.76   3710918.04      115.64538  (21012022)              436285.39
3710880.58      115.81557  (18010320)
        436280.01   3710843.12      114.62163  (21010123)              436274.64
3710805.66      114.16021  (21012201)
        436269.26   3710768.20      112.52660  (21011706)              436502.36
3711289.44      157.05331  (19120804)
        436409.57   3711334.48      137.74698  (21090701)              436387.52
3711302.68      144.96537  (21090701)
        436365.47   3711270.88      141.35871  (21090424)              436343.42
3711239.08      142.15854  (20091403)
        436321.37   3711207.27      138.08958  (20030803)              436299.33
3711175.47      126.45601  (21101622)
        436277.28   3711143.67      127.55615  (20050502)              436255.23
3711111.87      127.66537  (20050504)
        436233.18   3711080.07      119.87715  (20091405)              436208.38
3711029.11      106.54299  (21090404)
        436202.89   3710990.81      106.27911  (18123108)              436197.39
3710952.50      105.17884  (21012022)
        436191.89   3710914.19      105.15446  (18010320)              436186.39
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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):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436116.05	3711252.76	109.13901	(20050502)	436093.29	3711219.92	109.72901	(20050504)
436070.52	3711187.08	105.04110	(20091405)	436047.75	3711154.24	99.10102	(21090404)
436022.15	3711101.62	89.14295	(20122721)	436016.47	3711062.07	89.53305	(21010201)
436010.79	3711022.52	88.84628	(21012022)	436005.12	3710982.96	88.84162	(18010320)
435999.44	3710943.41	88.12863	(21010123)	435993.76	3710903.85	88.61849	(21011420)
435965.38	3710706.08	84.77254	(17121219)	436301.69	3711512.44	118.44771	(19120804)
436208.84	3711557.41	109.06197	(21090701)	436186.69	3711525.46	116.28860	(21090701)
436164.53	3711493.50	114.12725	(21090424)	436142.38	3711461.55	114.04234	(21031805)
436120.22	3711429.59	122.44108	(20091403)	436098.07	3711397.63	124.86123	(20030803)
436075.91	3711365.68	112.44091	(20030803)	436053.76	3711333.72	97.89174	(21101622)
436031.61	3711301.77	101.64591	(20050502)	436009.45	3711269.81	101.75222	(20050504)
435987.30	3711237.86	97.43747	(20091405)	435965.14	3711205.90	92.68558	(21090404)
435942.99	3711173.95	86.08961	(18010108)	435929.15	3711138.73	84.51107	(21011908)
435923.62	3711100.24	83.88991	(20122808)	435918.10	3711061.75	83.33319	(21120808)
435912.58	3711023.26	82.82173	(18011908)	435907.05	3710984.77	82.30141	(17021319)
435901.53	3710946.28	84.50566	(21012124)	435873.91	3710753.83	82.28575	(18012708)
435868.39	3710715.34	78.83881	(18031607)	435862.87	3710676.85	78.33499	(18020722)
436234.80	3711586.78	109.32790	(19120804)	436141.81	3711631.54	103.25249	(21090701)
436119.37	3711599.17	109.84572	(21090701)	436096.92	3711566.80	107.47642	(21090701)
436074.48	3711534.43	108.63276	(21031805)	436052.04	3711502.06	118.90769	(20091403)
436029.60	3711469.69	123.84039	(20030803)	436007.15	3711437.32	118.15130	(20030803)

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        435984.71   3711404.95      102.78394  (20030803)               435962.27
3711372.58       97.31790  (20050502)
        435939.83   3711340.21       97.58819  (20050504)               435917.38
3711307.84       94.25005  (20050504)
        435894.94   3711275.47       87.56487  (21090404)               435872.50
3711243.10       83.86902  (21090404)
        435850.06   3711210.73       84.33860  (18010108)               435836.04
3711175.05       83.21733  (21011908)
        435830.44   3711136.06       82.11430  (20122808)               435824.85
3711097.07       82.29913  (21120808)
        435819.25   3711058.08       78.89004  (18011908)               435813.66
3711019.09       77.11062  (17021319)
        435808.06   3710980.10       78.63637  (21012124)               435802.47
3710941.11       82.78510  (19011808)
        435780.09   3710785.15       86.34320  (18012708)               435774.49
3710746.16       80.20082  (18012708)
        435768.89   3710707.17       77.71849  (19010608)               435763.30
3710668.18       76.49739  (17031607)
        436167.91   3711661.11      104.45867  (19120804)               436074.79
3711705.69      118.78085  (21090701)
        436052.10   3711672.96      126.36996  (21090701)               436029.41
3711640.23      122.88816  (21090701)
        436006.72   3711607.50      123.60246  (21031805)               435984.03
3711574.77      120.64463  (20091403)
        435961.33   3711542.04      123.47514  (20030803)               435938.64
3711509.31      123.76575  (20030803)
        435915.95   3711476.58      110.55511  (20030803)               435893.26
3711443.85       97.98419  (20050502)
        435870.57   3711411.12       95.67973  (20050504)               435847.88
3711378.39       94.56383  (20050504)
        435825.18   3711345.66       88.60971  (20091405)               435802.49
3711312.93       81.93906  (21090404)
        435779.80   3711280.20       84.80956  (18010108)               435757.11
3711247.47       86.00795  (18010108)
        435742.93   3711211.40       86.22463  (20120408)               435737.28
3711171.98       85.41012  (20122808)
        435731.62   3711132.55       83.96838  (21120808)               435725.96
3711093.13       77.06345  (18011908)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
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L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	73.94152	(17060406)	435714.65	3711014.28	74.47971	(21012124)
435692.02	3710856.59	82.33758	(18012708)	435686.36	3710817.17	86.55870	(18012708)
435680.70	3710777.75	83.79424	(18012708)	435675.04	3710738.33	76.95667	(19010608)
435669.39	3710698.90	76.48715	(17031607)	436101.02	3711735.45	115.40775	(19120804)
436008.14	3711780.37	112.43175	(21090701)	435985.92	3711748.33	120.41411	(21090701)
435963.71	3711716.28	121.97210	(21090701)	435941.49	3711684.24	122.82064	(21031805)
435919.28	3711652.20	120.62609	(20091403)	435897.06	3711620.15	125.19611	(20091403)
435874.85	3711588.11	123.97881	(20030803)	435852.63	3711556.07	117.91421	(20030803)
435830.41	3711524.02	107.29096	(21101622)	435808.20	3711491.98	107.93473	(20050502)
435785.98	3711459.94	109.63944	(20050504)	435763.77	3711427.89	105.82576	(20050504)
435741.55	3711395.85	93.83366	(20091405)	435719.34	3711363.81	82.73491	(21120706)
435697.12	3711331.76	86.79550	(18010108)	435674.91	3711299.72	87.18378	(18010108)
435649.92	3711248.38	83.71699	(20120408)	435644.38	3711209.79	83.34725	(20122808)
435638.84	3711171.19	82.26593	(21120808)	435633.30	3711132.59	76.19158	(18011908)
435627.76	3711094.00	72.48422	(17060406)	435622.23	3711055.40	72.25016	(21012124)
435616.69	3711016.81	76.66515	(21011420)	435611.15	3710978.21	81.50271	(19011808)
435605.61	3710939.62	83.25251	(19011808)	435600.07			

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3710901.02       82.09838  (19011808)
        435594.53   3710862.42       80.96620  (18012708)                435588.99
3710823.83       83.80310  (18012708)
        435583.45   3710785.23       80.71547  (18012708)                435577.92
3710746.64       74.39458  (19010608)
        435572.38   3710708.04       73.27623  (17031607)                435566.84
3710669.45       72.87442  (17031607)
        436034.13   3711809.78      106.90049  (19120804)                435941.13
3711854.54      101.55837  (21090701)
        435918.69   3711822.17      112.08213  (21090701)                435896.25
3711789.80      114.02228  (21090701)
        435873.81   3711757.43      114.37228  (21031805)                435851.37
3711725.06      113.84347  (21031805)
        435828.92   3711692.69      118.90204  (20091403)                435806.48
3711660.32      117.29993  (20091403)
        435784.04   3711627.95      113.95611  (20030803)                435761.60
3711595.58      104.39285  (20030803)
        435739.15   3711563.21      101.64592  (21101622)                435716.71
3711530.84      106.53483  (20050502)
        435694.27   3711498.47      107.74586  (20050504)                435671.83
3711466.10      102.83404  (20050504)
        435649.39   3711433.73       95.09991  (20091405)                435626.94
3711401.36       90.44440  (21090404)
        435604.50   3711368.99       87.60427  (21090404)                435582.06
3711336.62       79.16572  (21011506)
        435556.82   3711284.75       79.08823  (18020901)                435551.22
3711245.76       79.69081  (21010201)
        435545.63   3711206.77       79.58286  (21012022)                435540.03
3711167.78       78.66993  (18011908)
        435534.44   3711128.80       74.80999  (17060406)                435528.84
3711089.81       75.04421  (21012124)
        435523.25   3711050.82       76.94596  (21011420)                435517.65
3711011.83       79.94691  (19011808)
        435512.06   3710972.84       82.12790  (19011808)                435506.46
3710933.85       80.83557  (19011808)
        435500.86   3710894.86       79.22530  (21011706)                435495.27
3710855.87       78.67302  (18012708)
        435489.67   3710816.88       79.05187  (18012708)                435484.08
3710777.89       73.02045  (18012708)
        435478.48   3710738.90       71.08502  (19010608)                435472.89
3710699.91       70.57671  (17031607)
        435467.29   3710660.92       69.94796  (17021608)                435967.24
3711884.12       93.91680  (19120804)
        436207.69   3711246.88      114.73383  (20030803)                436113.01
3711283.43      104.29006  (20050502)
        436027.25   3711334.86       98.26256  (20050502)                435941.49
3711386.29       97.84130  (20050502)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** 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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435855.73	3711437.72	102.15260	(20050502)	435769.97	3711489.16	109.05343	(20050502)
435684.21	3711540.59	105.80709	(20050502)	436976.59	3710831.32	638.30116	(19021217)
436963.10	3710877.99	507.28841	(21020622)	436925.91	3710862.92	560.79702	(20070405)
436980.21	3710926.56	464.11557	(17102803)	436942.21	3710924.20	484.18579	(20101803)
436908.75	3710910.64	494.46932	(20101803)	436967.77	3710973.29	437.05402	(20120702)
436925.55	3710970.67	433.58144	(19071305)	436888.37	3710955.61	411.38531	(20070405)
436976.14	3711021.32	404.88888	(20120702)	436953.53	3711019.92	394.31135	(20120702)
436908.29	3711017.11	381.91664	(19071305)	436868.45	3711000.97	366.47001	(20070405)
436851.23	3710986.24	369.41840	(20070405)	436834.01	3710971.50	372.31904	(21111806)
436930.23	3711065.98	364.22072	(18101320)	436850.83	3711048.29	277.43507	(20101803)
436818.68	3711020.79	301.43803	(21111806)	436892.46	3711111.14	315.18824	(18101320)
436831.25	3711093.95	248.11057	(20101803)	436797.50	3711065.07	260.82863	(20070405)

```
        436763.75   3711036.20      258.77004  (21111806)              436990.56
3711164.74      309.43913  (19120806)
        436811.82   3711139.73      233.20090  (20101803)              436794.29
3711124.73      235.90155  (20070405)
        436776.75   3711109.73      245.19274  (20070405)              436759.22
3711094.73      241.52485  (20051605)
        436741.69   3711079.72      240.60272  (20092402)              436985.96
3711211.96      290.78246  (19120806)
        436876.35   3711205.15      243.08173  (18101320)              436832.50
3711202.43      207.83548  (17100222)
        436793.89   3711186.79      219.41149  (20101803)              436760.51
3711158.23      228.60052  (20070405)
        436727.13   3711129.67      224.26702  (21111806)              436693.75
3711101.11      221.81157  (19120804)
        436972.76   3711258.65      277.68323  (19120806)              436950.14
3711257.25      265.78772  (19120806)
        436927.52   3711255.84      253.57442  (20120702)              436904.90
3711254.44      241.80514  (18101320)
        436882.28   3711253.03      233.16273  (18101320)              436859.66
3711251.63      221.93312  (18101320)
        436837.05   3711250.22      207.10944  (18101320)              436740.15
3711203.21      214.25375  (20070405)
        436722.93   3711188.48      215.95572  (20051605)              436705.71
3711173.75      208.56992  (21111806)
        436688.49   3711159.02      212.27035  (20092402)              436671.27
3711144.28      205.42761  (19120804)
        436636.83   3711114.82      203.87213  (19120804)              436955.44
3711352.59      228.41232  (19120806)
        436910.73   3711349.81      201.71693  (20120702)              436866.03
3711347.04      188.42123  (18101320)
        436821.32   3711344.26      186.02299  (19071305)              436686.20
3711281.86      192.28733  (20070405)
        436652.16   3711252.74      184.93650  (21111806)              436618.13
3711223.62      182.74541  (20092402)
        436584.09   3711194.50      184.60062  (19120804)              437049.21
3711453.43      206.66158  (19021501)
        436916.22   3711445.17      173.75860  (19120806)              436871.88
3711442.42      172.37138  (20120702)
        436827.55   3711439.66      169.91547  (18101320)              436783.22
3711436.91      169.19742  (19071305)
        436615.47   3711346.15      169.52376  (20051605)              436581.72
3711317.28      170.34400  (20092402)
        436547.97   3711288.40      166.64602  (19120804)              436514.22
3711259.52      158.33453  (19120804)
        436480.47   3711230.65      163.27573  (21090701)              437093.71
3711551.21      211.79987  (20121401)
        437070.68   3711549.78      210.49994  (20121401)              437047.65
3711548.35      218.81714  (19021501)
        437024.62   3711546.92      214.96538  (19021501)              436886.44
3711538.34      157.86202  (19120806)
```

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436556.45   3711420.46   150.01926 (21120223)   436538.91
3711405.46   152.85732 (20092402)
        436521.38   3711390.46   151.95733 (20092402)   436503.85
3711375.46   147.31683 (20070301)
        436486.32   3711360.46   150.43629 (19120804)   436468.78
3711345.46   148.62920 (19120804)
        436451.25   3711330.46   142.86581 (18070905)   436433.72
3711315.46   139.95576 (21090701)
        436416.18   3711300.46   147.05962 (21090701)   437208.16
3711550.97   140.63478 (19120802)
        437166.02   3711650.72   194.77527 (20081206)   437143.22
3711649.30   198.26056 (20081206)
        437120.42   3711647.89   201.38688 (20121401)   437097.62
3711646.47   199.86089 (20121401)
        437074.82   3711645.05   183.27587 (20121401)   437052.02

3711643.64 172.85745 (19021501)
437029.22 3711642.22 169.87423 (19021501) 437006.42
3711640.81 164.60931 (19021501)
436846.83 3711630.89 143.68707 (20120702) 436824.03
3711629.48 145.41818 (20120702)
436801.23 3711628.06 141.91400 (20120702) 436778.43
3711626.65 140.03372 (19070105)
436755.63 3711625.23 140.16701 (19071305) 436732.83
3711623.81 143.77488 (19071305)
436572.20 3711558.75 137.71353 (20070405) 436537.49
3711529.05 142.76418 (20051605)
436502.77 3711499.35 135.35833 (21120223) 436485.41
3711484.49 139.17449 (20092402)
436468.06 3711469.64 137.94952 (20092402) 436450.70
3711454.79 133.35578 (20070301)
436433.34 3711439.94 136.88489 (19120804) 436415.98
3711425.09 138.03725 (19120804)
436398.63 3711410.24 134.35599 (19120804) 436381.27
3711395.39 126.63393 (18070905)
436363.91 3711380.54 131.99727 (21090701) 436346.55
3711365.69 136.66074 (21090701)
436329.20 3711350.84 135.86613 (21090701) 437211.62
3711653.55 161.66338 (19120802)
437233.95 3711647.59 140.95758 (19120802) 437214.79
3711748.76 142.51907 (19120802)
437192.17 3711747.36 161.23380 (19082902) 437169.55
3711745.95 173.94035 (20081206)
437146.93 3711744.55 181.19428 (20081206) 437124.32
3711743.14 185.60369 (20121401)
437101.70 3711741.74 185.41084 (20121401) 437079.08
3711740.33 177.32281 (20121401)
437056.46 3711738.93 168.95809 (19021501) 437033.84
3711737.53 169.50281 (19021501)
437011.22 3711736.12 163.09458 (19021501) 436988.60
3711734.72 149.82078 (19021501)
436965.98 3711733.31 136.39688 (18061301) 436852.89
3711726.29 133.36554 (19120806)
436830.27 3711724.88 132.16556 (20120702) 436807.65
3711723.48 134.79765 (20120702)
436785.04 3711722.07 132.32567 (20120702) 436762.42
3711720.67 126.81988 (17102803)
436739.80 3711719.26 128.49255 (19070105) 436717.18
3711717.86 129.57422 (19071305)
436500.77 3711622.44 130.65873 (20070405) 436483.55
3711607.71 130.68000 (20051605)
436466.33 3711592.97 127.83400 (21120223) 436449.11
3711578.24 123.95878 (21111806)
436431.89 3711563.51 127.21381 (20092402) 436414.67
3711548.77 126.03582 (20092402)
436397.45 3711534.04 121.00531 (20070301) 436380.23

3711519.31   128.43333 (19120804)
        436363.01   3711504.58   132.04477 (19120804)   436345.79
3711489.84   129.18988 (19120804)
        436328.57   3711475.11   121.76477 (19120804)   436311.35
3711460.38   117.44142 (21090701)
        436294.13   3711445.64   124.98143 (21090701)   436276.91
3711430.91   128.35897 (21090701)
        436259.69   3711416.18   127.49132 (21090701)   436139.16
3711313.05   113.90447 (20030803)
        437237.41   3711750.17   122.54816 (19120802)   437259.74
3711744.21   116.81846 (19120802)
        437240.72   3711845.39   120.48440 (19120802)   437218.25
3711843.99   139.22620 (19120802)
        437195.78   3711842.60   142.76418 (19072204)   437173.31
3711841.20   143.95886 (19082904)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437016.00   3711831.43      169.67816  (19021501)              436993.52
3711830.04      163.35155  (19021501)
        436971.05   3711828.64      149.16513  (19021501)              436948.58
3711827.25      134.17604  (18061301)
        436813.74   3711818.87      122.85728  (19120806)              436791.27
3711817.48      124.43496  (20120702)
        436768.80   3711816.08      123.34229  (20120702)              436746.32
3711814.69      117.87902  (20120702)
        436723.85   3711813.29      118.15521  (19070105)              436701.38
3711811.89      118.58525  (18101320)
        436678.91   3711810.50      120.29014  (19071305)              436446.78
3711701.06      119.83009  (20051605)
        436412.57   3711671.78      116.48611  (21120223)              436378.35
3711642.50      117.16788  (20092402)
        436361.24   3711627.87      116.05188  (20092402)              436327.02
3711598.59      120.67670  (19120804)
        436292.81   3711569.32      122.14805  (19120804)              436258.59
3711540.04      108.00462  (18070905)
        436224.37   3711510.76      117.35953  (21090701)              436190.15
3711481.49      117.19807  (21090701)
        436173.04   3711466.85      116.64034  (21031805)              436053.28
3711364.39      104.45533  (20030803)
        437263.20   3711846.79      108.86137  (19120802)              437285.53
3711840.83      104.50937  (19120802)
        437265.95   3711941.97      130.42804  (19120802)              437242.92
3711940.54      136.95453  (19120802)
        437219.89   3711939.11      135.51066  (19082902)              437196.86
3711937.68      134.90155  (19072204)
        437173.83   3711936.25      137.83381  (19082904)              437150.80
3711934.82      146.85283  (20121401)
        437127.77   3711933.39      158.68539  (20121401)              437104.74
3711931.96      162.47508  (20121401)
        437081.72   3711930.53      159.26778  (20121401)              437058.69
3711929.10      153.29196  (21082303)
        437035.66   3711927.67      157.87855  (19021501)              437012.63
3711926.24      159.54905  (19021501)
        436989.60   3711924.81      155.39274  (19021501)              436966.57
3711923.38      146.54745  (19021501)
        436943.54   3711921.95      134.98450  (18061301)              436920.51
3711920.52      127.22937  (18061301)
        436782.33   3711911.94      114.38499  (20120702)              436759.30
3711910.51      115.79560  (20120702)
        436736.27   3711909.08      113.08585  (20120702)              436713.24
3711907.65      108.37642  (17102803)
        436690.21   3711906.22      110.44273  (18101320)              436667.18
3711904.79      112.52859  (18101320)
        436406.27   3711791.20      115.88517  (20070405)              436388.74
3711776.20      115.01583  (20051605)
        436371.20   3711761.20      110.13677  (20051605)              436353.67
3711746.20      113.39409  (21111806)
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        436336.14   3711731.20      116.84661  (21111806)               436318.61
3711716.20      114.08510  (21111806)
        436301.07   3711701.20      108.46728  (21111806)               436283.54
3711686.19      109.54386  (19120804)
        436266.01   3711671.19      115.14911  (19120804)               436248.47
3711656.19      116.98060  (19120804)
        436230.94   3711641.19      115.14495  (19120804)               436213.41
3711626.19      109.65006  (19120804)
        436195.88   3711611.19      100.85703  (19120804)               436178.34
3711596.19      104.75861  (21090701)
        436160.81   3711581.19      110.26150  (21090701)               436143.28
3711566.19      112.37173  (21090701)
        436125.74   3711551.19      110.88338  (21090701)               436108.21
3711536.19      109.95695  (21031805)
        435985.48   3711431.18      112.33554  (20030803)               437288.98
3711943.40      115.50693  (19120802)
        437311.31   3711937.44      101.86786  (19120802)               437291.90
3712038.60      125.65075  (21020924)
        437269.03   3712037.18      139.84869  (18052306)               437246.16
3712035.76      142.35721  (18052306)
        437223.29   3712034.34      138.70442  (19082902)               437200.42
3712032.92      138.63060  (20081206)
        437177.55   3712031.50      143.81956  (20081206)               437154.68
3712030.08      147.95524  (20081206)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 457
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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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):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935

, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436090.44	3711770.60	118.39510	(19120804)	436073.13	3711755.79	109.98895	(19120804)
436055.83	3711740.98	113.12474	(21090701)	436038.52	3711726.17	120.22681	(21090701)
436021.21	3711711.36	124.42273	(21090701)	436003.90	3711696.56	125.70976	(21090701)
435986.59	3711681.75	124.27116	(21090701)	435969.29	3711666.94	125.23604	(21031805)
435951.98	3711652.13	124.03048	(21031805)	435830.82	3711548.47	111.38274	(20030803)
435796.21	3711518.86	104.52696	(20050502)	437340.56	3712136.64	116.29544	(21020924)
437343.73	3712231.85	115.77463	(21020924)	437298.49	3712229.04	122.10603	(18052306)
437275.87	3712227.64	124.13827	(18052306)	437253.25	3712226.23	123.53293	(18052306)
437230.64	3712224.83	122.21373	(19082902)	437208.02	3712223.42	124.99766	(20081206)
437185.40	3712222.02	129.79127	(20081206)	437162.78	3712220.61	131.65296	(20081206)
437140.16	3712219.21	133.30998	(21091105)	437117.54	3712217.80	132.59086	(21091105)
437094.92	3712216.40	131.48564	(20121401)	437072.31	3712214.99	127.26715	(20121401)
437049.69	3712213.59	121.18418	(21082303)	437004.45	3712210.78	115.31018	(19021501)
436959.21	3712207.97	97.27554	(19021501)	436936.59	3712206.57	91.99958	(20050503)
436913.98	3712205.16	92.90837	(18061301)	436891.36	3712203.76	93.17782	(18061301)
436868.74	3712202.35	90.63804	(18061301)	436846.12	3712200.95	89.82568	(20091402)
436823.50	3712199.54	90.84382	(21121219)	436710.41	3712192.52	95.99573	(20120702)
436687.79	3712191.11	96.35581	(20120702)	436665.17	3712189.71	93.99563	(20120702)
436642.55	3712188.31	88.95062	(20090502)	436619.93	3712186.90	90.93050	(18101320)

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        436597.31   3712185.50       92.62408  (18101320)                436574.70
3712184.09       93.08145  (18101320)
        436552.08   3712182.69       91.66881  (18101320)                436529.46
3712181.28       91.30505  (19071305)
        436506.84   3712179.88       88.44623  (19071305)                436484.22
3712178.47       86.66661  (21060824)
        436461.60   3712177.07       87.91316  (17100222)                436438.98
3712175.66       87.91952  (17100222)
        436399.15   3712159.53       89.55517  (20101803)                436381.93
3712144.79       89.91963  (20101803)
        436364.71   3712130.06       88.68133  (19082401)                436347.49
3712115.33       87.34329  (19082401)
        436330.27   3712100.59       83.75311  (19082401)                436313.05
3712085.86       86.98072  (20070405)
        436295.83   3712071.13       92.36316  (20070405)                436278.61
3712056.40       95.21925  (20070405)
        436261.39   3712041.66       95.42056  (20070405)                436244.17
3712026.93       94.90463  (20051605)
        436226.95   3712012.20       91.67266  (20051605)                436209.73
3711997.46       91.49023  (21111806)
        436192.51   3711982.73       93.30833  (21111806)                436175.29
3711968.00       93.11640  (21111806)
        436158.07   3711953.27       92.04347  (21111806)                436140.85
3711938.53       89.90482  (21111806)
        436123.63   3711923.80       91.77499  (19120804)                436106.41
3711909.07      103.57969  (19120804)
        436089.19   3711894.33      110.38501  (19120804)                436071.97
3711879.60      112.17039  (19120804)
        436054.75   3711864.87      110.79786  (19120804)                436037.53
3711850.14      106.76038  (19120804)
        436020.31   3711835.40      101.97305  (19120804)                436003.09
3711820.67       98.02503  (21090701)
        435985.87   3711805.94      106.42138  (21090701)                435968.65
3711791.20      112.71684  (21090701)
        435951.43   3711776.47      115.95589  (21090701)                435934.21
3711761.74      117.26481  (21090701)
        435916.99   3711747.01      115.20848  (21090701)                435899.77
3711732.27      116.62898  (21031805)
        435882.55   3711717.54      116.81389  (21031805)                435865.34
3711702.81      115.69807  (20091403)
        435727.58   3711584.95      102.09467  (21101622)                435710.36
3711570.21      101.93289  (20050502)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 459
 *** 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): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436970.60	3710769.10	1250.28260	(19021217)	436955.72	3710755.71	976.98477	(19021217)
436964.65	3710655.98	903.57141	(19020217)	437021.21	3710584.54	1129.62889	(20120708)
437018.23	3710502.68	907.73985	(20120708)	437036.09	3710435.70	705.51232	(20120708)
437094.14	3710349.37	400.91445	(17022717)	437061.39	3710282.39	277.55077	(20120708)
437037.58	3710213.93	247.21132	(20122418)	437036.09	3710167.79	246.95182	(20122418)
437070.32	3710115.69	176.71477	(17021218)	437123.91	3710072.53	236.32960	(17022717)
437222.14	3710135.04	192.25017	(20090918)	437186.42	3710196.07	240.74624	(18120916)
437176.00	3710245.18	305.48997	(17022717)	437195.35	3710271.98	376.44869	(20090918)
437262.33	3710316.63	453.11625	(20090918)	437296.56	3710364.26	438.28848	(20041418)
437295.07	3710425.28	407.37871	(20041418)	437305.49	3710466.96	400.25919	(21101617)
437274.24	3710557.75	623.11011	(21101617)	437244.47	3710642.59	639.20350	(17070719)
437260.84	3710791.43	498.15130	(17070719)	437210.23	3710813.76	441.04420	(20022307)
437162.60	3710772.08	705.30999	(19021217)	437001.86	3710778.03	869.75902	(19021217)
436979.53	3710783.99	1063.77149	(19021217)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437003.71	3710828.00	180.97152	(18080424)	437026.67	3710827.15	150.13806	(20082305)
437049.64	3710826.30	123.69912	(17102724)	437072.60	3710825.45	105.35029	(21110819)
437095.56	3710824.60	93.41436	(20050801)	437118.52	3710823.75	84.45618	(21081204)
437141.49	3710822.90	76.91584	(21081204)	437164.45	3710822.05	69.48391	(21081203)
437005.56	3710877.96	131.66220	(17052803)	437028.52	3710877.11	120.87981	(20052322)
437051.48	3710876.26	108.25657	(20122620)	437074.45	3710875.41	96.61177	(21092306)
437097.41	3710874.56	86.68286	(18030724)	437120.37	3710873.71	79.18262	(18102705)
437143.34	3710872.86	72.41835	(20082924)	437166.30	3710872.01	65.80436	(21081204)
437007.41	3710927.93	116.70212	(21081423)	437030.37	3710927.08	96.87781	(21110320)
437053.33	3710926.23	91.01107	(20101722)	437076.30	3710925.38	83.96492	(19083006)
437099.26	3710924.53	78.70884	(21092306)	437122.22	3710923.68	72.45624	(21092306)

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        437145.19   3710922.83       67.03932  (20050801)               437168.15
3710921.98       62.61760  (20082924)
        437009.26   3710977.89      132.63265  (19092301)               437032.22
3710977.04       88.64175  (17052803)
        437055.18   3710976.19       76.21712  (18032921)               437078.15
3710975.34       72.48547  (20010918)
        437101.11   3710974.49       68.31592  (17031621)               437124.07
3710973.64       65.67171  (21092306)
        437147.04   3710972.79       61.06928  (20102819)               437170.00
3710971.94       57.50524  (18100501)
        437011.11   3711027.86      112.65110  (19092301)               437034.07
3711027.01       78.76279  (21061401)
        437057.03   3711026.16       64.76672  (18080424)               437080.00
3711025.31       62.36658  (21110320)
        437102.96   3711024.46       59.95572  (19083006)               437125.92
3711023.61       58.11101  (17102724)
        437148.88   3711022.76       55.91399  (18030724)               437171.85
3711021.91       52.39097  (21071304)
        437012.96   3711077.82      104.99225  (19072204)               437035.92
3711076.97       97.97087  (17010717)
        437058.88   3711076.12       81.21144  (18081403)               437081.85
3711075.27       56.69672  (20082305)
        437104.81   3711074.42       53.16471  (20122620)               437127.77
3711073.57       51.34956  (19032701)
        437150.73   3711072.72       50.22702  (19032701)               437173.70
3711071.87       48.10548  (18030724)
        437014.81   3711127.79       95.10160  (21082303)               437037.77
3711126.94       95.00282  (21051802)
        437060.73   3711126.09       90.43179  (18120724)               437083.70
3711125.24       78.64393  (20091401)
        437106.66   3711124.39       50.89796  (20072024)               437129.62
3711123.54       45.70048  (20090402)
        437152.58   3711122.69       44.38108  (21112920)               437175.55
3711121.84       43.61936  (19032701)
        437016.66   3711177.76       85.45558  (21082303)               437039.62
3711176.91       86.53398  (20121401)
        437062.58   3711176.06       85.17823  (21020924)               437085.54
3711175.21       74.43208  (19050805)
        437108.51   3711174.36       52.41152  (21051106)               437131.47
3711173.51       40.80518  (21112920)
        437154.43   3711172.66       39.90591  (19052501)               437177.40
3711171.81       39.28179  (21092306)
        437018.51   3711227.72       76.72246  (21082303)               437041.47
3711226.87       78.20211  (18052306)
        437064.43   3711226.02       77.46479  (19072204)               437087.39
3711225.17       74.77844  (18112618)
        437110.36   3711224.32       63.69534  (21051801)               437133.32
3711223.47       40.20984  (20072024)
        437156.28   3711222.62       36.16929  (18080501)               437179.25
3711221.77       35.62319  (21112920)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	52.96430	(17052803)	437047.02	3711376.77	51.59530	(19082902)
437069.98	3711375.92	52.18972	(20092002)	437092.94	3711375.07	51.54186	(21110820)
437115.91	3711374.22	50.24423	(21081403)	437138.87	3711373.37	46.57367	(20091506)
437161.83	3711372.52	27.56615	(20072024)	437184.79	3711371.67	27.22736	(18080501)
437027.75	3711477.55	49.67821	(21061124)	437050.72	3711476.70	43.57207	(20091303)
437073.68	3711475.85	37.03195	(20030604)	437096.64	3711475.00	31.15261	(18032921)
437119.61	3711474.15	28.21091	(19091403)	437142.57			

3711473.30 25.45996 (19082004)
437165.53 3711472.45 23.59400 (20082305) 437188.49
3711471.60 23.30806 (19091403)
437031.45 3711577.48 42.06281 (19072204) 437054.42
3711576.63 46.94448 (19082902)
437077.38 3711575.78 47.66803 (18120724) 437100.34
3711574.93 46.58503 (19072204)
437123.30 3711574.08 40.19523 (21110820) 437146.27
3711573.23 30.87143 (21051106)
437169.23 3711572.38 22.51781 (21051106) 437192.19
3711571.53 21.09811 (20072024)
437035.15 3711677.41 34.26254 (19072204) 437058.11
3711676.56 37.96811 (19082902)
437081.08 3711675.71 41.87222 (20091505) 437104.04
3711674.86 42.56591 (18112618)
437127.00 3711674.01 43.10100 (19120802) 437149.97
3711673.16 42.31750 (20091506)
437172.93 3711672.31 40.18416 (19110724) 437195.89
3711671.46 35.52081 (19071603)
437038.85 3711777.35 34.78006 (19072204) 437061.81
3711776.50 36.55687 (18052306)
437084.78 3711775.65 38.43662 (19082904) 437107.74
3711774.80 38.97209 (18112618)
437130.70 3711773.95 37.80179 (21020924) 437153.67
3711773.10 37.19667 (18112618)
437176.63 3711772.25 34.28077 (19110724) 437199.59
3711771.40 30.66112 (21081403)
437042.55 3711877.28 33.45670 (20030604) 437065.51
3711876.43 33.81659 (17010717)
437088.48 3711875.58 33.09436 (21051802) 437111.44
3711874.73 32.07134 (19050805)
437134.40 3711873.88 30.66032 (19072204) 437157.36
3711873.03 28.48733 (21110820)
437180.33 3711872.18 27.50808 (19050805) 437203.29
3711871.33 26.79602 (21110820)
437046.25 3711977.21 29.49432 (19072204) 437069.21
3711976.36 30.09705 (20091303)
437092.17 3711975.51 31.88451 (19110724) 437115.14
3711974.66 31.98044 (21061124)
437138.10 3711973.81 31.39361 (19072204) 437161.06
3711972.96 29.11627 (18052306)
437184.03 3711972.11 27.43471 (19050805) 437206.99
3711971.26 27.17395 (18112618)
437049.95 3712077.14 25.36986 (19072204) 437072.91
3712076.29 26.59599 (17010717)
437095.87 3712075.44 28.31226 (19110724) 437118.84
3712074.59 28.67902 (18120724)
437141.80 3712073.74 29.46410 (18112618) 437164.76
3712072.89 30.58479 (18112618)
437187.73 3712072.04 29.69953 (18101407) 437210.69

3712071.19   28.63732 (21051802)
        437053.65   3712177.07   24.09573 (20030604)   437076.61
3712176.22   24.97132 (19082902)
        437099.57   3712175.37   26.23376 (19110724)   437122.54
3712174.52   26.44617 (20091505)
        437145.50   3712173.67   27.73461 (19120802)   437168.46
3712172.82   28.31898 (19120802)
        437191.42   3712171.97   28.06386 (19120802)   437214.39
3712171.12   27.07792 (19120802)
        437057.35   3712277.00   22.81756 (20030604)   437080.31
3712276.15   23.23684 (20091303)
        437103.27   3712275.30   23.99511 (19110724)   437126.24
3712274.45   24.65068 (19082904)
        437149.20   3712273.60   25.57566 (19120802)   437172.16
3712272.75   26.03981 (18101407)
        437195.12   3712271.90   26.36505 (18112618)   437218.09
3712271.05   25.64509 (18112618)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437045.60   3711001.90       71.29695  (18080424)               436965.04
3710997.84      130.93493  (19092301)
        436932.11   3711035.47      117.58930  (20070506)               436963.86
3711063.26      108.71886  (20121401)
        436899.18   3711073.10      101.31806  (19070105)               436930.94
3711100.89       98.37604  (19021501)
        436866.26   3711110.73       73.98784  (19090606)               436898.01
3711138.51       74.07192  (19082003)
        436833.33   3711148.35       67.57593  (20090502)               436865.08
3711176.14       64.44090  (19052823)
        436767.48   3711223.61       57.39056  (19082401)               436799.23
3711251.40       55.46449  (21121618)
        436701.62   3711298.86       46.20641  (17010206)               436733.38
3711326.65       47.88882  (18101320)
        436635.77   3711374.12       39.14233  (19120723)               436667.52
3711401.90       41.02774  (21020622)
        436569.92   3711449.37       34.61427  (21120223)               436601.67
3711477.16       33.02538  (20020821)
        436504.06   3711524.63       29.85135  (21051023)               436535.82
3711552.41       30.72641  (20051605)
        436438.21   3711599.88       27.35680  (18071824)               436469.96
3711627.67       25.73509  (20100707)
        436372.35   3711675.14       25.17167  (19070106)               436404.11
3711702.92       23.80731  (21051023)
        436306.50   3711750.39       25.55890  (21070203)               436338.25
3711778.18       23.08639  (21010520)
        436240.65   3711825.65       26.57292  (21070203)               436272.40
3711853.43       23.26422  (20092402)
        436174.79   3711900.90       21.27730  (20051605)               436206.55
3711928.69       20.19474  (20092402)
        437216.54   3710861.35       51.35791  (19061704)               437247.28
3710852.06       43.21790  (19061704)
        437281.02   3710837.18       33.41149  (18071405)               437236.73
3710907.09       47.51684  (21092124)
        437208.99   3710910.77       54.02839  (21092124)               437157.06
3710894.91       67.23137  (18071405)
        437267.47   3710897.81       40.31371  (20050801)               437301.21
3710882.92       33.49245  (20050801)
        437254.14   3710953.20       44.45355  (20050801)               437220.85
3710957.62       50.69172  (21092124)
        437157.12   3710947.88       61.86950  (18100501)               437287.65
3710943.55       37.29141  (18102705)
        437321.39   3710928.67       30.75392  (18052223)               437275.11
3710998.84       40.70122  (20050801)
        437243.41   3711003.05       45.67437  (21081203)               437211.71
3711007.26       49.24670  (20082924)
        437151.01   3710997.98       58.22149  (20102819)               437307.83
3710989.30       34.55205  (20050801)
        437341.57   3710974.41       28.30252  (21092124)               437293.81
3711044.79       37.62152  (21021920)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	35.80366	(21052421)	437118.57	3711194.65	49.76044	(20072024)
437024.88	3711151.08	90.74088	(19082902)	436993.66	3711136.56	95.46077	(21061124)
436962.43	3711122.04	92.71603	(21090703)	437388.57	3711172.28	26.54039	(20050801)
437422.31	3711157.39	22.83046	(20050801)	437374.05	3711227.83	27.45037	(21081203)
437338.39	3711232.57	29.05480	(20080722)	437302.72	3711237.30	30.27388	(18102705)
437267.06	3711242.03	31.20272	(20112019)	437231.40	3711246.76	32.49958	(19122918)
437195.73	3711251.50	33.05357	(21112920)	437125.93	3711251.01	53.85302	(19092304)
437028.06	3711205.50	81.47158	(19082902)	436995.44	3711190.33	85.93455	(21061124)
436962.82	3711175.16	79.13535	(21090703)	436930.20	3711159.99	81.42279	(21090703)
437408.75	3711218.02	24.92094	(20050801)	437442.49	3711203.14	21.74120	(20050801)
437394.73	3711273.51	25.46478	(20050801)	437360.06	3711278.11	26.70923	(20080722)
437325.38	3711282.71	27.77760	(18102705)	437290.71	3711287.32	28.29424	(21092306)
437256.04	3711291.92	29.57328	(18030724)	437221.37	3711296.52	30.17208	(17031621)
437186.69	3711301.12	30.50571	(20052322)	437152.02	3711305.72	31.07169	(20101919)
437118.83	3711300.65	54.41658	(20091506)	437007.82	3711249.03	74.21828	(19092301)
436976.11	3711234.28	75.18256	(19082903)	436944.39	3711219.53	68.31953	(19063024)
436912.68	3711204.78	66.11687	(19063024)	437428.94	3711263.77	23.41901	(20050801)
437462.68	3711248.88	22.12505	(18102705)	437434.91	3711365.03	22.38632	(20080722)
437399.88	3711369.68	22.80501	(18071405)	437364.84	3711374.33	23.52467	(18102705)
437329.80	3711378.98	24.13859	(17031621)	437294.76	3711383.62	24.99536	(20112019)
437259.73	3711388.27	25.61559	(17031621)	437224.69	3711392.92	25.69173	(19032701)
437189.65	3711397.57	26.08452	(21112920)	437154.61	3711402.22	29.74574	(20052322)
437103.55	3711399.42	48.71023	(21082304)	437007.40			

3711354.71   58.56489 (21082303)
        436975.35   3711339.81   63.75298 (19082903)   436943.30
3711324.90   54.44836 (20121401)
        436911.25   3711310.00   54.36476 (19063024)   436879.21
3711295.10   51.03261 (18111719)
        436847.16   3711280.19   50.02625 (19090606)   437469.30
3711355.26   27.19093 (21081405)
        437503.04   3711340.37   29.03824 (18071405)   437475.15
3711456.54   27.48281 (18102705)
        437439.85   3711461.22   20.64041 (18100501)   437404.54
3711465.90   20.77261 (18102705)
        437369.24   3711470.59   20.80906 (17031621)   437333.94
3711475.27   21.62545 (20112019)
        437298.63   3711479.96   22.10734 (19032701)   437263.33
3711484.64   22.12515 (21112920)
        437228.03   3711489.33   22.27923 (19083006)   437192.72
3711494.01   22.53272 (19091403)
        437157.42   3711498.70   22.65202 (20090402)   437122.12
3711503.38   26.25237 (19091403)
        437088.32   3711498.22   31.01236 (21110820)   437007.59
3711460.67   52.89944 (19082824)
        436975.30   3711445.66   54.21055 (19082903)   436943.00
3711430.64   43.09262 (20121401)
        436910.71   3711415.63   43.95245 (20092722)   436878.42
3711400.61   44.80457 (21113022)
        436846.13   3711385.59   43.59921 (20090502)   436813.84
3711370.58   44.24512 (18101320)
        436781.55   3711355.56   48.49556 (20050805)   437509.67
3711446.75   31.04841 (21081204)
        437543.41   3711431.86   27.63205 (21081203)   437515.41
3711548.04   27.01952 (20082924)
        437479.91   3711552.75   22.65233 (19071304)   437444.40
3711557.46   19.81851 (20100624)
        437408.90   3711562.17   20.95752 (21021920)   437373.39
3711566.88   18.77214 (20102819)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927

, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437337.89   3711571.60   19.11257 (20101722)   437302.38
3711576.31   19.15083 (19052501)
        437266.88   3711581.02   19.31860 (18080501)   437231.38
3711585.73   19.50743 (18080501)
        437160.37   3711595.15   31.88896 (20091401)   437124.86
3711599.86   42.22534 (19082902)
        437008.16   3711566.82   41.91313 (17010717)   436975.69
3711551.72   39.75966 (19082903)
        436943.21   3711536.62   36.69306 (21113022)   436910.73
3711521.51   36.74774 (20091402)
        436878.26   3711506.41   39.72515 (20092722)   436845.78
3711491.31   37.54941 (19091402)
        436813.31   3711476.21   37.59947 (18121120)   436780.83
3711461.10   38.15044 (21030623)
        436748.35   3711446.00   41.87590 (19090606)   436715.88
3711430.90   42.36366 (19070105)
        437550.04   3711538.24   29.16045 (20082924)   437583.78
3711523.35   26.46454 (21081203)
        437555.70   3711639.54   27.13753 (20112420)   437520.04
3711644.27   20.87814 (20092322)
        437484.38   3711649.00   19.47365 (19071304)   437448.71
3711653.74   20.19214 (20083001)
        437413.05   3711658.47   16.45031 (20102819)   437377.39
3711663.20   16.82800 (19100622)
        437341.72   3711667.93   16.86648 (17031621)   437306.06
3711672.67   17.05011 (19083006)
        437270.39   3711677.40   17.13413 (19083006)   437234.73
3711682.13   19.84597 (19082004)
        437109.91   3711698.70   41.58659 (19120802)   437009.00
3711673.09   34.89123 (17010717)
        436976.38   3711657.92   33.68913 (19082903)   436943.76
3711642.75   30.03310 (18061301)
        436911.14   3711627.58   29.95544 (18081703)   436878.52
3711612.41   34.69411 (18101318)
        436845.90   3711597.24   34.97912 (19091402)   436813.27
3711582.07   34.76095 (18111719)

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        436780.65   3711566.90       33.38178  (19082003)                436748.03
3711551.73       33.51556  (21012119)
        436715.41   3711536.56       37.03373  (21121618)                436682.79
3711521.39       36.49887  (19070105)
        436650.17   3711506.22       35.20611  (19082401)                437590.40
3711629.73       27.16149  (18052223)
        437624.14   3711614.84       23.59617  (21121217)                437596.01
3711731.04       27.74158  (19120820)
        437560.21   3711735.79       23.69450  (19040621)                437524.42
3711740.54       20.50252  (21052421)
        437488.63   3711745.29       21.39694  (19071304)                437452.84
3711750.04       19.89946  (20102819)
        437417.05   3711754.79       14.97303  (20112019)                437381.26
3711759.54       15.15572  (17031621)
        437345.47   3711764.28       15.25679  (19052501)                437309.68
3711769.03       15.23419  (20052322)
        437273.88   3711773.78       15.39221  (20101919)                437238.09
3711778.53       16.80518  (20090402)
        437094.93   3711797.53       37.10683  (19120802)                437010.03
3711779.44       34.68824  (17010717)
        436977.29   3711764.22       30.63950  (17041302)                436944.55
3711749.00       27.45900  (17041302)
        436911.81   3711733.77       26.72264  (21021604)                436879.08
3711718.55       29.90407  (18101318)
        436846.34   3711703.32       32.31667  (21090703)                436813.60
3711688.10       31.35221  (19091402)
        436780.86   3711672.88       29.85710  (20090502)                436748.12
3711657.65       29.95338  (18121120)
        436715.38   3711642.43       30.84588  (19071305)                436682.65
3711627.20       33.42374  (21121618)
        436649.91   3711611.98       31.87750  (20050805)                436617.17
3711596.76       29.67618  (19082401)
        436584.43   3711581.53       30.31315  (21020622)                437630.77
3711721.22       24.11334  (21081204)
        437664.51   3711706.33       21.91549  (18052223)                437636.32
3711822.54       25.77981  (19120820)
        437600.42   3711827.30       23.10625  (20112420)                437564.53
3711832.06       22.02429  (21081405)
        437528.63   3711836.83       22.48558  (20092322)                437492.73
3711841.59       21.94754  (21101623)
        437456.84   3711846.35       17.59340  (21090124)                437420.94
3711851.12       13.70002  (17031621)
        437385.04   3711855.88       13.65770  (19052501)                437349.15
3711860.64       13.65383  (18080501)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	13.78424	(20082305)	437277.35	3711870.17	14.03430	(19091403)
437241.46	3711874.93	21.82170	(20082305)	437061.98	3711898.75	33.54213	(17010717)
437011.19	3711885.86	33.34107	(17010717)	436978.36	3711870.59	31.66971	(20081206)
436945.52	3711855.33	28.73019	(20091303)	436912.69	3711840.06	24.65391	(20021803)
436879.85	3711824.79	25.59358	(18101318)	436847.02	3711809.52	29.88152	(18101318)
436814.18	3711794.25	28.84986	(18111719)	436781.35	3711778.98	27.01019	(20120702)
436748.52	3711763.71	26.93871	(21121219)	436715.68	3711748.44	26.21320	(21030623)
436682.85	3711733.17	28.41493	(20050805)	436650.01	3711717.91	30.36433	(21121618)
436617.18	3711702.64	28.69166	(20050805)	436584.34	3711687.37	26.23685	(19082324)
436551.51	3711672.10	28.40708	(21020622)	436518.67	3711656.83	26.00578	(21022422)
437671.14	3711812.71	23.38602	(21081204)	437704.88	3711797.82	21.39805	(21081405)
437676.64	3711914.03	21.22627	(20112420)	437640.66	3711918.81	20.88044	(20112420)
437604.67	3711923.58	20.39842	(21081405)	437568.69	3711928.36	20.78942	(20092322)
437532.70	3711933.13	20.77894	(20050703)	437496.72			

3711937.91 21.14369 (21090124)
437460.73 3711942.68 16.00109 (20083001) 437424.75
3711947.46 12.86716 (21080204)
437388.77 3711952.23 12.39797 (19083006) 437352.78
3711957.01 12.64024 (17022801)
437316.80 3711961.78 14.60112 (20072024) 437280.81
3711966.56 24.31471 (19071603)
437244.83 3711971.33 27.22228 (19071603) 437012.46
3711992.33 28.96475 (17010717)
436979.54 3711977.02 28.11884 (20081206) 436946.63
3711961.72 25.93109 (20091303)
436913.71 3711946.41 22.89098 (17122021) 436880.80
3711931.11 23.30013 (21021604)
436847.88 3711915.80 24.79321 (20091402) 436814.97
3711900.49 25.88304 (21090703)
436782.05 3711885.19 25.14448 (20070506) 436749.14
3711869.88 23.65570 (20091402)
436716.22 3711854.57 23.79057 (19082003) 436683.31
3711839.27 23.68955 (18101320)
436650.39 3711823.96 26.04033 (20050805) 436617.48
3711808.65 26.98784 (17102803)
436584.56 3711793.35 25.53238 (20050805) 436551.65
3711778.04 23.75234 (19082324)
436518.73 3711762.74 26.26702 (21020622) 436485.81
3711747.43 22.90610 (21020405)
436452.90 3711732.12 23.06265 (17071702) 437711.51
3711904.20 22.78918 (20112420)
437745.25 3711889.31 20.72768 (20082924) 437716.97
3712005.53 19.07353 (20112420)
437680.91 3712010.31 18.91968 (20112420) 437644.85
3712015.10 18.51820 (21081405)
437608.79 3712019.88 19.35142 (20092322) 437572.73
3712024.67 17.98033 (20050703)
437536.67 3712029.45 19.83717 (20083001) 437500.61
3712034.24 20.23973 (21041006)
437464.55 3712039.02 14.35656 (19032701) 437428.50
3712043.81 12.52895 (19032701)
437392.44 3712048.59 11.42670 (20102819) 437356.38
3712053.38 11.59512 (20082305)
437320.32 3712058.16 18.88595 (19091403) 437284.26
3712062.95 25.57455 (21020924)
437248.20 3712067.73 26.45093 (18101407) 437031.84
3712096.44 24.25617 (21082303)
436997.32 3712091.17 23.27064 (19092301) 436964.33
3712075.83 22.71470 (19082903)
436931.35 3712060.49 20.24008 (20121401) 436898.36
3712045.15 19.78252 (21090703)
436865.38 3712029.81 20.66928 (20092722) 436832.40
3712014.48 23.36865 (20091402)
436799.41 3711999.14 23.55764 (21090703) 436766.43

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436667.48   3711937.78   21.29370 (20012108)   436634.49
3711922.45   21.84598 (20050805)
        436601.51   3711907.11   23.52439 (19090606)   436568.53
3711891.77   23.40312 (21121618)
        436535.54   3711876.43   23.24596 (19082324)   436502.56
3711861.09   22.06504 (19071305)
        436469.57   3711845.76   22.08650 (20122121)   436436.59
3711830.42   22.29295 (17042306)
        436403.61   3711815.08   22.84370 (19120420)   436370.62
3711799.74   22.82637 (18021123)
        437751.87   3711995.69   19.05772 (20112420)   437785.61
3711980.81   20.28275 (21081204)
        437757.31   3712097.02   17.26104 (19120820)   437721.18
3712101.82   16.57237 (19120820)
        437685.06   3712106.61   15.56127 (21081204)   437648.94
3712111.40   14.96257 (21071304)
        437612.81   3712116.20   13.29526 (21052421)   437576.69
3712120.99   13.37387 (21101623)

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        437540.56   3712125.78       18.14774  (21041006)               437504.44
3712130.58       17.30701  (18030724)
        437468.31   3712135.37       12.49038  (21080204)               437432.19
3712140.16       12.15273  (18080501)
        437396.07   3712144.96       11.45228  (21112920)               437359.94
3712149.75       18.66211  (21051801)
        437323.82   3712154.55       23.27908  (20091401)               437287.69
3712159.34       23.88711  (19071603)
        437251.57   3712164.13       24.27086  (21081403)               437034.82
3712192.89       23.24236  (21082303)
        436982.18   3712190.00       20.55441  (20081206)               436949.13
3712174.64       19.92735  (20091303)
        436916.09   3712159.27       17.97555  (17041302)               436883.05
3712143.91       18.22434  (19092301)
        436850.01   3712128.54       19.46507  (20092722)               436816.96
3712113.18       21.66743  (20091402)
        436783.92   3712097.81       21.54902  (19091402)               436750.88
3712082.45       20.77510  (20092523)
        436717.83   3712067.08       20.36018  (20091402)               436684.79
3712051.71       19.54300  (21121219)
        436651.75   3712036.35       19.76950  (17010818)               436618.71
3712020.98       20.09412  (21030623)
        436585.66   3712005.62       21.01711  (21121618)               436552.62
3711990.25       21.14546  (17102803)
        436519.58   3711974.89       21.36733  (18121018)               436486.53
3711959.52       23.60587  (20101803)
        436453.49   3711944.15       22.52416  (20100707)               436420.45
3711928.79       21.97157  (21020405)
        436387.41   3711913.42       21.73505  (19021319)               436354.36
3711898.06       22.69985  (20053122)
        436321.32   3711882.69       21.91032  (19082401)               437792.24
3712087.18       18.32333  (20112420)
        437825.98   3712072.30       18.78237  (20082924)               437797.65
3712188.52       16.67745  (19071304)
        437761.47   3712193.32       16.13874  (20112420)               437725.29
3712198.12       14.91405  (20012324)
        437689.11   3712202.92       15.31558  (21021002)               437652.93
3712207.72       14.94399  (20083001)
        437616.75   3712212.52       15.13228  (20060305)               437580.57
3712217.32       15.60014  (20083001)
        437544.38   3712222.12       18.66235  (20080104)               437508.20
3712226.92       17.15817  (21101623)
        437472.02   3712231.73       14.49993  (20101722)               437435.84
3712236.53       15.19850  (19083006)
        437399.66   3712241.33       11.20494  (20101722)               437363.48
3712246.13       19.03808  (20051305)
        437327.30   3712250.93       23.00464  (19071603)               437291.12
3712255.73       22.83632  (21082304)
        437254.94   3712260.53       24.80363  (19110724)               437037.86
3712289.34       21.58232  (20030604)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	18.34978	(21120708)	436569.91	3712104.17	19.07176	(20050805)
436536.82	3712088.78	19.89777	(21060824)	436503.72	3712073.39	19.49330	(21121618)
436470.63	3712058.00	19.08881	(20092306)	436437.54	3712042.61	18.20255	(17020308)
436404.44	3712027.22	19.15717	(21020622)	436371.35	3712011.83	19.00996	(20122121)
436338.25	3711996.44	19.29873	(17020508)	436305.16			

3711981.05 19.79046 (19070106)
436272.06 3711965.67 20.02025 (21012221) 436238.97
3711950.28 19.80846 (21010520)
437832.61 3712178.67 17.31772 (20112420) 437866.35
3712163.79 17.62165 (20112420)
437307.35 3710801.18 45.77523 (17101118) 437307.81
3710761.16 51.87037 (19051922)
437305.08 3710736.35 54.58345 (19040418) 437302.36
3710711.54 57.03018 (19020522)
437299.63 3710686.74 56.79673 (19022102) 437296.90
3710661.93 57.93297 (18022218)
437294.17 3710637.12 55.91525 (18123121) 437355.99
3710800.79 42.32919 (18052319)
437332.06 3710855.22 28.39359 (17021818) 437357.51
3710755.69 48.16206 (19021718)
437354.78 3710730.88 49.08322 (18021904) 437352.06
3710706.08 49.71136 (19051920)
437349.33 3710681.27 51.32775 (18031405) 437346.60
3710656.46 52.29296 (18021902)
437343.87 3710631.66 53.26441 (18123121) 437405.16
3710797.86 49.69810 (17020519)
437400.37 3710820.68 48.58386 (18022222) 437395.58
3710843.51 46.78149 (18022222)
437373.45 3710881.92 30.99871 (17101118) 437356.09
3710897.50 20.95752 (19071602)
437338.74 3710913.08 25.37953 (19061704) 437409.94
3710775.03 50.05936 (19020918)
437407.21 3710750.22 50.45431 (17030318) 437404.48
3710725.42 50.92546 (18053119)
437401.76 3710700.61 52.22248 (18090719) 437399.03
3710675.80 53.12292 (18123121)
437396.30 3710651.00 53.84340 (21010117) 437393.57
3710626.19 54.51206 (20030220)
437454.54 3710793.91 46.37014 (18053119) 437449.43
3710818.26 46.60241 (18011920)
437444.33 3710842.61 46.13151 (19091620) 437439.22
3710866.96 45.08593 (19091620)
437415.61 3710907.92 36.03105 (19020918) 437397.10
3710924.55 33.15112 (19022102)
437378.59 3710941.17 20.79814 (18071405) 437360.08
3710957.79 24.09155 (18052223)
437459.64 3710769.57 45.20103 (19020520) 437456.91
3710744.76 45.19866 (19122417)
437454.18 3710719.95 45.19752 (18112917) 437451.46
3710695.15 45.87801 (18022118)
437448.73 3710670.34 46.76619 (18022118) 437446.00
3710645.53 47.87308 (19012101)
437443.27 3710620.73 49.18056 (19041719) 437504.78
3710785.84 42.82011 (18092920)
437495.67 3710829.32 42.43231 (17032021) 437486.55

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        437434.00   3711019.15       31.40362  (17021118)               437416.65
3711034.74       23.49738  (21082702)
        437399.29   3711050.32       22.70546  (18052223)               437559.04
3710758.63       40.86525  (18090719)
        437556.31   3710733.83       41.59535  (17040820)               437553.59
3710709.02       42.17205  (18123121)
        437550.86   3710684.21       42.12030  (19051619)               437548.13
3710659.41       42.29956  (18022318)
        437545.40   3710634.60       42.67933  (19051919)               437542.67
3710609.79       42.14026  (18050919)
        437603.78   3710776.84       37.89393  (18021903)               437598.82
3710800.51       37.89744  (18092920)
        437593.85   3710824.18       38.08686  (17020519)               437588.89
3710847.85       38.30722  (17120317)
        437583.93   3710871.52       38.61622  (18021903)               437578.97
3710895.19       38.78845  (21121418)
        437574.00   3710918.86       38.26867  (21022518)               437569.04
3710942.54       37.39621  (21031521)
        437546.08   3710982.37       34.90583  (19030721)               437528.09
3710998.53       34.98276  (20102318)
        437510.09   3711014.69       35.22263  (19022818)               437492.10
3711030.85       35.56934  (20021618)
        437474.10   3711047.01       35.73935  (19122917)               437456.11
3711063.17       31.78888  (18011921)
        437438.11   3711079.33       23.57817  (18071405)               437420.12
3711095.49       21.37474  (18102705)
        437608.74   3710753.17       37.99482  (21010117)               437606.01
3710728.36       38.18312  (20052619)
        437603.29   3710703.55       38.52791  (18123121)               437600.56
3710678.75       38.19636  (19051619)
        437597.83   3710653.94       38.47419  (20020818)               437595.10
3710629.13       38.16492  (19051919)
        437592.37   3710604.33       34.36623  (21121417)               437653.34
3710772.05       29.14703  (21042719)
        437648.23   3710796.40       25.47773  (20020818)               437643.13
3710820.74       26.22838  (18011920)
        437638.02   3710845.09       30.73698  (19051920)               437632.92
3710869.44       34.52982  (17022218)
        437627.82   3710893.79       36.08773  (18100918)               437622.71
3710918.13       36.60078  (21121418)
        437617.61   3710942.48       36.08024  (21022518)               437612.50
3710966.83       35.38452  (17100320)
        437588.89   3711007.80       33.03464  (21031521)               437570.38
3711024.42       33.30660  (17111718)
        437551.87   3711041.04       33.54956  (19021420)               437533.36
3711057.66       33.76520  (17010218)
        437514.85   3711074.28       34.20355  (19051821)               437496.34
3711090.91       34.76717  (19011717)
        437477.84   3711107.53       33.61562  (17010218)               437459.33
3711124.15       26.12764  (21122617)
```

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        437440.82   3711140.77       21.53689  (19071602)                437658.44
3710747.70       31.46903  (17040820)
        437655.71   3710722.89       33.98305  (17012018)                437652.99
3710698.09       34.19654  (18021902)
        437650.26   3710673.28       33.98762  (19051919)                437647.53
3710648.47       32.77088  (20030220)
        437644.80   3710623.67       31.46434  (19012101)                437642.07
3710598.86       25.50049  (19051919)
        437703.36   3710765.06        9.23273  (19020503)                437698.57
3710787.89        9.07265  (19020517)
        437693.79   3710810.71        9.61721  (17050621)                437689.00
3710833.54       11.79388  (17030518)
        437684.22   3710856.36       19.66093  (18011920)                437679.43
3710879.19       27.62359  (19020522)
        437674.64   3710902.01       31.45684  (18021904)                437669.86
3710924.84       33.19618  (19090119)
        437665.07   3710947.67       34.05445  (19091620)                437660.29
3710970.49       34.08099  (19020522)
        437655.50   3710993.32       33.57293  (21031521)                437633.36
3711031.73       31.41011  (17032320)
        437616.01   3711047.31       31.43713  (20102318)                437598.66
3711062.89       31.72838  (19021420)
        437581.31   3711078.47       31.88811  (20112417)                437563.96
3711094.06       32.10338  (20110701)
        437546.60   3711109.64       32.61421  (18011921)                437529.25
3711125.22       32.90880  (18020618)
        437511.90   3711140.81       31.79234  (18121718)                437494.55
3711156.39       27.61956  (21122617)
        437477.20   3711171.97       24.12723  (20121907)                437459.84
3711187.55       23.61713  (20051324)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                 INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                 L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                 L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                 L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	8.62258	(18041618)	437705.41	3710717.43	9.16711	(19123016)
437702.69	3710692.62	9.89796	(17012017)	437699.96	3710667.81	9.65062	(17012017)
437697.23	3710643.01	9.06658	(17012017)	437694.50	3710618.20	8.31150	(17012017)
437691.77	3710593.39	7.74034	(20020517)	437752.93	3710760.18	7.90522	(19020503)
437748.03	3710783.59	8.52897	(19020503)	437743.12	3710807.00	8.23329	(17050621)
437738.21	3710830.41	8.61732	(17050621)	437733.30	3710853.82	9.21399	(17050621)
437728.39	3710877.23	9.77186	(17050621)	437723.49	3710900.65	11.02828	(17012017)
437718.58	3710924.06	17.97194	(18011920)	437713.67	3710947.47	24.70163	(17032220)
437708.76	3710970.88	31.17000	(19022102)	437703.85	3710994.29	32.53858	(17100320)
437698.94	3711017.70	31.96587	(19051620)	437676.24	3711057.09	29.90130	(17053103)
437658.44	3711073.08	29.91503	(18053102)	437640.65	3711089.06	30.20462	(19090220)
437622.85	3711105.04	30.41980	(17021107)	437605.05	3711121.02	30.39727	(21102418)
437587.25	3711137.01	30.77719	(19051821)	437569.46	3711152.99	30.27097	(19122917)
437551.66	3711168.97	27.47644	(17010218)	437533.86	3711184.95	24.70251	(18020618)
437516.07	3711200.93	23.96994	(19010203)	437498.27	3711216.92	23.84068	(21081203)
437480.47	3711232.90	26.75394	(18052223)	437757.84	3710736.77	7.71327	(20020517)
437755.11	3710711.96	8.56836	(19123016)	437752.39	3710687.15	8.75006	(17012017)
437749.66	3710662.35	8.29935	(17012017)	437746.93	3710637.54	7.78122	(17012017)
437744.20	3710612.73	7.21259	(17012017)	437741.47	3710587.93	6.61229	(17012017)
437852.14	3710750.18	6.25929	(20020517)	437847.03	3710774.53	6.35810	(19020503)
437841.93	3710798.88	6.89993	(19020503)	437836.83			

3710823.23   6.76496 (17050621)
        437831.72   3710847.57   7.12425 (17050621)   437826.62
3710871.92   7.43421 (17050621)
        437821.51   3710896.27   8.16181 (17050621)   437816.41
3710920.62   8.57502 (17012517)
        437811.30   3710944.96   8.64977 (19040518)   437806.20
3710969.31   8.75036 (17012017)
        437801.09   3710993.66   8.02648 (17012017)   437795.99
3711018.01   10.35015 (19022102)
        437790.88   3711042.35   18.23261 (18011920)   437785.78
3711066.70   23.78542 (19051922)
        437762.17   3711107.67   27.21012 (18053102)   437743.66
3711124.29   27.17496 (18032124)
        437725.15   3711140.91   27.52574 (18032124)   437706.64
3711157.53   27.59584 (17111718)
        437688.13   3711174.16   27.03911 (19022818)   437669.62
3711190.78   25.61975 (17010919)
        437651.11   3711207.40   24.62225 (19120917)   437632.60
3711224.02   24.85901 (17021118)
        437614.10   3711240.64   25.01875 (20021819)   437595.59
3711257.26   24.65498 (17010919)
        437577.08   3711273.89   22.89741 (19013019)   437558.57
3711290.51   21.55604 (21022818)
        437540.06   3711307.13   23.07121 (18071405)   437521.55
3711323.75   26.49898 (18071405)
        437857.24   3710725.84   6.58974 (19123016)   437854.52
3710701.03   6.54494 (19040418)
        437851.79   3710676.22   6.32956 (18121016)   437849.06
3710651.42   6.33082 (19040618)
        437846.33   3710626.61   5.77017 (19040618)   437843.60
3710601.80   5.31535 (20020517)
        437840.87   3710577.00   5.07815 (17111808)   437951.68
3710738.57   5.26929 (19123016)
        437946.72   3710762.25   5.17131 (20020517)   437941.76
3710785.92   5.16538 (18041618)
        437936.79   3710809.59   5.58368 (19020503)   437931.83
3710833.26   5.55486 (17050621)
        437926.87   3710856.93   5.87095 (17050621)   437921.91
3710880.60   6.15885 (17050621)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911

, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437916.94   3710904.27   6.41327 (17050621)   437911.98
3710927.94   6.46944 (17030518)
        437907.02   3710951.61   6.94766 (17012517)   437902.05
3710975.29   7.16020 (19040518)
        437897.09   3710998.96   6.95117 (19051921)   437892.13
3711022.63   7.42947 (17012017)
        437887.17   3711046.30   7.90727 (19022102)   437882.20
3711069.97   8.85703 (19022102)
        437877.24   3711093.64   10.50103 (18051319)   437872.28
3711117.31   14.54785 (18051319)
        437849.32   3711157.14   22.06020 (19020522)   437831.33
3711173.30   24.44965 (18040619)
        437813.33   3711189.46   25.01192 (17111718)   437795.34
3711205.62   25.36994 (18032124)
        437777.34   3711221.78   25.26752 (17021107)   437759.35
3711237.94   25.29027 (21030919)
        437741.35   3711254.10   25.26296 (19051821)   437723.36
3711270.26   25.72274 (19051821)
        437705.36   3711286.42   25.89709 (19011717)   437687.37
3711302.58   26.11044 (18052003)
        437669.37   3711318.74   26.32811 (18110923)   437651.38
3711334.90   26.43781 (19050220)
        437633.38   3711351.06   26.62493 (19090420)   437615.39
3711367.22   26.17741 (19050421)
        437597.39   3711383.38   25.50182 (20032303)   437579.40
3711399.54   25.00396 (21122817)
        437561.40   3711415.70   25.47762 (20082924)   437956.64
3710714.90   5.02837 (20020517)
        437953.92   3710690.10   4.94358 (20020517)   437951.19
3710665.29   5.05450 (19040618)
        437948.46   3710640.48   4.62257 (19040618)   437945.73
3710615.68   4.35943 (20020517)

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        437943.00   3710590.87        4.18896  (17111808)               437940.27
3710566.06        4.20691  (17111808)
        438050.94   3710728.32        4.21431  (20020517)               438045.84
3710752.67        4.29862  (20020517)
        438040.73   3710777.01        4.33755  (20020517)               438035.63
3710801.36        4.32700  (18041618)
        438030.52   3710825.71        4.66209  (19020503)               438025.42
3710850.06        4.71096  (17012517)
        438020.31   3710874.40        4.97758  (17050621)               438015.21
3710898.75        5.68205  (17012517)
        438010.10   3710923.10        6.36494  (17050621)               438005.00
3710947.45        6.85272  (19021718)
        437999.90   3710971.79        6.60524  (17011917)               437994.79
3710996.14        6.18607  (19040518)
        437989.69   3711020.49        6.25519  (19021718)               437984.58
3711044.84        6.85668  (17012017)
        437979.48   3711069.18        6.55201  (19022102)               437974.37
3711093.53        6.89378  (19022102)
        437969.27   3711117.88        7.77888  (19022102)               437964.16
3711142.23        7.53474  (18051319)
        437959.06   3711166.57        7.83734  (18021904)               437935.45
3711207.54       11.90898  (19020522)
        437916.94   3711224.16       15.95641  (19051922)               437898.43
3711240.79       19.79103  (17021119)
        437879.92   3711257.41       22.62604  (20102318)               437861.41
3711274.03       23.46708  (17111718)
        437842.90   3711290.65       23.31227  (19122917)               437824.39
3711307.27       23.42289  (21072521)
        437805.88   3711323.89       23.55594  (20041724)               437787.37
3711340.52       23.99644  (19050623)
        437768.87   3711357.14       24.02832  (21100518)               437750.36
3711373.76       24.14377  (18110923)
        437731.85   3711390.38       24.32469  (21100518)               437713.34
3711407.00       24.47640  (18020618)
        437694.83   3711423.62       24.68302  (19050220)               437676.32
3711440.25       24.68965  (18012907)
        437657.81   3711456.87       24.76159  (18021605)               437639.30
3711473.49       24.70088  (18041822)
        437620.79   3711490.11       24.56875  (20032303)               437602.29
3711506.73       23.78999  (17021105)
        438056.04   3710703.97        4.08616  (20020517)               438053.32
3710679.16        4.11299  (19040618)
        438050.59   3710654.36        3.82226  (20020517)               438047.86
3710629.55        3.63330  (20020517)
        438045.13   3710604.74        3.52403  (17111808)               438042.40
3710579.94        3.53959  (17111808)
        438039.67   3710555.13        3.55191  (17111808)               438150.45
3710716.86       17.66685  (19030918)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                            INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
3711289.64       11.57097  (17122017)
        437968.17   3711305.90       13.46432  (18122502)                437950.06
3711322.16       17.70466  (19022818)
        437931.95   3711338.42       20.53706  (19120917)                437913.85
3711354.68       21.49218  (21030919)
        437895.74   3711370.94       21.69087  (21072521)                437877.64
3711387.20       21.74112  (17012118)
        437859.53   3711403.46       22.14044  (20041724)                437841.42
3711419.72       22.13721  (20041724)
        437823.32   3711435.98       22.35133  (19022819)                437805.21
3711452.24       22.39421  (18041904)
        437787.10   3711468.50       22.57947  (20011619)                437769.00
3711484.76       22.64190  (20052621)
        437750.89   3711501.02       22.50731  (21040603)                437732.78
3711517.28       22.31878  (21052822)
        437714.68   3711533.54       22.53907  (18021605)                437696.57
3711549.80       22.48880  (18050722)
        437678.46   3711566.06       22.57333  (18041822)                437660.36
3711582.32       22.64134  (18050722)
        437642.25   3711598.58       23.11427  (20012007)                438155.45
3710693.04       19.99491  (19030918)
        438152.72   3710668.23       22.23883  (19021618)                438149.99
3710643.42       22.21225  (21082021)
        438147.26   3710618.62       20.08620  (17041319)                438144.53
3710593.81       15.69054  (17021619)
        438141.80   3710569.00       12.55964  (20110819)                438139.08
3710544.20       10.41953  (17012018)
        438249.74   3710706.45       20.45148  (18022306)                438244.64
3710730.80       21.69130  (19021618)
        438239.53   3710755.15       22.28406  (21092420)                438234.43
3710779.50       21.30188  (18050919)
        438229.32   3710803.84       19.49493  (17012018)                438224.22
3710828.19       16.23430  (19012101)
        438219.11   3710852.54       10.36602  (18021902)                438214.01
3710876.89        3.46393  (17012517)
        438208.91   3710901.23        4.43839  (19040618)                438203.80
3710925.58        6.02881  (18022218)
        438198.70   3710949.93        7.02825  (20032618)                438193.59
3710974.28        7.52997  (17030518)
        438188.49   3710998.62        8.36881  (17030518)                438183.38
3711022.97        9.10996  (18041619)
        438178.28   3711047.32        8.41336  (17022218)                438173.17
3711071.67        7.86302  (18022218)
        438168.07   3711096.01        7.62082  (17022218)                438162.96
3711120.36        7.77077  (18011920)
        438157.86   3711144.71        9.67152  (18011920)                438152.76
3711169.06       10.45509  (17030518)
        438147.65   3711193.40       10.81475  (18052319)                438142.55
3711217.75       10.61168  (18011920)
        438137.44   3711242.10       10.06233  (17101118)                438132.34
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437997.67	3711407.14	19.80476	(17022721)	437979.16	3711423.77	19.97306	(17070723)
437960.65	3711440.39	20.20145	(20080720)	437942.14	3711457.01	20.39249	(20080720)
437923.64	3711473.63	20.70547	(17031123)	437905.13	3711490.25	20.60601	(21100518)
437886.62	3711506.87	20.69804	(20102520)	437868.11	3711523.50	20.82196	(18041904)
437849.60	3711540.12	20.79724	(21032521)	437831.09	3711556.74	20.79085	(19051720)
437812.58	3711573.36	20.80860	(21040603)	437794.07	3711589.98	20.73769	(21052822)
437775.56	3711606.60	20.93546	(20090819)	437757.06	3711623.23	20.89359	(19050421)

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        437738.55   3711639.85       20.93250  (18041822)               437720.04
3711656.47       21.00279  (18050722)
        437701.53   3711673.09       21.03893  (20012007)               437683.02
3711689.71       21.63687  (20012007)
        438254.85   3710682.11       19.38551  (21082021)               438252.12
3710657.30       18.90706  (19080520)
        438249.39   3710632.49       19.20869  (20083106)               438246.66
3710607.69       20.07283  (17012318)
        438243.93   3710582.88       20.57872  (18122504)               438241.20
3710558.07       20.50436  (20051119)
        438238.48   3710533.27       20.90120  (19051924)               438349.23
3710695.09       17.68261  (21042522)
        438344.22   3710719.00       17.17977  (21072522)               438339.21
3710742.91       17.46653  (21031719)
        438334.19   3710766.82       18.35009  (19041719)               438329.18
3710790.74       19.87475  (19012101)
        438324.17   3710814.65       20.61738  (20042419)               438319.15
3710838.56       20.34806  (18080121)
        438314.14   3710862.47       19.42425  (20052619)               438309.13
3710886.39       17.90980  (17041920)
        438304.11   3710910.30       15.90135  (21042719)               438299.10
3710934.21       11.61177  (21042719)
        438294.09   3710958.13        4.19917  (19020503)               438289.07
3710982.04        4.32363  (17030518)
        438284.06   3711005.95        6.55880  (17030518)               438279.05
3711029.86        8.53108  (18060620)
        438274.03   3711053.78        9.09399  (18060620)               438269.02
3711077.69        9.70834  (18060620)
        438264.01   3711101.60       10.28414  (19051920)               438258.99
3711125.51       10.64628  (20110817)
        438253.98   3711149.43        9.72189  (19021521)               438248.97
3711173.34        9.42815  (19051921)
        438243.95   3711197.25       10.56629  (19051921)               438238.94
3711221.17       11.51766  (19040619)
        438233.93   3711245.08       11.39002  (19051921)               438228.91
3711268.99        9.28874  (17022218)
        438223.90   3711292.90        7.96263  (19020522)               438218.89
3711316.82        9.02978  (17101118)
        438195.69   3711357.05       10.99183  (18051319)               438177.52
3711373.38       12.47080  (19020918)
        438159.34   3711389.70       14.80651  (17101118)               438141.16
3711406.03       16.04786  (19050702)
        438122.98   3711422.35       16.40480  (17091119)               438104.80
3711438.68       17.05170  (17022721)
        438086.62   3711455.00       17.48418  (17022721)               438068.45
3711471.33       18.04548  (19092219)
        438050.27   3711487.65       18.32981  (20042624)               438032.09
3711503.98       18.53309  (18011921)
        438013.91   3711520.30       18.69640  (19020818)               437995.73
3711536.63       19.02937  (17031123)
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        437977.55   3711552.95       19.13225  (17010919)               437959.38
3711569.28       19.09321  (19073021)
        437941.20   3711585.60       19.05573  (20011318)               437923.02
3711601.93       19.21675  (20040220)
        437904.84   3711618.25       19.15621  (19050220)               437886.66
3711634.58       19.24844  (21091321)
        437868.48   3711650.90       19.25908  (21052822)               437850.31
3711667.23       19.16327  (18031305)
        437832.13   3711683.55       19.24227  (18021605)               437813.95
3711699.88       19.22687  (19050421)
        437795.77   3711716.20       19.24595  (18041822)               437777.59
3711732.53       19.07814  (20032303)
        437759.41   3711748.85       19.14727  (20042621)               437741.24
3711765.17       19.60277  (20012007)
        437723.06   3711781.50       20.04190  (17021105)               438354.25
3710671.17       18.45542  (21082021)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 473
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438351.52   3710646.37       19.08511  (17073105)               438348.79
3710621.56       19.62393  (17012021)
        438346.06   3710596.75       19.93211  (21021818)               438343.33
3710571.95       20.34170  (17012021)
        438340.61   3710547.14       20.15867  (19051924)               438337.88
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3710522.33 20.25209 (19121517)
438448.54 3710684.59 19.08881 (20072119) 438443.44
3710708.94 18.31100 (21092420)
438438.33 3710733.28 17.32959 (20042419) 438433.23
3710757.63 16.52985 (21031719)
438428.12 3710781.98 16.06383 (19012101) 438423.02
3710806.33 16.11282 (19071920)
438417.92 3710830.67 17.11727 (19011720) 438412.81
3710855.02 18.32382 (20012607)
438407.71 3710879.37 19.42037 (18112919) 438402.60
3710903.72 19.60932 (18093022)
438397.50 3710928.06 19.50394 (18093022) 438392.39
3710952.41 19.17917 (20020818)
438387.29 3710976.76 17.78828 (20123124) 438382.18
3711001.11 14.45683 (21042719)
438377.08 3711025.45 4.07491 (17050621) 438371.97
3711049.80 5.47055 (18041619)
438366.87 3711074.15 7.66197 (17022218) 438361.77
3711098.50 7.96357 (19020503)
438356.66 3711122.84 7.89922 (19022102) 438351.56
3711147.19 9.91162 (18060620)
438346.45 3711171.54 10.72300 (19020522) 438341.35
3711195.89 10.01945 (20110817)
438336.24 3711220.23 9.02073 (17032019) 438331.14
3711244.58 9.08962 (17032019)
438326.03 3711268.93 9.72700 (17032019) 438320.93
3711293.28 10.23361 (17032019)
438315.83 3711317.62 10.80397 (19051922) 438310.72
3711341.97 11.08883 (19020503)
438305.62 3711366.32 10.54058 (19020503) 438282.00
3711407.29 11.13120 (19020918)
438263.49 3711423.91 13.04633 (19020918) 438244.98
3711440.53 14.24609 (18022222)
438226.48 3711457.15 14.87500 (19050702) 438207.97
3711473.77 15.05939 (17091119)
438189.46 3711490.40 15.31457 (20102318) 438170.95
3711507.02 16.07839 (17022721)
438152.44 3711523.64 16.52009 (19092219) 438133.93
3711540.26 16.60419 (17012118)
438115.42 3711556.88 16.77269 (21030919) 438096.91
3711573.50 17.05714 (21012218)
438078.41 3711590.13 17.36950 (20101718) 438059.90
3711606.75 17.76109 (17010919)
438041.39 3711623.37 17.79956 (19011717) 438022.88
3711639.99 17.70563 (17010919)
438004.37 3711656.61 17.73924 (17012418) 437985.86
3711673.23 17.89716 (20040220)
437967.35 3711689.86 17.88247 (19050220) 437948.84
3711706.48 17.95603 (21091321)
437930.33 3711723.10 17.95649 (21040603) 437911.83

3711739.72   17.81030 (19050421)
        437893.32   3711756.34   17.96628 (18012907)   437874.81
3711772.96   17.88765 (20032303)
        437856.30   3711789.58   17.73256 (20090819)   437837.79
3711806.21   17.73277 (17042223)
        437819.28   3711822.83   17.68827 (18050722)   437800.77
3711839.45   17.92516 (20012007)
        437782.26   3711856.07   18.53130 (17021105)   437763.75
3711872.69   18.96893 (18071405)
        438453.65   3710660.24   19.32923 (21090924)   438450.92
3710635.43   18.76475 (21082021)
        438448.19   3710610.63   19.01657 (20083106)   438445.46
3710585.82   19.05256 (17040819)
        438442.73   3710561.01   18.90300 (17070720)   438440.01
3710536.21   18.79875 (19121418)
        438437.28   3710511.40   18.68113 (18031507)   438548.02
3710673.29   18.06932 (20072119)
        438542.99   3710697.27   18.04046 (20072119)   438537.97
3710721.24   17.75817 (18122506)
        438532.94   3710745.22   17.18281 (20042419)   438527.91
3710769.20   16.13924 (21031719)
        438522.88   3710793.18   15.30145 (19012101)   438517.86
3710817.16   14.87689 (17091321)
        438512.83   3710841.14   15.07270 (20042419)   438507.80
3710865.12   15.22284 (19071920)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438502.78	3710889.09	15.51926	(17072621)	438497.75	3710913.07	15.99596	(19051323)
438492.72	3710937.05	16.54862	(20032619)	438487.69	3710961.03	17.62735	(18031719)
438482.67	3710985.01	18.36968	(18112917)	438477.64	3711008.99	16.86864	(17081721)
438472.61	3711032.97	13.68935	(20030118)	438467.59	3711056.94	10.44203	(19122417)
438462.56	3711080.92	5.54023	(17030518)	438457.53	3711104.90	6.71312	(17030518)
438452.50	3711128.88	9.26392	(20030118)	438447.48	3711152.86	9.73742	(18011920)
438442.45	3711176.84	10.34270	(17122019)	438437.42	3711200.82	10.94093	(21111717)
438432.40	3711224.79	11.39491	(19020522)	438427.37	3711248.77	10.76124	(17032019)
438422.34	3711272.75	9.54009	(19040619)	438417.31	3711296.73	8.30197	(17032019)
438412.29	3711320.71	7.33580	(17022218)	438407.26	3711344.69	7.41065	(17050621)
438402.23	3711368.67	8.81065	(18011920)	438397.21	3711392.64	9.78617	(19051922)
438392.18	3711416.62	9.83197	(19020503)	438368.92	3711456.97	9.76603	(19051921)
438350.69	3711473.34	9.51865	(19051921)	438332.47	3711489.71	9.67274	(19051922)
438314.24	3711506.08	10.91308	(17021107)	438296.01	3711522.45	12.49486	(17091119)
438277.78	3711538.82	13.38736	(17091119)	438259.55	3711555.19	13.79244	(19022818)
438241.32	3711571.56	14.39191	(19120917)	438223.09	3711587.93	14.54907	(19092219)
438204.87	3711604.30	15.01278	(21010317)	438186.64	3711620.67	15.47515	(21010317)
438168.41	3711637.04	15.86585	(19051821)	438150.18	3711653.41	16.22293	(19050623)
438131.95	3711669.78	16.63499	(17010919)	438113.72	3711686.15	16.82427	(17010919)
438095.50	3711702.52	16.86914	(19022819)	438077.27	3711718.89	16.91751	(18020618)
438059.04	3711735.26	17.15945	(18110923)	438040.81	3711751.63	17.21042	(20011619)
438022.58	3711768.00	17.29372	(20052621)	438004.35	3711784.37	17.43114	(20011318)
437986.13	3711800.74	17.40257	(21031019)	437967.90	3711817.11	17.55192	(20052621)

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        437949.67   3711833.48       17.40510  (20090819)                437931.44
3711849.85       17.41262  (20031520)
        437913.21   3711866.22       17.23541  (18052020)                437894.98
3711882.59       17.10653  (18041822)
        437876.75   3711898.96       16.78197  (17042223)                437858.53
3711915.33       16.74060  (19091922)
        437840.30   3711931.70       17.03212  (20050801)                437822.07
3711948.07       17.59048  (18071405)
        437803.84   3711964.44       18.92803  (21081405)                438553.05
3710649.31       17.67975  (21082021)
        438550.32   3710624.50       17.17264  (17041901)                438547.59
3710599.69       16.07761  (17073105)
        438544.86   3710574.89       15.00814  (19022104)                438542.13
3710550.08       14.50597  (21082101)
        438539.41   3710525.27       14.58452  (19040220)                438536.68
3710500.47       14.76144  (18120117)
        438647.34   3710662.72       15.37902  (21072522)                438642.24
3710687.07       16.24501  (20072119)
        438637.13   3710711.42       16.84936  (17012318)                438632.03
3710735.77       16.90980  (19080520)
        438626.93   3710760.11       16.99940  (17121917)                438621.82
3710784.46       16.58811  (19012101)
        438616.72   3710808.81       15.46914  (19012101)                438611.61
3710833.16       14.38613  (18052001)
        438606.51   3710857.50       14.03599  (18062204)                438601.40
3710881.85       14.03952  (18092919)
        438596.30   3710906.20       14.67492  (20040803)                438591.19
3710930.55       16.04617  (20123124)
        438586.09   3710954.89       17.26133  (20040803)                438580.99
3710979.24       17.15467  (18093022)
        438575.88   3711003.59       15.58993  (18031405)                438570.78
3711027.94       14.45700  (20020818)
        438565.67   3711052.28       13.73526  (21042719)                438560.57
3711076.63       12.12143  (19051920)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 475
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
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L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	10.66201	(18022218)	438550.36	3711125.33	9.31930	(19122417)
438545.25	3711149.67	7.54400	(18060620)	438540.15	3711174.02	6.21449	(19051920)
438535.04	3711198.37	4.92127	(19040418)	438529.94	3711222.72	7.49634	(17030518)
438524.84	3711247.06	9.92451	(21111717)	438519.73	3711271.41	10.76344	(17020519)
438514.63	3711295.76	10.63934	(19040619)	438509.52	3711320.11	11.00789	(19040619)
438504.42	3711344.45	11.21518	(19040619)	438499.31	3711368.80	10.77055	(19051923)
438494.21	3711393.15	10.37408	(19051923)	438489.10	3711417.50	10.54131	(18052319)
438484.00	3711441.84	10.60475	(19020918)	438478.89	3711466.19	10.39420	(19020918)
438455.28	3711507.16	9.59441	(19020918)	438436.77	3711523.78	9.27958	(17081019)
438418.26	3711540.40	8.91908	(18122502)	438399.75	3711557.02	8.95456	(19020519)
438381.25	3711573.65	10.42774	(19022101)	438362.74	3711590.27	12.31740	(17091119)
438344.23	3711606.89	13.97580	(20102318)	438325.72	3711623.51	14.59977	(17112519)
438307.21	3711640.13	14.52425	(17022721)	438288.70	3711656.75	14.71072	(21102418)
438270.19	3711673.38	14.69661	(20042624)	438251.68	3711690.00	14.60645	(21010317)
438233.17	3711706.62	14.84701	(20042624)	438214.67	3711723.24	15.19609	(19050623)
438196.16	3711739.86	15.59254	(18052003)	438177.65	3711756.48	15.72909	(19011717)
438159.14	3711773.11	15.71425	(19022819)	438140.63	3711789.73	15.99981	(21072620)
438122.12	3711806.35	16.17783	(18110923)	438103.61	3711822.97	16.22069	(18020618)
438085.10	3711839.59	16.28370	(20052621)	438066.60			

3711856.21   16.41206 (21031019)
        438048.09   3711872.84   16.41191 (21031019)   438029.58
3711889.46   16.50646 (18052020)
        438011.07   3711906.08   16.34736 (20061320)   437992.56
3711922.70   16.39606 (20031520)
        437974.05   3711939.32   16.29637 (20042621)   437955.54
3711955.94   16.13888 (18041822)
        437937.03   3711972.57   15.69847 (20032303)   437918.52
3711989.19   15.56720 (19091922)
        437900.02   3712005.81   15.53415 (20012007)   437881.51
3712022.43   16.17402 (21081203)
        437863.00   3712039.05   17.25657 (18071405)   437844.49
3712055.67   18.73798 (20082924)
        438652.45   3710638.38   14.72205 (20083106)   438649.72
3710613.57   14.18799 (17041901)
        438646.99   3710588.76   13.71207 (17040420)   438644.26
3710563.96   13.51514 (20083106)
        438641.54   3710539.15   13.55968 (21082101)   438638.81
3710514.34   13.95990 (19040220)
        438636.08   3710489.54   14.15534 (17021821)   438746.81
3710651.47   13.31737 (21031421)
        438741.77   3710675.50   13.79934 (17082504)   438736.74
3710699.52   14.25068 (17082504)
        438731.70   3710723.55   14.59715 (21031719)   438726.66
3710747.58   15.10876 (18022306)
        438721.62   3710771.61   15.78583 (17121917)   438716.59
3710795.63   15.89710 (21031719)
        438711.55   3710819.66   15.47423 (19041719)   438706.51
3710843.69   14.43286 (21092420)
        438701.48   3710867.71   14.12554 (20042419)   438696.44
3710891.74   13.83350 (19071920)
        438691.40   3710915.77   14.10226 (18041206)   438686.36
3710939.80   15.04780 (18112919)
        438681.33   3710963.82   16.04757 (18112917)   438676.29
3710987.85   16.48224 (18112919)
        438671.25   3711011.88   16.29089 (17041920)   438666.21
3711035.90   16.01326 (17070621)
        438661.18   3711059.93   16.07782 (21072621)   438656.14
3711083.96   16.21566 (17040820)
        438651.10   3711107.99   15.16872 (18042404)   438646.06
3711132.01   13.75878 (17041804)
        438641.03   3711156.04   12.35252 (17022318)   438635.99
3711180.07   10.65708 (20030118)
 *** AERMOD - VERSION 24142 ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass BESS\Compass\Compass.isc   ***   11/21/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   07:59:17

                                  PAGE 476
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438630.95	3711204.09	9.15764	(20030118)	438625.92	3711228.12	8.76249	(21111717)
438620.88	3711252.15	8.73955	(17122019)	438615.84	3711276.18	8.19950	(18060620)
438610.80	3711300.20	4.95690	(19051921)	438605.77	3711324.23	3.46561	(19021718)
438600.73	3711348.26	6.75772	(19051921)	438595.69	3711372.28	8.71107	(17032220)
438590.65	3711396.31	9.72763	(19040619)	438585.62	3711420.34	10.02838	(19051923)
438580.58	3711444.37	9.74480	(19051923)	438575.54	3711468.39	9.23716	(17022218)
438570.50	3711492.42	8.64035	(19051921)	438565.47	3711516.45	7.83387	(19051922)
438542.16	3711556.88	7.69684	(18051319)	438523.90	3711573.28	7.97408	(21031521)
438505.63	3711589.68	8.34292	(19022102)	438487.37	3711606.09	9.13355	(18052319)
438469.10	3711622.49	10.67393	(19022101)	438450.84	3711638.89	12.62248	(18040619)
438432.57	3711655.29	13.13238	(19050702)	438414.31	3711671.70	13.79485	(19021419)
438396.04	3711688.10	14.08128	(17112519)	438377.78	3711704.50	14.47494	(19092219)
438359.51	3711720.91	14.60980	(18091022)	438341.25	3711737.31	14.70743	(21072521)
438322.98	3711753.71	14.78304	(20042624)	438304.71	3711770.12	14.75170	(21072521)

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        438286.45   3711786.52       14.98767  (18052003)               438268.18
3711802.92       15.23931  (17031123)
        438249.92   3711819.32       15.17484  (20041724)               438231.65
3711835.73       15.26580  (20040220)
        438213.39   3711852.13       15.24620  (21072620)               438195.12
3711868.53       15.27301  (18041904)
        438176.86   3711884.94       15.25261  (18021605)               438158.59
3711901.34       15.39319  (21091321)
        438140.33   3711917.74       15.40910  (19051720)               438122.06
3711934.14       15.53016  (19090420)
        438103.80   3711950.55       15.45457  (21091321)               438085.53
3711966.95       15.57821  (20052621)
        438067.27   3711983.35       15.47054  (20031221)               438049.00
3711999.76       15.43929  (20031520)
        438030.73   3712016.16       15.06439  (18052020)               438012.47
3712032.56       14.99229  (18022621)
        437994.20   3712048.97       14.87312  (20032303)               437975.94
3712065.37       14.86951  (18050722)
        437957.67   3712081.77       15.26205  (20012007)               437939.41
3712098.17       15.78082  (20012007)
        437921.14   3712114.58       15.58070  (21082702)               437902.88
3712130.98       16.43846  (21081405)
        437884.61   3712147.38       17.73440  (21082702)               438751.85
3710627.44       12.95000  (17041901)
        438749.12   3710602.64       12.68769  (17012021)               438746.39
3710577.83       12.44562  (20030220)
        438743.66   3710553.02       12.45020  (17012021)               438740.94
3710528.22       12.70875  (18033019)
        438738.21   3710503.41       12.92296  (19040220)               438735.48
3710478.60       12.96850  (20051119)
        437306.53   3710616.73       58.39172  (18123121)               437313.98
3710595.52       59.29162  (21121417)
        437321.42   3710574.31       56.57539  (19012102)               437361.16
3710612.07       50.04483  (19021719)
        437368.60   3710590.86       49.30575  (20030220)               437415.78
3710607.42       52.50421  (19012101)
        437433.19   3710708.81       46.70931  (18112917)               437480.37
3710725.37       44.66355  (18112917)
        437582.17   3710737.27       39.88126  (17040820)               437676.53
3710770.38       17.90012  (19040418)
        437683.97   3710749.17       19.36008  (18123121)               437716.27
3710808.14        8.81449  (17050621)
        437723.71   3710786.93        8.77804  (19020517)               438595.27
3711021.29       15.84788  (17092720)
        438674.75   3711096.83       15.98500  (17032219)               438682.19
3711075.62       15.80683  (17032223)
        437329.33   3710551.33       54.32559  (17012018)               437337.14
3710528.63       53.36944  (21101617)
        437344.96   3710505.93       50.31054  (18122505)               437352.77
3710483.23       48.44293  (19021020)
```

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437392.23   3710522.20   43.65619 (19021719)   437400.05
3710499.51   39.27413 (20110820)
        437423.89   3710583.87   51.49307 (18120117)   437431.70
3710561.17   48.13633 (18120117)
        437439.51   3710538.48   44.04039 (21122603)   437447.32
3710515.78   35.14205 (18101218)
        437471.16   3710600.14   47.99727 (18020519)   437478.98
3710577.45   44.71083 (17021619)
        437486.79   3710554.75   35.19757 (21122603)   437494.60
3710532.05   14.63228 (19060218)
        437518.44   3710616.42   44.39331 (18050919)   437526.25
3710593.72   42.08398 (20022618)
        437534.07   3710571.02   36.11993 (17041319)   437541.88
3710548.33   12.63218 (21122603)
        437589.16   3710564.60   9.69229 (19040618)   437620.81
3710626.27   35.38385 (19051919)
        437723.18   3710636.11   8.20213 (17012017)   437770.46
3710652.39   7.69783 (17012017)
        437778.27   3710629.69   7.05099 (17012017)   437872.82

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3710662.24        6.16144  (19040618)
        438345.60   3710824.97       20.13029  (19052002)                438432.34
3710880.21       18.81310  (18041206)
        438440.16   3710857.51       17.77138  (18041206)                438511.27
3710958.15       17.41037  (17070524)
        438519.09   3710935.45       16.11443  (18082321)                438526.90
3710912.76       15.16731  (19052002)
        438534.71   3710890.06       14.58001  (18041206)                438605.83
3710990.70       16.23890  (18112917)
        438613.64   3710968.00       17.28354  (19051323)                438621.46
3710945.30       16.73928  (17092720)
        438629.27   3710922.61       15.28366  (18062204)                438692.57
3711045.94       15.29223  (18071924)
        438700.39   3711023.24       15.55162  (18031719)                438708.20
3711000.55       15.92883  (17041920)
        438716.01   3710977.85       15.65768  (18112917)                438723.82
3710955.15       14.69878  (18112919)
        437354.00   3710454.83       48.40778  (18021907)                437343.58
3710413.15       39.29513  (19012103)
        437401.68   3710461.64       33.30046  (20110818)                437397.29
3710421.87       32.64954  (18021907)
        437450.09   3710451.88       18.77011  (17042018)                437445.80
3710409.74       18.63451  (21122408)
        437498.70   3710437.39       15.55157  (17042018)                437497.06
3710475.25       15.48608  (19060218)
        437494.31   3710397.61       15.71977  (20101417)                437547.15
3710426.61       13.28348  (21012519)
        437545.39   3710467.18       13.23251  (21012518)                437543.64
3710507.75       12.64953  (19040518)
        437542.82   3710385.49       13.31276  (18121016)                437595.61
3710415.50       11.59677  (21012517)
        437593.77   3710458.10       11.53039  (21012507)                437591.92
3710500.70       10.59318  (20101417)
        437591.32   3710373.36       11.44161  (20101417)                437644.18
3710401.95       10.37965  (21012517)
        437642.46   3710441.71       10.06994  (21012517)                437640.74
3710481.47        9.43873  (21012507)
        437639.02   3710521.23        9.06875  (19060218)                437637.29
3710560.99        8.25966  (20120708)
        437639.83   3710361.23        9.93614  (20101417)                437692.65
3710390.60        9.28518  (19123016)
        437690.86   3710431.91        8.76979  (21101617)                437689.08
3710473.22        8.40349  (21012507)
        437687.29   3710514.53        7.91486  (19060218)                437685.50
3710555.84        7.14687  (17111808)
        437688.34   3710349.11        8.69987  (20101417)                437741.13
3710379.12        8.05560  (19123016)
        437739.29   3710421.72        7.65929  (21012519)                437737.44
3710464.32        7.54046  (21012507)
        437735.60   3710506.92        6.80249  (21012517)                437733.76
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3710549.52   6.37076 (17111808)
        437736.84   3710336.98   7.68061 (19021722)   437789.68
3710365.98   6.96132 (19123016)
        437787.93   3710406.55   6.99558 (21012519)   437786.17
3710447.12   6.96672 (21012507)
        437784.41   3710487.69   6.27856 (19060218)   437782.66
3710528.26   5.82316 (21021017)
        437780.90   3710568.83   5.74812 (17111808)   437785.35
3710324.85   6.81268 (20101417)
        437886.65   3710342.74   5.46400 (20101417)   437884.81
3710385.34   5.79456 (21012519)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437882.97   3710427.94   5.55381 (21012518)   437881.12
3710470.54   5.13684 (21012507)
        437879.28   3710513.14   4.71158 (21012517)   437877.43
3710555.74   4.72232 (17111808)
        437875.59   3710598.34   4.87043 (20020517)   437882.37
3710300.60   5.48861 (20101417)
        437983.68   3710318.11   4.47092 (20101417)   437981.87
3710359.96   4.90778 (21012519)
        437980.06   3710401.82   4.43300 (21012519)   437978.25
3710443.67   4.45596 (21012507)

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        437976.44   3710485.52        3.91954  (21012507)              437974.63
3710527.37        3.94941  (17111808)
        437972.81   3710569.23        3.97419  (17111808)              437971.00
3710611.08        4.07392  (20120708)
        437979.38   3710276.35       12.04823  (21012507)              438080.71
3710293.59       24.25656  (21121420)
        438078.92   3710334.89       19.11026  (17012019)              438077.13
3710376.20        4.22300  (21012518)
        438075.35   3710417.51        3.89264  (21012507)              438073.56
3710458.82        3.39708  (20120708)
        438071.77   3710500.13        3.35212  (21070806)              438069.98
3710541.44        3.38092  (17111808)
        438068.19   3710582.75        3.39222  (21070806)              438076.39
3710252.09       24.47984  (19050519)
        438177.70   3710269.98       22.48874  (18041601)              438175.85
3710312.58       21.77294  (17011819)
        438174.01   3710355.18       22.04571  (18071401)              438172.16
3710397.78       22.35043  (20051221)
        438170.32   3710440.38       19.12272  (21060920)              438168.48
3710482.98       16.74475  (18012017)
        438166.63   3710525.58       16.44006  (18120117)              438164.79
3710568.18       16.73196  (18122506)
        438173.41   3710227.84       22.35259  (17020718)              438274.72
3710245.46       17.97088  (19050119)
        438272.90   3710287.54       18.77398  (20051221)              438271.08
3710329.61       20.50450  (17051120)
        438269.26   3710371.68       21.17973  (20051221)              438267.44
3710413.76       20.79516  (18051006)
        438265.62   3710455.83       20.36352  (18012004)              438263.79
3710497.90       19.50211  (19040220)
        438261.97   3710539.98       19.46691  (20051119)              438270.42
3710203.58       17.83398  (19050519)
        438371.75   3710221.00       18.10667  (20051220)              438369.94
3710262.65       18.66312  (19030223)
        438368.14   3710304.30       19.15941  (17051120)              438366.34
3710345.96       19.01197  (20122117)
        438364.53   3710387.61       18.43759  (18042019)              438362.73
3710429.26       18.27247  (21012006)
        438360.93   3710470.92       18.60624  (19051924)              438359.12
3710512.57       19.22804  (19121517)
        438367.44   3710179.33       17.67912  (19032719)              438468.74
3710197.22       18.01000  (21121420)
        438466.89   3710239.82       17.71240  (19030223)              438465.05
3710282.42       17.96350  (17051120)
        438463.21   3710325.02       18.50215  (17032620)              438461.36
3710367.62       17.89518  (17032620)
        438459.52   3710410.22       16.80312  (18031507)              438457.67
3710452.82       16.58149  (17092423)
        438455.83   3710495.42       17.08780  (18122504)              438464.45
3710155.08       18.10529  (21081321)
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        438565.76   3710172.76       16.70006  (19121317)               438563.94
3710214.95       17.02815  (18041622)
        438562.11   3710257.15       17.18820  (19101218)               438560.28
3710299.34       17.25075  (19052001)
        438558.46   3710341.54       17.21692  (21040303)               438556.63
3710383.73       17.28048  (17092423)
        438554.80   3710425.92       16.92809  (17092423)               438552.98
3710468.12       15.36655  (18012004)
        438536.54   3710847.87       14.50031  (21100424)               438561.47
3710130.82       15.41394  (20051220)
        438662.78   3710148.34       14.20328  (19121317)               438660.97
3710190.19       15.22166  (17011819)
        438659.16   3710232.04       16.22701  (18011823)               438657.35
3710273.89       16.08698  (18071401)
        438655.54   3710315.75       15.17059  (17012303)               438653.73
3710357.60       14.94873  (18021618)
        438651.91   3710399.45       15.43206  (17021821)               438650.10
3710441.30       14.99952  (19081302)
        438631.99   3710859.83       14.06980  (20042419)               438658.48
3710106.57       14.53448  (21092603)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 479
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        438759.78   3710124.46       13.15698  (19121317)               438757.94
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3710167.06 13.07978 (18041601)
438756.09 3710209.66 13.72642 (20051221) 438754.25
3710252.26 14.59344 (19052701)
438752.41 3710294.86 14.69505 (19012024) 438750.56
3710337.46 14.26956 (21040303)
438748.72 3710380.05 13.28641 (18031507) 438746.87
3710422.65 13.34996 (18051006)
438728.43 3710848.65 14.17585 (19071521) 438726.59
3710891.25 13.41825 (18100919)
438755.49 3710082.32 13.39638 (17041419) 437346.05
3710385.82 30.24661 (21012507)
437396.03 3710387.04 36.91209 (19012103) 437446.52
3710367.92 17.09568 (20101417)
437496.50 3710369.14 14.80330 (20101417) 437995.36
3710422.03 4.46475 (19020517)
437996.35 3710381.35 4.50905 (21012519) 438094.83
3710444.81 3.35878 (21021017)
438095.82 3710404.13 3.58098 (21101617) 438194.80
3710447.25 21.68500 (17092423)
438195.80 3710406.57 22.18135 (21020919) 438294.77
3710449.69 20.53328 (19012023)
438295.77 3710409.01 20.30153 (18031507) 438394.74
3710452.13 18.97141 (18012004)
438395.74 3710411.45 19.03935 (17080201) 438494.71
3710454.57 15.31618 (19081302)
438495.71 3710413.89 16.40490 (17092423) 438594.68
3710457.01 15.53436 (19081302)
438595.68 3710416.33 16.69932 (19012023) 438694.65
3710459.46 13.79025 (17081803)
438695.65 3710418.78 14.57802 (17092423) 438794.62
3710461.90 12.43152 (19012023)
438795.62 3710421.22 12.50979 (18120117) 437341.85
3710350.28 28.73217 (17042018)
437325.75 3710319.20 33.15788 (21122216) 437302.93
3710287.45 36.03066 (18040818)
437382.46 3710321.10 23.35674 (19021722) 437391.84
3710351.50 36.68559 (19012103)
437366.35 3710290.02 27.49043 (21122216) 437343.53
3710258.27 29.06883 (21122216)
437424.00 3710294.96 21.61953 (18041718) 437435.26
3710331.44 20.66330 (17042018)
437406.96 3710260.84 23.22330 (21122216) 437384.14
3710229.09 24.00942 (18040818)
437464.33 3710264.91 16.20192 (21012518) 437475.05
3710299.66 16.55439 (19040118)
437485.78 3710334.40 14.76360 (19021722) 437447.56
3710231.67 19.58830 (19012817)
437424.74 3710199.91 20.02336 (18040818) 437504.78
3710235.25 13.72041 (21012518)
437515.21 3710269.03 13.73790 (21021017) 437525.64

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437712.65	3710265.80	8.17742	(21012517)	437723.91	3710302.28	8.26421	(19021722)
437650.57	3710085.77	8.68310	(19101917)	437627.75	3710054.01	9.69640	(21040418)
437708.10	3710090.35	7.62606	(21122216)	437719.14	3710126.11	7.70281	(21012507)
437730.18	3710161.88	7.15772	(21021017)	437741.22	3710197.64	6.91612	(21122408)
437752.26	3710233.41	7.42378	(19020617)	437763.30	3710269.17	7.74289	(21012517)
437774.33	3710304.94	7.28181	(17042018)	437691.17	3710056.59	7.68808	(21040418)
437668.35	3710024.83	8.67446	(21040418)	437789.42	3710032.35	6.19334	(21012519)
437800.68	3710068.83	6.29638	(19040118)	437811.94	3710105.31	5.76006	(20110822)
437823.20	3710141.79	5.89909	(20110822)	437834.46	3710178.27	6.17988	(19020617)
437845.71	3710214.75	6.43493	(17042018)	437856.97	3710251.23	6.11453	(17042018)
437772.38	3709998.23	5.99699	(21012518)	437749.56	3709966.48	7.03482	(21040418)
437870.70	3709974.25	5.29530	(19021722)	437882.13	3710011.26	5.18253	(19040118)
437893.55	3710048.27	4.85836	(17042018)	437904.97	3710085.28	4.90677	(21021017)
437916.39	3710122.29	5.22124	(21122408)	437927.82	3710159.30	12.10184	(19012103)
437939.24	3710196.30	12.85701	(21012506)	437950.66	3710233.31	11.36664	(20110818)
437853.58	3709939.87	5.16230	(21012518)	437830.76	3709908.12	5.79496	(21040418)
437951.76	3709915.40	4.61997	(19021722)	437962.88	3709951.43	4.38958	(21121717)
437974.00	3709987.46	4.09804	(21121717)	437985.12	3710023.49	4.37885	(21121717)
437996.24	3710059.52	8.21590	(19021020)	438007.36	3710095.55	11.85124	(21012506)
438018.48	3710131.58	15.98992	(21051319)	438029.60	3710167.61	20.61367	(18122505)
438040.72	3710203.64	23.46719	(21110618)	438051.84	3710239.67	24.78909	(18032719)

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        438062.96   3710275.70       24.98908  (19050119)               437934.79
3709881.51        4.50302  (21012518)
        437911.97   3709849.76        4.66380  (18020117)               438033.03
3709857.27        4.06610  (21012519)
        438044.29   3709893.75        4.65936  (18021907)               438055.55
3709930.23       12.04449  (21031522)
        438066.81   3709966.71       16.85436  (21022218)               438078.07
3710003.19       18.63054  (19021020)
        438089.33   3710039.67       18.76898  (20032521)               438100.59
3710076.15       19.45548  (20032521)
        438111.85   3710112.63       22.78692  (17041621)               438123.11
3710149.11       23.64222  (17041621)
        438134.37   3710185.59       23.50336  (21061019)               438145.63
3710222.07       23.02958  (19012106)
        438156.88   3710258.55       22.93124  (18122505)               438015.99
3709823.15        3.96527  (21012518)
        437993.17   3709791.40        4.08571  (21040418)               438114.29
3709799.09        3.56675  (21012507)
        438125.67   3709835.94        4.99015  (18041219)               438137.04
3709872.79        7.50228  (19012105)
        438148.41   3709909.64        9.49923  (19021020)               438159.79
3709946.49       12.18468  (19012105)
        438171.16   3709983.34       13.91826  (21051319)               438182.53
3710020.19       14.48570  (21051319)
        438193.91   3710057.03       15.21174  (21020718)               438205.28
3710093.88       16.23789  (19012103)
        438216.65   3710130.73       16.86494  (19051901)               438228.02
3710167.58       17.77958  (19021721)
        438239.40   3710204.43       18.16152  (18041622)               438250.77
3710241.28       18.79195  (21120817)
        438284.89   3710351.82       19.81289  (17051120)               438097.20
3709764.79        3.40201  (19021722)
        438074.38   3709733.04        3.49780  (21040418)               438195.55
3709740.89        8.45796  (20120417)
        438207.01   3709778.04       10.88090  (17012024)               438218.48
3709815.20       12.53542  (21012505)
        438229.95   3709852.36       12.37240  (21121617)               438241.42
3709889.51       13.07817  (21051319)
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BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 481
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
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                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438252.89   3709926.67       15.91231  (20032521)               438264.35
3709963.82       16.98443  (20032521)
        438275.82   3710000.98       17.48137  (19021619)               438287.29
3710038.13       16.85411  (19012103)
        438298.76   3710075.29       17.99345  (18032719)               438310.22
3710112.44       18.02829  (18032719)
        438321.69   3710149.60       17.67822  (18030221)               438333.16
3710186.76       17.39824  (19050519)
        438344.63   3710223.91       17.73783  (18112217)               438390.50
3710372.53       19.18623  (21012006)
        438178.40   3709706.43        3.29353  (21012518)               438155.58
3709674.68        3.06573  (21121718)
        438276.65   3709682.19       10.03571  (17012024)               438287.91
3709718.67       15.43990  (19022023)
        438299.17   3709755.15       17.37687  (18120217)               438310.43
3709791.63       17.79788  (18090405)
        438321.68   3709828.11       18.45252  (20021021)               438332.94
3709864.59       19.12303  (17030619)
        438344.20   3709901.07       18.83667  (19011217)               438355.46
3709937.55       18.27486  (17072624)
        438366.72   3709974.03       18.07342  (19062220)               438377.98
3710010.51       18.16232  (21013018)
        438389.24   3710046.99       17.81893  (21060202)               438400.50
3710083.47       18.19208  (21082720)
        438411.76   3710119.95       18.73638  (21120817)               438423.02
3710156.43       18.84079  (18042222)
        438434.28   3710192.91       18.21517  (20051319)               438445.54
3710229.39       17.62780  (21110918)
        438484.94   3710357.07       18.03634  (21040303)               438259.61
3709648.07        5.23375  (21120317)
        438236.79   3709616.32        4.38352  (21011317)               438357.90
3709623.97        9.73250  (19022318)
        438369.24   3709660.74        9.19732  (20120417)               438380.59
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3709771.03       15.22995  (21031522)
        438414.63   3709807.79       17.40614  (17012020)                438425.97
3709844.55       17.90750  (19011217)
        438437.32   3709881.31       17.31404  (21041921)                438448.67
3709918.08       16.12906  (17072624)
        438460.01   3709954.84       15.81991  (21052219)                438471.36
3709991.60       15.63893  (19032918)
        438482.71   3710028.37       16.03201  (20032419)                438494.05
3710065.13       16.27091  (21061019)
        438505.40   3710101.89       15.91487  (21082720)                438516.75
3710138.65       16.52370  (18112217)
        438528.09   3710175.42       17.51933  (19121317)                438539.44
3710212.18       17.34058  (18112217)
        438573.48   3710322.47       17.03939  (20122117)                438584.83
3710359.23       16.74584  (20062006)
        438340.81   3709589.72        9.60849  (21121117)                438317.99
3709557.96        8.94020  (17012022)
        438439.14   3709565.74       14.23985  (18120123)                438450.56
3709602.75       14.81237  (20011217)
        438461.98   3709639.76       14.61596  (20050219)                438473.41
3709676.76       13.47264  (20021021)
        438484.83   3709713.77       12.29216  (21120119)                438496.25
3709750.78       12.97272  (17091322)
        438507.67   3709787.79       13.56210  (17091322)                438519.10
3709824.80       14.75565  (19021619)
        438530.52   3709861.81       16.02919  (20032919)                438541.94
3709898.82       16.56335  (20090920)
        438553.36   3709935.83       16.67524  (17082403)                438564.79
3709972.83       16.74000  (18022419)
        438576.21   3710009.84       16.77420  (17072603)                438587.63
3710046.85       16.47860  (21082720)
        438599.05   3710083.86       15.06231  (17022722)                438610.47
3710120.87       14.58404  (21092603)
        438621.90   3710157.88       15.05628  (19121317)                438633.32
3710194.89       15.86663  (17041419)
        438679.01   3710342.92       14.57962  (21040303)                438690.43
3710379.93       14.17883  (19073121)
        438422.02   3709531.36       13.80404  (17011318)                438399.20
3709499.60       13.76920  (17021823)
        438520.38   3709507.49       15.23339  (20100919)                438531.87
3709544.71       15.23359  (21051722)
        438543.35   3709581.94       15.56690  (18120217)                438554.84
3709619.16       15.27396  (17041119)
        438566.33   3709656.39       15.24357  (17110418)                438577.82
3709693.61       15.49269  (21051223)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438589.31	3709730.83	15.67077	(19011217)	438600.80	3709768.06	15.64076	(21091820)
438612.29	3709805.28	14.94248	(19093018)	438623.78	3709842.51	13.78049	(20032919)
438635.27	3709879.73	14.07346	(20032919)	438646.76	3709916.96	15.12669	(19032918)
438658.24	3709954.18	15.90027	(18030221)	438669.73	3709991.41	16.00868	(21100819)
438681.22	3710028.63	15.91055	(21100819)	438692.71	3710065.86	15.42098	(19032719)
438704.20	3710103.08	14.78448	(17041419)	438715.69	3710140.30	13.73881	(21042420)
438727.18	3710177.53	13.58550	(17011819)	438773.13	3710326.43	14.31081	(19073121)
438784.62	3710363.65	13.30593	(17092423)	438503.22	3709473.00	15.21774	(19040521)
438480.40	3709441.24	14.93118	(19120621)	437273.32	3710263.86	39.45130	(18040818)
437239.83	3710241.54	44.83805	(20041418)	437317.80	3710233.42	31.94089	(18040818)
437284.31	3710211.10	33.16642	(20020717)	437250.82	3710188.77	31.81737	(18020117)
437358.40	3710204.24	25.94696	(17101217)	437328.79	3710180.66	25.47005	(17101217)

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        437295.30   3710158.33       27.88478  (20041418)              437386.13
3710162.64       22.35129  (20090918)
        437356.52   3710139.05       21.86063  (20033118)              437323.03
3710116.73       22.75950  (20041418)
        437413.87   3710121.04       19.29278  (17101217)              437439.60
3710145.88       18.83052  (17101217)
        437384.25   3710097.45       19.03689  (20033118)              437350.76
3710075.13       19.63432  (17040418)
        437441.60   3710079.43       16.76189  (17101217)              437467.34
3710104.28       16.12537  (21020617)
        437411.99   3710055.85       16.51402  (18040818)              437378.50
3710033.52       17.16360  (17040418)
        437469.33   3710037.83       14.64378  (17101217)              437495.07
3710062.68       14.48680  (19012717)
        437520.81   3710087.53       14.08026  (17101217)              437439.72
3710014.24       14.72254  (20020717)
        437406.23   3709991.92       14.94739  (18020117)              437497.07
3709996.23       12.86287  (17101217)
        437522.81   3710021.07       13.05323  (19040118)              437548.54
3710045.92       12.84377  (17101217)
        437467.45   3709972.64       13.12122  (20033118)              437433.96
3709950.31       12.99815  (18020117)
        437526.41   3709956.18       11.41119  (17101217)              437555.36
3709984.13       11.58360  (19040118)
        437584.32   3710012.08       11.48885  (17101217)              437495.19
3709931.04       11.73086  (20033118)
        437461.70   3709908.71       11.39903  (18020117)              437553.96
3709914.40       10.12654  (17101217)
        437582.56   3709942.01       10.32217  (18041718)              437611.16
3709969.62       10.26992  (21020617)
        437639.76   3709997.23        9.63455  (18040818)              437522.92
3709889.43       10.54415  (20033118)
        437489.43   3709867.11       10.06887  (18020117)              437609.17
3709830.94        8.07918  (17101217)
        437637.25   3709858.05        8.37568  (20090918)              437665.33
3709885.16        8.06353  (19012717)
        437693.40   3709912.26        8.44105  (17101217)              437721.48
3709939.37        7.60572  (21040418)
        437578.39   3709806.23        8.63699  (20033118)              437544.90
3709783.90        8.00632  (18020117)
        437664.46   3709747.56        6.71772  (20041518)              437692.18
3709774.32        7.18813  (17101217)
        437719.89   3709801.08        6.97932  (19040118)              437747.61
3709827.84        6.90591  (21020617)
        437775.33   3709854.60        6.81900  (17101217)              437803.05
3709881.36        6.31126  (21040418)
        437633.86   3709723.02        7.18602  (20041418)              437600.37
3709700.69        6.49777  (18020117)
        437719.79   3709664.23        5.72364  (20041518)              437747.25
3709690.73        5.96631  (17101217)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437655.83   3709617.49   5.39736 (20101117)   437776.01
3709581.74   4.93462 (20041518)
        437804.97   3709609.70   5.03857 (17101217)   437833.92
3709637.65   5.10081 (19122116)
        437862.88   3709665.61   5.09829 (19122116)   437891.83
3709693.56   5.10738 (21020617)
        437920.79   3709721.51   4.90767 (18040818)   437949.74
3709749.47   4.68497 (21040418)
        437744.79   3709556.61   5.16238 (20033118)   437711.30
3709534.28   4.60840 (20101117)
        437831.30   3709498.36   4.29268 (20041518)   437859.90
3709525.97   4.32606 (20041518)
        437888.50   3709553.58   4.47859 (19122116)   437917.09
3709581.19   4.35185 (19012717)
        437945.69   3709608.80   4.44251 (19122116)   437974.29

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3709636.41        4.48387  (17101217)
        438002.88   3709664.02        4.21265  (21040418)                438031.48
3709691.63        4.03845  (21040418)
        437800.26   3709473.40        4.44544  (20033118)                437766.77
3709451.07        3.97905  (20101117)
        437886.62   3709415.02        3.76455  (20041518)                437914.94
3709442.35        3.81768  (20041518)
        437943.25   3709469.69        3.95025  (17101217)                437971.56
3709497.02        3.94643  (18041718)
        437999.87   3709524.35        3.87660  (19040118)                438028.18
3709551.68        3.89616  (19122116)
        438056.49   3709579.02        3.80347  (17101217)                438084.80
3709606.35        3.70746  (21040418)
        438113.12   3709633.68        3.39741  (21121717)                437855.72
3709390.19        3.81807  (18020117)
        437822.23   3709367.87        3.46609  (20101117)                437941.97
3709331.70        3.33339  (20041518)
        437970.05   3709358.81        3.39089  (20041518)                437998.13
3709385.91        3.46756  (20090918)
        438026.21   3709413.02        3.35710  (18041718)                438054.28
3709440.13        3.37312  (18040418)
        438082.36   3709467.23        3.48937  (19040118)                438110.44
3709494.34        3.50265  (17101217)
        438138.52   3709521.45        3.28873  (21122216)                438166.59
3709548.55        3.27345  (21040418)
        438194.67   3709575.66        3.18129  (20121817)                437911.19
3709306.98        3.28813  (18020117)
        437877.70   3709284.66        3.17326  (21011417)                437997.34
3709248.40        2.96656  (20020717)
        438025.23   3709275.32        3.02843  (20041518)                438053.11
3709302.24        3.18334  (20090918)
        438080.99   3709329.15        3.11827  (19102017)                438108.87
3709356.07        3.01020  (18040418)
        438136.76   3709382.99        3.02963  (19040118)                438164.64
3709409.91        3.14474  (19040118)
        438192.52   3709436.83        3.03904  (18040818)                438220.40
3709463.75        2.97196  (21122216)
        438248.29   3709490.67        3.07425  (21011317)                438276.17
3709517.58        4.95629  (21022318)
        437966.66   3709223.78        2.85433  (20041518)                437933.17
3709201.45        2.89375  (21011417)
        438053.28   3709165.65        2.65987  (20041518)                438082.11
3709193.48        2.72079  (20041518)
        438110.94   3709221.31        2.87643  (20090918)                438139.76
3709249.14        2.80760  (17101217)
        438168.59   3709276.97        2.68813  (18040418)                438197.41
3709304.80        2.69637  (18040418)
        438226.24   3709332.63        2.78463  (19040118)                438255.07
3709360.46        2.77414  (18040818)
        438283.89   3709388.28        2.70540  (21121717)                438312.72
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3709416.11 4.30886 (21010817)
  438341.55 3709443.94 10.12024 (18010417) 438370.37
3709471.77 13.44465 (19100418)
  438022.13 3709140.57 2.59010 (17012023) 437988.64
3709118.25 2.65375 (21011417)
  438108.64 3709082.33 2.40133 (17012023) 438137.23
3709109.94 2.45435 (20041518)
  438165.83 3709137.55 2.55147 (18040818) 438194.43
3709165.16 2.46567 (17101217)
  438223.03 3709192.77 2.43629 (18041718) 438251.62
3709220.37 2.43641 (18040418)
  438280.22 3709247.98 2.45471 (19040118) 438308.82
3709275.59 2.53522 (19040118)
  438337.42 3709303.20 2.44634 (21040418) 438366.01
3709330.81 9.88137 (21091120)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438394.61	3709358.42	13.74636	(17091521)	438423.21	3709386.03	14.98812	(19032320)
438451.80	3709413.64	14.86717	(17041420)	438077.59	3709057.36	2.38969	(17012023)
438044.10	3709035.04	2.37068	(17012023)	437216.54	3710215.91	36.91838	(17040418)

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        437560.19   3710008.56       11.46770  (21020617)               437925.03
3709745.14        4.88899  (21040418)
        438006.11   3709686.60        4.22350  (21040418)               437280.77
3710233.20       34.78291  (18040818)
        437322.73   3710276.31       32.21665  (21122216)               437378.59
3710253.95       24.86084  (19012817)
        437430.98   3710247.96       21.02618  (18020117)               437616.20
3710338.58       10.48320  (19021722)
        437665.11   3710348.96        9.20615  (20101417)               437762.93
3710369.71        7.37644  (19123016)
        437860.76   3710390.47        6.06085  (21012519)               437867.70
3710357.73        6.02506  (19123016)
        437958.58   3710411.22        4.63962  (21101617)               437965.53
3710378.48        4.87951  (21012519)
        438056.40   3710431.98        3.88339  (21012507)               437265.29
3710160.30       27.68925  (20082918)
        437512.30   3710332.18       13.76539  (19021722)               437555.45
3710357.43       12.30382  (20101417)
        437567.36   3710337.09       11.93077  (19021722)               437617.94
3710448.63       10.62220  (21012517)
        437704.25   3710499.15        7.55862  (21012517)               437716.15
3710478.80        7.71202  (19060218)
        437814.36   3710508.97        5.54644  (19060218)               437826.27
3710488.63        5.59097  (19060218)
        437888.76   3710579.83        4.62706  (17111808)               437900.67
3710559.49        4.52068  (17111808)
        437912.58   3710539.14        4.41443  (17111808)               437998.88
3710589.66        3.80300  (17111808)
        438073.28   3710660.51        3.69853  (20020517)               438085.18
3710640.17        3.45854  (20020517)
        437259.86   3710108.07       22.29120  (19021117)               437229.34
3710080.35       21.48637  (19021117)
        437209.69   3710067.85       19.99462  (19021117)               437190.05
3710055.35       18.06296  (20033118)
        437170.40   3710042.85       15.93628  (18020717)               437150.75
3710030.35       15.15085  (18102017)
        437286.71   3710065.89       19.09236  (19012717)               437308.46
3710096.32       20.99677  (20082918)
        437256.18   3710038.17       18.39496  (19021117)               437236.54
3710025.67       17.06799  (18102017)
        437216.89   3710013.17       16.23864  (21020117)               437197.24
3710000.67       13.84765  (19021117)
        437177.60   3709988.16       13.15231  (18020717)               437315.72
3710026.75       16.04871  (20101117)
        437358.13   3710166.40       23.61565  (17101217)               437283.03
3709995.99       16.25927  (19102017)
        437263.38   3709983.49       15.30230  (19021117)               437243.73
3709970.98       14.32945  (20082918)
        437224.09   3709958.48       12.73373  (19021117)               437204.44
3709945.98       11.89928  (18020717)
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        437341.95   3709983.70       13.95849  (20101117)                437407.20
3710151.47       20.80262  (18041718)
        437400.97   3710193.77       22.13638  (17101217)                437309.87
3709953.81       14.34061  (17010316)
        437290.22   3709941.30       13.49952  (19021117)                437270.58
3709928.80       12.73028  (19021117)
        437250.93   3709916.30       11.80193  (21020117)                437231.29
3709903.80       10.54485  (17022120)
        437368.45   3709941.03       12.27797  (20101117)                437440.96
3710042.47       14.88574  (17101217)
        437336.71   3709911.62       12.36815  (17010316)                437317.07
3709899.12       11.97526  (19021117)
        437297.42   3709886.62       11.35826  (18102017)                437277.77
3709874.12       10.61760  (19021117)
        437258.13   3709861.61        9.64485  (17021020)                437396.26
3709900.20       10.95919  (20101117)
        437474.58   3710009.75       13.40527  (17101217)                437507.20
3710108.94       14.80567  (21122216)
        437497.39   3710175.55       15.36086  (19012817)                437363.56
3709869.44       10.78460  (19021117)
        437343.91   3709856.94       10.67843  (19021117)                437324.26
3709844.44       10.30413  (19021117)
        437304.62   3709831.93        9.71147  (18090307)                437284.97
3709819.43        8.91630  (17021020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 485
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3709793.17   7.47890 (17101217)
        437687.85   3709829.69   7.49241 (19040118)   437713.96
3709866.20   7.66039 (21020617)
        437740.06   3709902.72   7.35887 (17101217)   437766.17
3709939.24   6.82408 (21040418)
        437792.28   3709975.75   5.76769 (18020117)   437788.99
3710105.04   6.20050 (17042018)
        437782.45   3710149.45   6.33062 (19012817)   437775.92
3710193.86   6.74578 (21122408)
        437524.62   3709616.34   5.79911 (19033118)   437504.97
3709603.84   5.76116 (19033118)
        437485.33   3709591.34   5.84634 (17010316)   437465.68
3709578.84   5.79187 (19021117)
        437446.04   3709566.33   5.64817 (18102017)   437611.20
3709563.00   5.14453 (20101117)
        437624.44   3709581.52   5.31495 (20101117)   437637.68
3709600.05   5.41688 (20101117)
        437690.65   3709674.14   6.16886 (17040418)   437703.89
3709692.66   6.02099 (20041518)
        437717.13   3709711.18   6.18105 (17101217)   437730.38
3709729.71   6.51287 (17101217)
        437743.62   3709748.23   6.34342 (18041718)   437756.86
3709766.75   6.38232 (19012717)
        437770.10   3709785.28   6.26406 (19122116)   437783.35
3709803.80   6.57226 (21020617)
        437796.59   3709822.32   6.51239 (17101217)   437809.83
3709840.84   6.19016 (17101217)
        437823.07   3709859.37   6.04933 (21040418)   437836.32
3709877.89   5.84184 (21040418)
        437862.80   3709914.94   5.08333 (21121717)   437876.04
3709933.46   5.00924 (21121717)
        437889.29   3709951.98   5.03592 (19021722)   437899.21
3709993.03   5.05929 (19040118)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935

, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.64	3710105.67	5.30430	(20110822)	437879.32	3710128.20	5.39621	(20110822)
437876.00	3710150.72	5.66166	(19020617)	437872.69	3710173.25	5.79882	(21012517)
437869.37	3710195.78	6.07858	(17042018)	437856.11	3710285.89	5.87484	(17042018)
437852.80	3710308.41	5.85118	(20101417)	437849.48	3710330.94	5.93211	(20101417)
437842.85	3710375.99	6.54615	(21012519)	437839.53	3710398.52	6.25997	(21012519)
437836.22	3710421.05	6.10646	(21101617)	437832.90	3710443.58	6.26039	(21012507)
437829.59	3710466.10	5.91264	(21012507)	437597.95	3709544.48	4.91389	(20101117)
437578.31	3709531.97	4.94243	(19033118)	437558.66	3709519.47	4.94373	(19021117)
437539.01	3709506.97	4.98348	(19021117)	437519.37	3709494.47	4.99014	(17021020)
437499.72	3709481.97	5.01649	(20020717)	437665.03	3709478.84	4.54373	(21011417)
437678.42	3709497.56	4.55140	(20101117)	437691.80	3709516.29	4.63115	(20101117)
437745.36	3709591.20	5.37380	(17040418)	437758.74	3709609.92	5.17806	(20041518)
437772.13	3709628.65	5.22786	(20041518)	437785.52	3709647.38	5.46525	(17101217)
437798.91	3709666.10	5.38587	(19122116)	437812.30	3709684.83	5.47198	(19122116)
437825.68	3709703.56	5.48610	(19122116)	437839.07	3709722.28	5.42432	(19122116)
437852.46	3709741.01	5.71896	(21020617)	437865.85	3709759.74	5.57062	(17101217)
437879.24	3709778.46	5.32930	(21040418)	437892.62	3709797.19	5.23781	(21040418)
437906.01	3709815.92	5.06346	(21040418)	437959.56	3709890.82	4.39606	(19021722)
437986.34	3709928.27	4.80114	(18021907)	437996.37	3709969.78	5.22197	(18041219)

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        437979.62   3710083.65        5.93991  (18041219)               437976.26
3710106.42        8.12052  (19021020)
        437972.91   3710129.20       11.27117  (19012103)               437969.56
3710151.97       12.53388  (18021907)
        437966.21   3710174.75       12.67276  (18021907)               437962.86
3710197.52       12.32009  (21012506)
        437952.80   3710265.85        8.51596  (21122603)               437949.45
3710288.62        4.77288  (20101417)
        437946.10   3710311.40        4.84476  (19021722)               437942.74
3710334.17        4.86389  (19123016)
        437939.39   3710356.94        5.45335  (21012519)               437936.04
3710379.72        5.20826  (21012519)
        437932.69   3710402.49        4.94527  (21012519)               437929.34
3710425.27        5.01556  (19020517)
        437925.98   3710448.04        4.95295  (21012507)               437922.63
3710470.82        4.65257  (21012507)
        437919.28   3710493.59        4.42660  (20120708)               437915.93
3710516.37        4.37504  (17111808)
        437651.64   3709460.11        4.23595  (20101117)               437631.99
3709447.61        4.25805  (19033118)
        437612.35   3709435.11        4.27421  (19033118)               437592.70
3709422.60        4.33131  (17021020)
        437573.06   3709410.10        4.26696  (19021117)               437553.41
3709397.60        4.35572  (21011417)
        437718.83   3709394.63        3.96172  (19012717)               437732.33
3709413.52        3.95920  (20082918)
        437745.84   3709432.41        3.97981  (19101917)               437799.85
3709507.96        4.62685  (20041418)
        437813.35   3709526.85        4.50279  (18040818)               437826.86
3709545.74        4.55387  (20041518)
        437840.36   3709564.62        4.61670  (17101217)               437853.86
3709583.51        4.70411  (19122116)
        437867.37   3709602.40        4.72717  (19102017)               437880.87
3709621.29        4.73188  (19012717)
        437894.37   3709640.18        4.82527  (19122116)               437907.88
3709659.06        4.76047  (19122116)
        437921.38   3709677.95        4.99642  (17101217)               437934.88
3709696.84        4.80555  (17101217)
        437948.39   3709715.73        4.65836  (21040418)               437975.40
3709753.50        4.43280  (21040418)
        438056.42   3709866.83        3.75780  (19040118)               438069.92
3709885.72        4.58671  (18021907)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 487
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438083.42	3709904.61	9.96266	(19012103)	438093.54	3709946.47	15.70381	(21121617)
438090.16	3709969.44	17.34753	(20032521)	438076.64	3710061.32	19.34885	(21040919)
438073.26	3710084.29	20.41025	(20032521)	438069.88	3710107.26	22.08299	(19021020)
438066.50	3710130.24	23.06090	(20032919)	438063.12	3710153.21	23.71223	(21062420)
438059.74	3710176.18	24.26208	(20032419)	438042.83	3710291.03	24.08249	(19040519)
438039.45	3710314.00	20.83906	(19021720)	438036.07	3710336.97	13.16490	(19021721)
438032.69	3710359.95	4.40115	(21012519)	438029.31	3710382.92	4.15995	(21012519)
438025.93	3710405.89	4.07891	(21101617)	438022.55	3710428.86	4.22019	(21012507)
438019.17	3710451.83	3.97210	(21012507)	438015.78	3710474.80	3.72045	(21012507)
438012.40	3710497.77	3.69179	(17111808)	438009.02	3710520.74	3.71848	(21070806)
438005.64	3710543.71	3.75305	(17111808)	438002.26	3710566.68	3.77952	(17111808)
437705.33	3709375.74	3.68800	(20101117)	437685.68	3709363.24	3.71738	(17120117)
437666.04	3709350.74	3.73731	(19101817)	437646.39	3709338.24	3.83898	(17021020)
437626.74	3709325.74	3.77106	(18021418)	437607.10	3709313.23	3.81452	(18021418)
437772.20	3709309.82	3.44591	(19012717)	437785.39			

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3709328.26        3.43549  (20101117)
        437798.57   3709346.71        3.48799  (20101117)                437851.31
3709420.48        3.81007  (20041518)
        437864.50   3709438.92        3.90951  (20020717)                437877.68
3709457.36        3.97615  (20041518)
        437890.87   3709475.81        4.00988  (20041518)                437904.05
3709494.25        4.10242  (19122116)
        437917.24   3709512.69        4.21362  (19122116)                437930.42
3709531.14        4.12997  (18041718)
        437943.61   3709549.58        4.11061  (19012717)                437956.79
3709568.02        4.20932  (19040118)
        437969.98   3709586.46        4.26790  (19122116)                437983.16
3709604.91        4.25671  (21020617)
        437996.35   3709623.35        4.28217  (17101217)                438009.53
3709641.79        4.10077  (21122216)
        438154.57   3709844.66        6.51462  (21012506)                438167.75
3709863.11        7.45682  (19012105)
        438180.94   3709881.55        8.51536  (19012105)                438190.82
3709922.42       11.65740  (19012105)
        438171.02   3710057.00       15.93377  (21020718)                438167.71
3710079.43       17.34582  (21012506)
        438161.11   3710124.29       19.51327  (18122505)                438157.81
3710146.72       21.05867  (19050519)
        438154.51   3710169.15       22.00471  (19050119)                438138.00
3710281.29       23.20667  (18041601)
        438134.70   3710303.72       23.44024  (17041419)                438131.40
3710326.15       23.42673  (19030223)
        438124.80   3710371.01       20.58657  (18021618)                438121.50
3710393.44       15.74279  (19012024)
        438111.59   3710460.73        3.17604  (21012507)                438108.29
3710483.16        3.16792  (17111808)
        438101.69   3710528.02        3.21130  (21070806)                438098.39
3710550.45        3.23757  (17111808)
        438095.09   3710572.88        3.25739  (17111808)                438088.49
3710617.74        3.29027  (17111808)
        437759.02   3709291.38        3.29220  (17120117)                437739.37
3709278.88        3.32293  (17120117)
        437719.72   3709266.37        3.33027  (17040418)                437700.08
3709253.87        3.37750  (17021020)
        437680.43   3709241.37        3.33021  (18021418)                437660.79
3709228.87        3.38195  (18021418)
        437826.00   3709225.61        3.03353  (17120117)                437839.29
3709244.21        3.02209  (20101117)
        437852.59   3709262.80        3.06456  (20101117)                437905.77
3709337.19        3.36658  (20033118)
        437919.06   3709355.78        3.51426  (20020717)                437932.36
3709374.38        3.48059  (18040818)
        437945.65   3709392.98        3.56233  (20041518)                437958.95
3709411.57        3.63814  (19122116)
        437972.24   3709430.17        3.68867  (17101217)                437985.54
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        438228.08   3710306.20       21.64846  (19030223)               438224.75
3710328.82       21.61466  (17032022)
        438221.42   3710351.43       20.84417  (20051819)               438218.09
3710374.05       20.38092  (18071401)
        438201.45   3710487.13       21.60138  (19051924)               438198.12
3710509.75       20.81107  (18122504)
        438194.79   3710532.37       20.67592  (18122507)               438191.46
3710554.98       20.69957  (19121517)
        438188.13   3710577.60       21.00889  (20022618)               438184.80
3710600.21       22.29566  (21090924)
        438181.48   3710622.83       23.02841  (20083106)               438178.15
3710645.45       23.18345  (20072119)
        437812.70   3709207.01        3.03986  (17120117)               437793.06
3709194.51        3.05623  (17120117)
        437773.41   3709182.01        3.01282  (17040418)               437753.77
3709169.51        3.05942  (17021020)
        437734.12   3709157.00        3.05622  (17120117)               437714.47
3709144.50        3.07526  (18021418)
        437879.78   3709141.37        2.73123  (20082918)               437893.17
3709160.10        2.75342  (17120117)
        437906.55   3709178.83        2.72831  (17012023)               437946.72
3709235.01        2.88405  (20041518)
        437960.11   3709253.73        3.02019  (20033118)               437973.49
3709272.46        3.06978  (20041518)
        437986.88   3709291.19        3.13356  (20041518)               438000.27
3709309.91        3.17557  (20041518)
        438013.66   3709328.64        3.26390  (19122116)               438027.05
3709347.36        3.27468  (20090918)
        438040.43   3709366.09        3.34277  (17101217)               438053.82
3709384.82        3.22370  (18041718)
        438067.21   3709403.54        3.22244  (18040418)               438080.60
3709422.27        3.25950  (18040418)
        438093.99   3709441.00        3.33940  (19040118)               438107.37
3709459.72        3.42991  (19040118)
        438134.15   3709497.18        3.33047  (17101217)               438214.48
3709609.54        4.17689  (21020218)
        438321.58   3709759.35       17.43709  (21121617)               438334.97
3709778.08       17.54036  (18090405)
        438348.36   3709796.80       17.79802  (21062421)               438361.74
3709815.53       18.22924  (17110218)
        438375.13   3709834.26       18.40865  (17030619)               438385.17
3709875.76       17.48897  (18092519)
        438381.82   3709898.53       17.09724  (21091802)               438378.46
3709921.31       16.97449  (19011217)
        438361.70   3710035.18       19.14881  (17082403)               438358.35
3710057.95       19.41508  (18022419)
        438355.00   3710080.73       19.45223  (20090920)               438351.65
3710103.50       19.79098  (19032719)
        438348.30   3710126.28       19.36879  (18032719)               438344.94
3710149.05       18.28689  (18012018)
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438328.18 3710262.93 18.00439 (19030223) 438324.83
3710285.70 18.41803 (20051221)
438321.48 3710308.47 18.36036 (21121420) 438318.13
3710331.25 18.34908 (20051221)
438314.78 3710354.02 18.43875 (20051221) 438311.43
3710376.80 18.61440 (21060920)
438294.67 3710490.67 20.52641 (19121418) 438291.31
3710513.45 20.37511 (18120117)
438287.96 3710536.22 19.92111 (19051924) 438284.61
3710559.00 19.18333 (20051119)
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BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
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3709094.79        2.51032  (17012023)
        438000.88   3709151.31        2.63047  (17012023)                438014.35
3709170.15        2.67747  (18020117)
        438027.82   3709188.98        2.74257  (20041518)                438041.29
3709207.82        2.80325  (20041518)
        438054.75   3709226.66        2.82370  (19122116)                438068.22
3709245.50        2.94713  (18040818)
        438081.69   3709264.34        3.01349  (20090918)                438095.16
3709283.17        2.92257  (17101217)
        438108.62   3709302.01        2.92500  (19102017)                438122.09
3709320.85        2.93628  (19012717)
        438135.56   3709339.69        2.92010  (18040418)                438149.03
3709358.53        2.92603  (18040418)
        438162.50   3709377.36        2.99989  (19040118)                438283.70
3709546.91        6.80975  (21120317)
        438310.64   3709584.58        8.26773  (21010417)                438418.38
3709735.29       11.24336  (19012103)
        438431.85   3709754.12       12.36924  (21121617)                438445.32
3709772.96       14.01815  (21031522)
        438458.78   3709791.80       15.52809  (17030619)                438472.25
3709810.64       16.25749  (21012506)
        438482.35   3709852.39       17.30935  (18052520)                438478.97
3709875.30       17.45157  (17062621)
        438475.60   3709898.21       16.98559  (17072624)                438472.23
3709921.12       16.49839  (18041623)
        438458.74   3710012.76       15.63294  (18061306)                438455.37
3710035.67       15.82759  (19071519)
        438452.00   3710058.58       16.08964  (19072920)                438448.63
3710081.49       16.45134  (21061019)
        438445.26   3710104.40       17.08668  (21092603)                438441.88
3710127.31       17.98480  (18122505)
        438425.02   3710241.86       17.80455  (19012024)                438421.65
3710264.77       18.20740  (18041622)
        438418.28   3710287.68       18.58046  (17051120)                438414.91
3710310.59       19.15411  (19101218)
        438411.54   3710333.50       19.15057  (17032620)                438408.16
3710356.41       18.94457  (19030223)
        438387.93   3710493.87       19.03005  (18122504)                438384.56
3710516.78       19.16857  (19121517)
        438381.19   3710539.69       19.30927  (20051119)                438377.82
3710562.60       19.48290  (17032224)
        438374.45   3710585.51       19.93955  (20083106)                438371.07
3710608.42       19.97071  (17012318)
        437920.08   3709038.28        2.50194  (17020419)                437900.43
3709025.78        2.56171  (20082918)
        437880.79   3709013.28        2.52355  (17020419)                437861.14
3709000.77        2.54353  (17021020)
        437841.49   3708988.27        2.55635  (17123117)                437821.85
3708975.77        2.57659  (18021418)
        437987.30   3708972.85        2.30893  (17020419)                438000.84
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3708991.78   2.30497 (19012717)
        438014.38   3709010.72   2.32615 (17012023)   438054.99
3709067.52   2.42601 (17012023)
        438068.52   3709086.46   2.45058 (17012023)   438082.06
3709105.39   2.46752 (17012023)
        438095.60   3709124.33   2.48016 (20041418)   438109.13
3709143.26   2.56260 (20041518)
        438122.67   3709162.19   2.59929 (18040818)   438136.21
3709181.13   2.71544 (18040818)
        438149.74   3709200.06   2.59102 (20041518)   438163.28
3709219.00   2.68283 (17101217)
        438176.82   3709237.93   2.57984 (18041718)   438190.35
3709256.87   2.60289 (18040418)
        438203.89   3709275.80   2.62855 (18040418)   438366.33
3709503.02   12.69332 (19120621)
        438379.87   3709521.95   12.39874 (18010417)   438393.40
3709540.89   13.04785 (20021022)
        438406.94   3709559.82   13.65654 (20011217)   438420.48
3709578.76   14.28028 (18120123)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        438501.70   3709692.36   13.99249 (19022023)   438515.23
3709711.30   13.85948 (21062421)

```
        438528.77   3709730.23       14.02353  (21092618)                438542.31
3709749.17       14.06636  (19011217)
        438555.84   3709768.10       13.91629  (17091322)                438569.38
3709787.04       13.71691  (17091322)
        438579.53   3709829.00       13.42709  (21020718)                438576.14
3709852.03       13.86333  (21012506)
        438572.75   3709875.06       14.43269  (20032919)                438569.36
3709898.08       15.38736  (20032919)
        438552.41   3710013.22       16.95412  (21100819)                438549.02
3710036.25       17.01236  (20032419)
        438545.64   3710059.28       16.74773  (21061019)                438542.25
3710082.30       16.22515  (21082720)
        438538.86   3710105.33       15.57804  (17022722)                438518.52
3710243.50       17.32566  (17032022)
        438515.13   3710266.53       17.52409  (19101218)                438511.74
3710289.55       17.81071  (19101218)
        438508.35   3710312.58       17.88718  (21121419)                438504.97
3710335.61       17.89174  (18042019)
        438498.19   3710381.66       17.63486  (21020919)                438481.24
3710496.80       15.75235  (17070720)
        438477.85   3710519.83       16.37417  (20051119)                438474.46
3710542.86       16.93923  (19040220)
        438471.07   3710565.89       17.73413  (20083106)                437973.77
3708953.91        2.31244  (17020419)
        437954.12   3708941.41        2.32641  (17020419)                437934.47
3708928.91        2.33300  (17020419)
        437914.83   3708916.41        2.33575  (17123117)                437895.18
3708903.91        2.35439  (17123117)
        437875.54   3708891.40        2.36684  (17123117)                438040.77
3708888.18        2.13993  (17020419)
        438054.09   3708906.81        2.13107  (17020419)                438067.41
3708925.44        2.15662  (17012023)
        438080.73   3708944.07        2.19407  (17012023)                438094.05
3708962.70        2.22574  (17012023)
        438107.37   3708981.33        2.25061  (17012023)                438120.69
3708999.96        2.27023  (17012023)
        438134.01   3709018.60        2.21306  (20041518)                438147.33
3709037.23        2.26738  (20041518)
        438160.65   3709055.86        2.30938  (20041518)                438173.97
3709074.49        2.33947  (20041518)
        438187.29   3709093.12        2.39114  (18040818)                438200.61
3709111.75        2.39703  (20090918)
        438213.93   3709130.38        2.36276  (20041518)                438227.25
3709149.01        2.39844  (19102017)
        438240.57   3709167.64        2.34253  (19021723)                438253.89
3709186.27        2.35688  (18040418)
        438280.53   3709223.54        2.38403  (18040418)                438400.40
3709391.22       14.69801  (17041420)
        438413.72   3709409.85       14.97214  (19032320)                438427.04
3709428.48       14.92702  (17110718)
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        438440.36   3709447.11       14.96591  (18031320)               438453.68
3709465.74       15.08341  (19040521)
        438467.00   3709484.37       14.98576  (21042819)               438480.32
3709503.00       15.28373  (20011217)
        438493.64   3709521.63       15.37435  (18092503)               438506.96
3709540.26       15.47584  (18092503)
        438573.56   3709633.42       15.14766  (17041119)               438600.20
3709670.68       15.12642  (21120119)
        438613.52   3709689.31       15.36719  (17110218)               438626.84
3709707.94       15.42337  (18092519)
        438640.16   3709726.57       15.38314  (19021619)               438653.48
3709745.21       15.42726  (21091820)
        438666.80   3709763.84       15.23637  (17091322)               438676.78
3709805.13       15.55130  (18052520)
        438673.45   3709827.78       15.20170  (18041623)               438670.11
3709850.44       14.21072  (20032919)
        438666.78   3709873.10       14.05482  (19021619)               438663.44
3709895.76       14.54412  (17070620)
        438646.77   3710009.05       16.28391  (19012106)               438643.43
3710031.71       16.39502  (18032719)
        438640.10   3710054.37       15.98059  (18122505)               438636.76
3710077.03       15.14362  (19032719)
        438633.43   3710099.69       14.66627  (18112217)               438616.75
3710212.98       16.45279  (18041601)
        438613.42   3710235.64       16.77834  (17032022)               438610.08
3710258.29       16.86314  (19052001)
        438606.75   3710280.95       16.58110  (19101218)               438603.41
3710303.61       16.25078  (17080201)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 491
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	16.20781	(17032620)	438590.07	3710394.25	16.65397	(17021821)
438576.73	3710484.88	14.78999	(18120117)	438573.40	3710507.54	14.42886	(17021822)
438570.06	3710530.20	14.14918	(18033019)	438566.73	3710552.85	14.16697	(18122503)
438027.45	3708869.55	2.14196	(17020419)	438007.81	3708857.05	2.15506	(17020419)
437988.16	3708844.54	2.13538	(18011217)	437968.52	3708832.04	2.15839	(17123117)
437948.87	3708819.54	2.17440	(19102017)	437929.22	3708807.04	2.16654	(18021418)
437106.84	3710028.10	15.17252	(18021922)	437074.68	3710047.98	17.02542	(19123021)
437056.82	3710062.36	18.01699	(20020421)	437038.96	3710076.75	19.52145	(18012901)
437080.24	3709987.33	14.43849	(19123021)	437138.10	3709977.84	12.89422	(19123021)
437043.32	3710009.03	16.02759	(18012901)	437025.46	3710023.42	20.22703	(19051904)
437007.60	3710037.81	41.89033	(19012818)	437046.97	3709949.12	13.72865	(18012901)
437081.27	3709935.94	12.68923	(20021019)	437133.34	3709927.41	11.37971	(18020318)
437168.89	3709936.69	11.37079	(18110708)	437011.96	3709970.09	28.87520	(19021120)
436994.10	3709984.48	42.35227	(17022121)	436976.23	3709998.87	52.16368	(17021023)
437017.52	3709909.44	13.19972	(17120717)	437055.62	3709894.80	11.88880	(20020421)
437093.73	3709880.16	11.28004	(20021019)	437132.54	3709878.00	10.41311	(18122821)
437172.04	3709888.32	10.26885	(18110708)	436980.60	3709931.15	34.70696	(19021120)
436962.73	3709945.54	45.89105	(21013119)	436944.87	3709959.93	52.99517	(18121017)
436987.51	3709869.98	14.99921	(20020421)	437028.35	3709854.29	11.13481	(17120717)
437069.18	3709838.60	10.31014	(19123021)	437131.17	3709828.45	9.65089	(18122821)
437173.49	3709839.50	9.25708	(18020318)	437215.81	3709850.56	9.12517	(17022120)
436949.24	3709892.21	30.55210	(17121620)	436931.37			

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3709906.60       40.34881  (20122924)
        436913.51   3709920.98       48.39611  (20122924)                436954.79
3709831.56       31.45567  (19012818)
        436992.90   3709816.92       35.55904  (18010218)                437031.01
3709802.28       31.57899  (17021018)
        437069.12   3709787.64       14.64030  (17021018)                437126.98
3709778.15        8.76797  (17021304)
        437166.48   3709788.47        8.39004  (18020318)                437205.97
3709798.79        8.11971  (17010316)
        437245.47   3709809.11        8.47039  (18021922)                436917.87
3709853.27       31.38228  (17020502)
        436900.01   3709867.66       34.40201  (17121622)                436882.15
3709882.04       42.76890  (19120218)
        436924.38   3709792.25       40.73567  (18121017)                436964.40
3709776.88       41.56990  (19090402)
        437004.41   3709761.51       40.49423  (19120707)                437044.42
3709746.13       38.07483  (20123006)
        437084.44   3709730.76       34.20807  (20020719)                437125.18
3709728.49       23.57936  (18011719)
        437166.66   3709739.32        7.82424  (18020318)                437208.13
3709750.16        7.44998  (18021921)
        437249.61   3709761.00        7.78265  (20021019)                436886.51
3709814.33       40.92176  (20121919)
        436868.65   3709828.72       41.99217  (17101619)                436850.78
3709843.10       42.52452  (17022606)
        436893.80   3709753.01       38.97433  (17122102)                436935.37
3709737.04       37.37316  (18101323)
        436976.95   3709721.07       36.59440  (20091720)                437018.52
3709705.10       36.14104  (20123006)
        437060.09   3709689.12       35.30642  (17052204)                437123.21
3709678.78       35.50179  (19100420)
        437166.30   3709690.04       19.34790  (19121019)                437209.39
3709701.29        7.07974  (18021921)
        437252.48   3709712.55        7.12706  (18102017)                437295.57
3709723.81        7.32627  (17123120)
        436855.15   3709775.39       37.46361  (19090301)                436837.29
3709789.77       36.97044  (17022606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 492
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
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, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436819.42   3709804.16       36.09887  (20022420)               436861.44
3709714.46       34.41042  (18010521)
        436901.01   3709699.25       34.19078  (19120518)               436940.59
3709684.05       33.83069  (21013119)
        436980.16   3709668.84       32.92531  (20091720)               437019.74
3709653.64       31.80486  (18050502)
        437059.31   3709638.43       31.42926  (18120819)               437119.39
3709628.58       33.54680  (19100420)
        437160.41   3709639.30       31.28880  (17020822)               437201.43
3709650.02        9.07822  (18021922)
        437242.45   3709660.73        6.44449  (19123021)               437283.47
3709671.45        6.53016  (17021020)
        437324.49   3709682.17        6.79777  (20013118)               436823.79
3709736.45       33.88023  (21020121)
        436805.92   3709750.83       33.27828  (20022420)               436788.06
3709765.22       32.95497  (21122101)
        436830.70   3709675.27       31.44906  (18091024)               436871.53
3709659.59       31.24145  (18031920)
        436912.37   3709643.90       30.34464  (18092704)               436953.20
3709628.21       31.38796  (21100119)
        436994.03   3709612.52       31.01781  (19092404)               437034.86
3709596.84       29.44726  (20012501)
        437075.69   3709581.15       29.50744  (19011101)               437117.26
3709578.83       31.12579  (17031401)
        437159.59   3709589.89       32.59898  (17020822)               437201.91
3709600.95       21.07944  (18010118)
        437244.23   3709612.00        6.05646  (17121417)               437286.55
3709623.06        5.93045  (17121417)
        437328.87   3709634.11        6.04180  (20013118)               436792.42
3709697.51       31.69775  (20030320)
        436774.56   3709711.89       31.26951  (21122101)               436756.70
3709726.28       30.49938  (17020808)
        436767.74   3709597.48       27.99456  (20022420)               436808.09
3709581.98       28.57155  (20121919)
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        436848.44   3709566.48       29.35262  (17101619)                436888.79
3709550.97       29.39942  (19120619)
        436929.14   3709535.47       29.45535  (20092803)                436969.49
3709519.97       28.91567  (19012818)
        437009.84   3709504.47       27.32282  (19120707)                437050.19
3709488.96       26.19191  (20092220)
        437111.45   3709478.92       27.93910  (18092506)                437153.28
3709489.85       29.24669  (20012318)
        437195.10   3709500.77       25.51026  (17020822)                437236.92
3709511.70        5.23785  (18010217)
        437278.74   3709522.63        5.13422  (19123021)                437320.57
3709533.55        5.15248  (17121417)
        437362.39   3709544.48        5.28186  (20013118)                437404.21
3709555.41        5.48590  (20013118)
        436729.70   3709619.62       27.67978  (20021420)                436711.84
3709634.01       27.42803  (21010507)
        436693.97   3709648.40       26.88608  (21013020)                436705.90
3709519.26       25.58530  (20022420)
        436726.96   3709511.17       25.94203  (20121322)                436748.02
3709503.08       25.93143  (18101619)
        436769.08   3709494.99       26.28450  (20121322)                436790.14
3709486.90       26.40095  (19012821)
        436811.20   3709478.80       26.62225  (17110322)                436832.26
3709470.71       27.03950  (17012108)
        436853.32   3709462.62       26.78582  (17102518)                436874.38
3709454.53       26.87790  (18083020)
        436895.44   3709446.44       26.91402  (18092704)                436916.50
3709438.35       26.68090  (19120518)
        436937.56   3709430.25       26.69464  (19090402)                436958.62
3709422.16       26.44365  (19120707)
        436979.68   3709414.07       25.75696  (19030407)                437000.74
3709405.98       25.35049  (20082921)
        437021.80   3709397.89       24.23070  (18082824)                437042.86
3709389.80       23.79737  (20010218)
        437063.92   3709381.70       23.49248  (20123006)                437106.81
3709379.32       25.03975  (20082701)
        437128.64   3709385.02       26.26235  (18092506)                437150.47
3709390.72       26.59519  (19100420)
        437172.30   3709396.42       25.28181  (18020819)                437194.12
3709402.13       21.64945  (20021824)
        437237.78   3709413.53        4.67522  (18010217)                437259.61
3709419.24        4.48762  (21121721)
        437281.44   3709424.94        4.45654  (17121417)                437303.27
3709430.64        4.54175  (19122705)
        437346.92   3709442.05        4.66853  (20021019)                437368.75
3709447.75        4.74630  (18021922)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	4.85233	(17123120)	437412.41	3709459.16	4.93274	(20013118)
437434.24	3709464.86	4.86010	(18090307)	437456.07	3709470.56	4.90914	(20013118)
437477.89	3709476.26	4.90123	(18102017)	436684.84	3709527.35	25.14116	(18122019)
436666.98	3709541.74	24.84690	(18110120)	436649.11	3709556.13	24.50517	(21041805)
436631.25	3709570.51	24.57490	(21020620)	436642.90	3709441.49	23.17264	(21010507)
436684.47	3709425.51	23.54913	(21112202)	436726.05	3709409.54	23.67429	(21020121)
436767.62	3709393.57	23.88695	(19012821)	436809.19	3709377.59	24.12614	(17110322)
436850.77	3709361.62	23.90083	(19012519)	436892.34	3709345.65	24.06852	(21122222)
436933.91	3709329.67	24.06328	(19090402)	436975.49	3709313.70	23.06377	(19090402)
437017.06	3709297.73	21.63084	(19121918)	437058.63	3709281.75	21.46204	(21122606)
437100.97	3709279.40	21.14502	(17011223)	437144.06	3709290.65	23.61581	(19100520)
437187.15	3709301.91	23.41490	(18010608)	437230.24	3709313.17	12.65783	(18012218)
437273.33	3709324.43	4.05453	(21121721)	437316.42			

3709335.68 4.07761 (17121417)
437359.51 3709346.94 4.13731 (19122705) 437402.60
3709358.20 4.19596 (18021922)
437445.69 3709369.46 4.34445 (18090307) 437488.78
3709380.71 4.33835 (18021418)
436604.25 3709463.86 22.78505 (21041805) 436586.39
3709478.24 22.68918 (17040603)
436568.52 3709492.63 22.69242 (17101519) 436579.97
3709363.68 20.91808 (21020620)
436621.13 3709347.87 21.39203 (18010619) 436662.28
3709332.06 21.56447 (21112202)
436703.44 3709316.24 21.59002 (18101619) 436744.60
3709300.43 21.66843 (18010119)
436785.76 3709284.62 21.81267 (17051203) 436826.91
3709268.80 21.48207 (20122924)
436868.07 3709252.99 21.53997 (18092704) 436909.23
3709237.18 21.17944 (21093020)
436950.39 3709221.36 21.18038 (17091003) 436991.54
3709205.55 23.16668 (20050221)
437032.70 3709189.74 21.48339 (19030407) 437095.19
3709179.50 21.25237 (18022706)
437137.85 3709190.64 21.96377 (17031401) 437180.51
3709201.79 21.90990 (20010217)
437223.17 3709212.93 15.91701 (19013118) 437265.83
3709224.08 3.71293 (17022717)
437308.48 3709235.22 3.66342 (19122705) 437351.14
3709246.36 3.68569 (19122705)
437393.80 3709257.51 3.73437 (19122705) 437436.46
3709268.65 3.72604 (18021418)
437479.12 3709279.80 3.83471 (18102017) 437521.78
3709290.94 3.84407 (18102017)
437564.44 3709302.09 3.87941 (17022120) 436541.53
3709385.98 20.62839 (19122301)
436523.66 3709400.36 20.64500 (21112821) 436505.80
3709414.75 20.55008 (21123024)
436517.84 3709285.57 19.07977 (18011621) 436539.01
3709277.44 19.20082 (21020620)
436560.18 3709269.30 19.16583 (21013020) 436581.35
3709261.17 19.30423 (18110120)
436602.52 3709253.03 19.38293 (17012003) 436623.70
3709244.90 19.42051 (21020205)
436644.87 3709236.77 19.35070 (21112202) 436666.04
3709228.63 19.41949 (20022420)
436687.21 3709220.50 19.59818 (20100222) 436708.38
3709212.36 19.52598 (17022606)
436729.55 3709204.23 19.60715 (20121919) 436750.73
3709196.09 19.63741 (17021222)
436771.90 3709187.96 19.75408 (17051203) 436793.07
3709179.83 19.76759 (21090421)
436814.24 3709171.69 19.54291 (20020720) 436835.41

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436941.27   3709122.88   18.98113 (21020420)   436962.44
3709114.75   19.13192 (17073103)
        436983.61   3709106.62   20.87642 (18100124)   437004.78
3709098.48   21.40574 (18091322)
        437025.96   3709090.35   20.52257 (18091322)   437047.13
3709082.21   19.72366 (17020422)
        437090.24   3709079.81   16.22333 (17022022)   437112.19
3709085.54   14.09009 (17020422)
        437134.13   3709091.28   12.23596 (17020902)   437156.07
3709097.01   10.97781 (17022022)
        437178.02   3709102.74   9.53714 (17020501)   437199.96
3709108.48   7.15158 (20010518)
        437221.91   3709114.21   3.88403 (17121623)   437243.85
3709119.94   3.44937 (18010217)
        437265.79   3709125.67   3.44462 (18010217)   437287.74
3709131.41   3.32006 (21121721)

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        437309.68   3709137.14        3.34056  (21121721)               437331.63
3709142.87        3.34096  (21121721)
        437353.57   3709148.61        3.36397  (17121417)               437375.51
3709154.34        3.30603  (19122705)
        437397.46   3709160.07        3.27741  (18020318)               437419.40
3709165.81        3.32807  (20021019)
        437441.35   3709171.54        3.33907  (19122705)               437463.29
3709177.27        3.34701  (18021418)
        437485.23   3709183.00        3.39438  (18120916)               437507.18
3709188.74        3.42455  (17123120)
        437529.12   3709194.47        3.39881  (17010316)               437551.07
3709200.20        3.41821  (18102017)
        437573.01   3709205.94        3.38094  (18102017)               437594.95
3709211.67        3.43725  (21011417)
        437616.90   3709217.40        3.45483  (17022120)               437638.84
3709223.14        3.46113  (18021418)
        436496.67   3709293.71       18.86367  (20013007)               436478.80
3709308.09       18.91387  (17022123)
        436460.94   3709322.48       18.93316  (19110218)               436443.08
3709336.87       18.85179  (17010320)
        436454.90   3709207.77       17.34678  (17122818)               436496.82
3709191.67       17.39738  (17040603)
        436517.78   3709183.61       17.47630  (18011621)               436559.70
3709167.51       17.68257  (18010619)
        436601.62   3709151.40       17.83709  (17121318)               436622.58
3709143.35       17.82305  (20121322)
        436664.50   3709127.24       17.96011  (20091806)               436706.42
3709111.13       17.92384  (19110418)
        436727.38   3709103.08       17.81035  (18010606)               436769.30
3709086.98       17.99575  (17102518)
        436811.22   3709070.87       17.78404  (19012519)               436853.14
3709054.76       17.62866  (18030420)
        436895.06   3709038.66       17.58836  (17072906)               436916.02
3709030.60       18.00926  (20091720)
        436957.94   3709014.50       18.17912  (17090624)               436999.86
3708998.39       17.73976  (19092404)
        437020.82   3708990.34       17.29340  (17090624)               437084.46
3708979.91       18.05740  (20111718)
        437127.91   3708991.26       19.01956  (21122606)               437171.36
3709002.61       14.48197  (20010217)
        437214.81   3709013.96        3.12228  (18010217)               437258.26
3709025.31        3.15119  (18010217)
        437301.71   3709036.66        3.02404  (21121721)               437345.16
3709048.02        3.04913  (18010217)
        437388.61   3709059.37        3.10161  (19122705)               437432.05
3709070.72        3.08070  (20013118)
        437475.50   3709082.07        2.99645  (19122705)               437518.95
3709093.42        3.02220  (18021418)
        437562.40   3709104.77        3.03654  (18102017)               437605.85
3709116.12        3.01406  (18102017)
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3708891.27 17.93852 (20090421)
437164.90 3708902.53 15.18494 (18120819) 437207.99
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3708936.30 2.79587 (17022717)
437337.26 3708947.56 2.78279 (21121721) 437380.35
3708958.82 2.79708 (17121417)
437423.44 3708970.08 2.82083 (19122705) 437466.53
3708981.33 2.79814 (17021020)
437509.62 3708992.59 2.77262 (19122705) 437552.71
3709003.85 2.73349 (18120916)
437595.80 3709015.11 2.74938 (17121417) 437638.89
3709026.36 2.72572 (18102017)
437681.98 3709037.62 2.79438 (18120916) 437725.07
3709048.88 2.82739 (20020717)
436353.35 3709152.33 15.93868 (17020220) 436335.49
3709166.72 15.88093 (20120521)
436317.63 3709181.10 16.00110 (21021723) 436329.73
3709051.90 14.96070 (20100119)
436350.96 3709043.74 14.95304 (17122620) 436372.19
3709035.59 15.13122 (17122818)
436393.42 3709027.43 15.07965 (20110517) 436414.65
3709019.27 15.10297 (21120124)
436435.89 3709011.11 15.15854 (21020421) 436457.12
3709002.96 15.30670 (18121020)
436478.35 3708994.80 15.30309 (21020421) 436499.58
3708986.64 15.35337 (21020519)
436520.81 3708978.48 15.46228 (21120405) 436542.05
3708970.33 15.44016 (21121119)
436563.28 3708962.17 15.53995 (17020808) 436584.51
3708954.01 15.36778 (20091806)
436605.74 3708945.85 15.43397 (21111220) 436626.97
3708937.70 15.48686 (20092906)
436648.21 3708929.54 15.53212 (17020808) 436669.44
3708921.38 15.43126 (19110418)
436690.67 3708913.22 15.38258 (19012821) 436711.90
3708905.06 15.49294 (20020720)
436733.13 3708896.91 15.48044 (20120618) 436754.37
3708888.75 15.39738 (20091619)
436775.60 3708880.59 15.38264 (17022124) 436796.83
3708872.43 15.24122 (17122102)
436818.06 3708864.28 15.21509 (17071403) 436839.29
3708856.12 15.20045 (21122222)
436860.53 3708847.96 15.13987 (18080904) 436881.76
3708839.80 15.21517 (20092803)
436902.99 3708831.65 15.36323 (19090402) 436924.22
3708823.49 15.21547 (18110118)
436945.45 3708815.33 15.12145 (17112118) 436966.69
3708807.17 15.25338 (19030407)
436987.92 3708799.01 15.07614 (18082824) 437009.15

3708790.86   14.64256 (19030407)
        437030.38   3708782.70   14.60121 (20012501)   437073.62
3708780.29   15.86746 (19030419)
        437095.63   3708786.04   16.69495 (21122606)   437117.64
3708791.79   16.83415 (17052204)
        437139.64   3708797.54   16.24571 (19091320)   437161.65
3708803.29   14.75946 (20020719)
        437183.66   3708809.04   12.46078 (20010217)   437205.66
3708814.79   8.73874 (18121619)
        437227.67   3708820.54   2.73293 (17120817)   437249.68
3708826.29   2.62513 (17120817)
        437271.68   3708832.04   2.60723 (17123120)   437293.69
3708837.78   2.63366 (17022717)
        437315.70   3708843.53   2.52803 (21121721)   437337.70
3708849.28   2.55141 (21121721)
        437359.71   3708855.03   2.56585 (21121721)   437381.72
3708860.78   2.56848 (18010217)
        437403.72   3708866.53   2.57302 (17121417)   437425.73
3708872.28   2.58343 (19122705)
        437447.74   3708878.03   2.58248 (19122705)   437469.74
3708883.78   2.54545 (18020318)
        437491.75   3708889.53   2.55168 (17021020)   437513.75
3708895.28   2.49004 (18021921)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        436919.69   3708723.25       14.28620  (21091505)               436940.75
3708715.15       14.25123  (18091721)
        436961.81   3708707.06       14.18408  (19030407)               436982.87
3708698.97       13.99667  (18082824)
        437003.93   3708690.88       13.77257  (20082921)               437024.99
3708682.79       14.01737  (20122403)
        437067.88   3708680.40       15.12429  (21020221)               437089.71
3708686.10       15.77564  (20092220)
        437111.54   3708691.80       15.98754  (18022706)               437133.37
3708697.51       15.39343  (17020902)
        437155.20   3708703.21       14.12768  (17022022)               437177.02
3708708.91       11.90295  (20010217)
        437220.68   3708720.32        5.62922  (20010518)               437242.51
3708726.02        2.45166  (17120817)
        437264.34   3708731.72        2.43028  (17120817)               437286.17
3708737.43        2.41339  (17123120)
        437308.00   3708743.13        2.39823  (17022717)               437351.65
3708754.54        2.36023  (21121721)
        437373.48   3708760.24        2.37127  (21121721)               437395.31
3708765.94        2.37741  (21121721)
        437417.14   3708771.64        2.37777  (21121721)               437438.97
3708777.35        2.40041  (17022120)
        437460.79   3708783.05        2.41063  (19122705)               437482.62
3708788.75        2.39059  (18020318)
        437504.45   3708794.46        2.33912  (20013118)               437526.28
3708800.16        2.32499  (18021921)
        437569.94   3708811.56        2.34267  (19122705)               437591.77
3708817.27        2.31712  (19122705)
        437613.59   3708822.97        2.28399  (19122705)               437635.42
3708828.67        2.29459  (18120916)
        437657.25   3708834.38        2.32065  (17123120)               437679.08
3708840.08        2.28173  (17123120)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 497
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.32174	(21011417)	437722.74	3708851.48	2.32724	(17123117)
437744.56	3708857.19	2.32058	(18120916)	437766.39	3708862.89	2.37684	(17123117)
437810.05	3708874.30	2.39709	(17123117)	437831.88	3708880.00	2.40205	(17120117)
437853.71	3708885.70	2.38435	(17123117)	436245.77	3708982.18	14.10553	(21092202)
436227.91	3708996.56	14.04527	(20041421)	436210.04	3709010.95	13.97331	(21011503)
436192.18	3709025.34	14.04046	(18010802)	436203.96	3708896.26	13.51673	(21092202)
436245.78	3708880.19	13.78384	(21111419)	436287.61	3708864.12	13.78494	(18102619)
436329.44	3708848.05	13.79175	(20123002)	436371.26	3708831.98	13.95722	(19021705)
436413.09	3708815.91	13.81457	(21120608)	436454.92	3708799.84	13.80385	(21120405)
436496.75	3708783.77	13.90960	(21010522)	436538.57	3708767.70	13.98056	(20121819)
436580.40	3708751.63	13.91870	(20121322)	436622.23	3708735.56	13.69053	(19110519)
436664.05	3708719.49	13.60061	(17051203)	436705.88	3708703.41	13.64389	(21090421)
436747.71	3708687.34	13.45597	(18121017)	436789.53	3708671.27	13.43713	(17071403)
436831.36	3708655.20	13.33736	(18111818)	436873.19	3708639.13	13.43193	(21100119)
436915.01	3708623.06	13.35718	(21091505)	436956.84	3708606.99	13.29339	(19030407)
436998.67	3708590.92	12.94341	(17090624)	437062.17	3708580.51	13.90100	(20092220)
437105.52	3708591.84	14.85099	(20092220)	437148.87	3708603.17	14.52697	(21041106)
437192.23	3708614.49	11.65538	(20010217)	437235.58	3708625.82	5.80462	(17020424)
437278.93	3708637.15	2.25802	(17120817)	437322.29	3708648.47	2.19664	(17022717)
437365.64	3708659.80	2.17468	(21121721)	437408.99			

3708671.12   2.17990 (21121721)
        437452.34   3708682.45   2.18690 (17121417)   437495.70
3708693.78   2.20598 (19122705)
        437539.05   3708705.10   2.17828 (18021921)   437582.40
3708716.43   2.14063 (18090307)
        437625.75   3708727.75   2.17494 (19122705)   437669.11
3708739.08   2.13162 (19122705)
        437712.46   3708750.41   2.12520 (17123120)   437755.81
3708761.73   2.15124 (18120916)
        437799.17   3708773.06   2.15762 (17120117)   437842.52
3708784.39   2.22920 (17123117)
        437885.87   3708795.71   2.22171 (17123117)   436165.18
3708918.68   13.31977 (20091520)
        436147.32   3708933.07   13.35779 (21120407)   436129.45
3708947.46   13.28264 (18122320)
        437017.12   3710105.60   44.25634 (19021120)   436994.30
3710140.34   67.23552 (17011719)
        436986.74   3710060.78   54.75617 (17022121)   436963.92
3710095.51   65.96645 (18121017)
        436955.38   3710021.84   58.97820 (18121017)   436933.55
3710050.69   59.60564 (19012519)
        436910.73   3710085.43   58.06320 (17022606)   436917.07
3709990.56   52.25126 (19090301)
        436891.76   3710023.24   49.20092 (19020719)   436868.94
3710057.97   48.56211 (21120405)
        436874.41   3709964.06   45.99512 (19020719)   436849.97
3709995.78   43.99742 (21120405)
        436827.15   3710030.52   43.97279 (17011606)   436832.10
3709937.18   41.55202 (21010522)
        436857.13   3709909.61   45.70991 (17121318)   436808.18
3709968.33   40.06232 (17011606)
        436785.36   3710003.06   40.17693 (21122203)   436789.97
3709910.11   37.89773 (21020620)
        436814.29   3709883.30   40.91492 (21120405)   436766.39
3709940.87   36.92153 (21122203)
        436743.57   3709975.61   37.15719 (17010320)   436749.92
3709880.74   34.47836 (18010807)
        436777.72   3709850.11   35.09532 (21020421)   436724.61
3709913.42   34.27528 (17020220)
        436701.79   3709948.15   34.40438 (17012107)   436707.63
3709853.83   32.38810 (19120706)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436734.44   3709824.29   32.65794 (19021705)   436761.25
3709794.76   32.86186 (20091120)
        436682.82   3709885.96   32.01954 (21011604)   436660.00
3709920.70   32.41931 (21092205)
        436665.47   3709826.78   30.40418 (19120706)   436691.54
3709798.07   30.63494 (21022822)
        436717.60   3709769.35   30.66132 (19021705)   436641.03
3709858.51   30.15299 (20091822)
        436618.21   3709893.24   30.63061 (21090502)   436582.77
3709770.92   27.28368 (21092205)
        436610.57   3709740.29   26.88010 (21010405)   436638.37
3709709.66   26.82277 (20123002)
        436666.17   3709679.03   26.85303 (21020620)   436557.46
3709803.60   27.05788 (17020904)
        436534.64   3709838.33   26.98240 (21011601)   436498.56
3709716.70   24.17227 (21010623)
        436525.10   3709687.46   24.55347 (19101520)   436551.63
3709658.23   24.42702 (18020219)
        436578.17   3709628.99   24.61686 (21010405)   436604.71
3709599.75   24.83571 (21120124)
        436473.88   3709748.69   24.02483 (21010702)   436451.06
3709783.42   24.19937 (21012723)
        436415.61   3709661.10   21.80926 (20050705)   436443.42
3709630.47   21.98017 (18010220)
        436471.22   3709599.84   22.42876 (21120407)   436499.02
3709569.21   22.67436 (20091822)
        436526.82   3709538.58   22.78922 (18090706)   436390.30
3709693.78   21.72435 (21010806)
        436367.48   3709728.51   21.81362 (17122619)   436331.54
3709606.73   20.02282 (21010806)

436358.35 3709577.20 20.07662 (19040720) 436385.16
3709547.66 20.31617 (21010702)
436411.97 3709518.13 20.86146 (18020219) 436438.78
3709488.59 20.88353 (21092205)
436465.59 3709459.05 20.68275 (21121521) 436306.73
3709638.87 19.94954 (18122404)
436283.91 3709673.60 20.00438 (20122502) 436248.46
3709551.28 18.44224 (21011008)
436276.26 3709520.65 18.48389 (21012723) 436304.07
3709490.02 18.51665 (21010702)
436331.87 3709459.39 18.63598 (17122219) 436359.67
3709428.76 19.04898 (18020219)
436387.47 3709398.13 19.06975 (21092205) 436415.27
3709367.50 18.87547 (19012719)
436223.15 3709583.96 18.41886 (20122502) 436200.33
3709618.69 18.36640 (20122404)
436164.48 3709496.82 17.01401 (20122502) 436191.46
3709467.09 17.10252 (20121921)
436218.45 3709437.36 17.11734 (21012723) 436245.43
3709407.63 17.15378 (19040720)
436272.41 3709377.90 17.17774 (19121519) 436299.40
3709348.17 17.38020 (20120619)
436326.38 3709318.44 17.50850 (18011524) 436353.37
3709288.71 17.38524 (21121522)
436139.58 3709529.05 17.05064 (20010420) 436116.76
3709563.78 17.05356 (20122503)
436081.31 3709441.46 15.83521 (20122407) 436109.11
3709410.83 15.86205 (20091722)
436136.92 3709380.20 15.93196 (18020622) 436164.72
3709349.57 15.95494 (17012805)
436192.52 3709318.94 15.90600 (21010702) 436220.32
3709288.31 15.96783 (19121519)
436248.12 3709257.68 16.14506 (20120619) 436275.92
3709227.05 16.26885 (18011524)
436056.00 3709474.14 15.81754 (20121703) 436033.18
3709508.87 15.65697 (21022024)
435997.39 3709386.93 14.77867 (21011707) 436024.49
3709357.07 14.84228 (20010420)
436051.60 3709327.20 14.85491 (18011718) 436078.71
3709297.34 14.87042 (18020622)
436105.82 3709267.47 14.87628 (17012805) 436132.92
3709237.61 14.85482 (19121722)
436160.03 3709207.75 14.82890 (19121519) 436187.14
3709177.88 14.90292 (21111407)
436214.24 3709148.02 15.03249 (21021823) 435972.42
3709419.23 14.70830 (18021606)
435949.60 3709453.96 14.71956 (17090305) 435914.16
3709331.64 13.87943 (20122503)
435941.96 3709301.01 13.94240 (20020922) 435969.76
3709270.38 13.85007 (20120523)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435997.57	3709239.75	13.89933	(18020622)	436025.37	3709209.12	13.89604	(21010607)
436053.17	3709178.49	14.03264	(18122222)	436080.97	3709147.86	13.83668	(19040720)
436108.77	3709117.23	13.80149	(17020904)	436136.57	3709086.60	13.88180	(17020904)
436164.38	3709055.97	14.04683	(21021823)	435888.85	3709364.32	13.82059	(17121819)
435866.03	3709399.05	13.90929	(21013104)	435830.28	3709277.06	12.93763	(18021606)
435857.48	3709247.10	13.06677	(21011719)	435884.68	3709217.13	13.15153	(18120919)
435911.87	3709187.17	13.06647	(17121006)	435939.07	3709157.20	13.07508	(20012708)
435966.27	3709127.24	13.04942	(21010607)	435993.47	3709097.28	13.10020	(17012805)
436020.66	3709067.31	13.02482	(19121722)	436047.86	3709037.35	12.95541	(19011821)
436075.06	3709007.38	12.98434	(21021823)	436102.26	3708977.42	13.22118	(21010623)
435805.27	3709309.41	13.00787	(20121606)	435782.45			

3709344.14 13.20579 (19012703)
436986.12 3710169.40 76.96571 (17020905) 436986.86
3710192.47 81.54898 (18010218)
436987.61 3710215.54 86.16366 (18122018) 436941.60
3710151.64 71.74893 (18013018)
436936.89 3710194.09 75.24736 (20100222) 436937.63
3710217.16 78.64228 (20022420)
436892.31 3710150.83 56.55432 (20022420) 436898.45
3710129.03 56.54155 (21020103)
436904.59 3710107.23 56.94109 (20022420) 436886.17
3710172.63 56.77979 (17011606)
436886.91 3710195.70 58.15364 (17011606) 436887.66
3710218.77 59.53932 (20012606)
436841.65 3710154.87 50.88403 (17020220) 436852.57
3710116.11 49.91134 (20012606)
436836.94 3710197.32 51.74420 (18080906) 436837.68
3710220.39 52.41117 (18122320)
436792.07 3710155.10 45.75786 (21010620) 436803.76
3710113.57 45.65100 (17020220)
436815.46 3710072.04 44.98394 (20123002) 436786.97
3710198.93 45.80894 (21010624)
436787.71 3710222.00 46.55120 (17121518) 436742.39
3710155.67 41.35413 (21011606)
436748.53 3710133.87 41.37540 (20121620) 436754.66
3710112.07 41.49604 (18080906)
436760.80 3710090.27 41.67891 (17020823) 436766.94
3710068.47 41.45448 (21090501)
436773.08 3710046.66 41.28765 (21010405) 436779.22
3710024.86 40.77936 (17010320)
436736.25 3710177.47 41.42365 (21011324) 436736.99
3710200.54 41.53196 (20122407)
436737.74 3710223.61 41.89456 (17101620) 436692.00
3710158.74 38.01994 (18011718)
436703.46 3710118.04 38.32753 (17121518) 436714.92
3710077.35 38.10103 (19121722)
436726.38 3710036.65 38.24858 (21092205) 436687.02
3710202.16 38.05375 (21011603)
436687.76 3710225.23 38.21945 (20100505) 436642.25
3710159.56 35.16192 (21011603)
436654.16 3710117.28 35.40473 (20122107) 436666.07
3710075.00 35.66649 (20122421)
436677.97 3710032.71 35.35996 (21112723) 436689.88
3709990.43 35.27280 (17022023)
436637.04 3710203.77 34.97410 (18013102) 436637.79
3710226.84 35.23002 (21011522)
436592.46 3710160.51 32.62333 (18013102) 436598.60
3710138.71 32.86161 (20122023)
436604.74 3710116.91 33.03141 (21011719) 436610.88
3710095.11 33.03892 (18121419)
436617.02 3710073.31 33.22222 (21013121) 436623.16

3710051.51   33.49871 (21122608)
        436629.30   3710029.70   33.21891 (20012708)   436635.44
3710007.90   33.00607 (20122419)
        436641.58   3709986.10   32.86750 (18010705)   436647.72
3709964.30   32.69226 (18010220)
        436653.86   3709942.50   32.73331 (20120619)   436586.32
3710182.31   32.57677 (20020120)
        436587.07   3710205.38   32.83050 (18020822)   436587.81
3710228.45   33.16061 (19121508)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436542.20   3710163.16   30.81793 (18020822)   436553.89
3710121.64   30.91576 (21013104)
        436565.59   3710080.11   30.96356 (21011208)   436577.28
3710038.58   31.05184 (21011324)
        436588.98   3709997.06   31.19408 (21011324)   436600.67
3709955.53   30.86202 (20120520)
        436537.10   3710207.00   31.01625 (20020119)   436537.84
3710230.07   31.22412 (19121508)
        436442.54   3710165.35   27.72775 (21011703)   436448.68
3710143.55   27.75280 (20100501)
        436454.82   3710121.75   27.68945 (20100102)   436460.96
3710099.95   27.63421 (20100124)

436467.10 3710078.15 27.64977 (20101320) 436473.24 3710056.35 27.62702 (20101306)
436479.38 3710034.55 27.68275 (19012703) 436485.52 3710012.74 27.60723 (17101620)
436491.66 3709990.94 27.63957 (20122404) 436497.80 3709969.14 27.53870 (20120119)
436503.94 3709947.34 27.61500 (20013120) 436510.08 3709925.54 27.52770 (18010423)
436516.22 3709903.74 27.42077 (21011008) 436522.36 3709881.93 27.31008 (21122608)
436528.50 3709860.13 27.14406 (19040720) 436436.40 3710187.16 27.75211 (21011402)
436437.15 3710210.23 27.89625 (18010208) 436437.89 3710233.30 28.02578 (19122108)
436342.49 3710168.96 25.15508 (18012924) 436354.55 3710126.13 25.16488 (21011402)
436366.61 3710083.29 25.22766 (20022804) 436378.68 3710040.45 25.02161 (20101221)
436390.74 3709997.61 24.94957 (20101306) 436402.80 3709954.77 24.94462 (17021606)
436414.87 3709911.94 24.80420 (20121703) 436426.93 3709869.10 24.72019 (20010420)
436439.00 3709826.26 24.54593 (17121518) 436337.20 3710213.45 25.34320 (20090522)
436337.94 3710236.52 25.20757 (21111303) 436242.74 3710171.46 22.87430 (18011204)
436248.98 3710149.32 23.00003 (18011204) 436255.22 3710127.17 23.08802 (17010805)
436261.45 3710105.02 23.08770 (18010208) 436267.69 3710082.87 23.08900 (18011402)
436273.93 3710060.73 22.98047 (19122108) 436280.17 3710038.58 23.01793 (20020119)
436286.40 3710016.43 23.04232 (17050206) 436292.64 3709994.28 22.90452 (20022804)
436298.88 3709972.14 22.80665 (18011121) 436305.11 3709949.99 22.79354 (20120701)
436311.35 3709927.84 22.70729 (18010502) 436317.59 3709905.69 22.64371 (20020919)
436323.82 3709883.54 22.66885 (18020221) 436330.06 3709861.40 22.55921 (21011023)
436336.30 3709839.25 22.38940 (20122503) 436342.54 3709817.10 22.38891 (21011707)
436348.77 3709794.95 22.23266 (20122107) 436355.01 3709772.81 22.11600 (18010624)
436361.25 3709750.66 21.98526 (21011324) 436236.51 3710193.61 22.63017 (18010224)
436237.25 3710216.68 22.78859 (18020401) 436238.00 3710239.75 22.99362 (19012621)
436142.70 3710175.04 20.81645 (19012722) 436148.84 3710153.24 20.74932 (20020106)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	20.44203	(20122503)	436271.63	3709717.20	20.33994	(18021606)
436277.77	3709695.40	20.17565	(20010420)	436136.56			

3710196.84 20.88378 (18011803)
436137.30 3710219.91 21.10011 (18020723) 436138.05
3710242.98 21.22521 (18020723)
436042.67 3710178.53 19.38047 (18011322) 436054.80
3710135.47 19.19920 (18020401)
436066.93 3710092.40 19.09843 (18010223) 436072.99
3710070.87 19.40237 (20022721)
436085.12 3710027.81 19.61729 (17013024) 436097.25
3709984.74 19.58426 (18010208)
436109.38 3709941.68 19.47409 (18020124) 436121.50
3709898.61 19.41234 (21011406)
436133.63 3709855.55 19.27904 (20022702) 436145.76
3709812.48 19.10107 (18021607)
436157.89 3709769.42 18.98170 (20120424) 436170.01
3709726.35 18.91737 (21022303)
436182.14 3709683.29 18.54973 (17090305) 436037.36
3710223.14 19.58308 (20102504)
436038.10 3710246.21 20.01332 (21110223) 435942.87
3710181.24 18.15293 (21070705)
435949.08 3710159.19 17.92147 (18011322) 435955.29
3710137.14 17.92821 (18020723)
435961.50 3710115.09 17.86255 (19012722) 435967.71
3710093.03 17.75918 (18020401)
435973.92 3710070.98 17.73381 (17122701) 435980.13
3710048.93 17.67398 (18020204)
435986.34 3710026.88 17.89187 (18011204) 435992.55
3710004.82 18.04230 (20011320)
435998.76 3709982.77 18.14948 (18020206) 436004.97
3709960.72 18.17903 (18011404)
436011.18 3709938.67 18.15686 (17122721) 436017.39
3709916.62 18.09686 (20101302)
436023.60 3709894.56 18.06239 (19121723) 436029.81
3709872.51 18.05282 (18020202)
436036.02 3709850.46 17.99599 (18021323) 436042.23
3709828.41 17.93891 (18021323)
436048.44 3709806.36 17.85922 (18011405) 436054.66
3709784.30 17.81072 (17101622)
436060.87 3709762.25 17.70655 (17123006) 436067.08
3709740.20 17.66841 (18011805)
436073.29 3709718.15 17.57972 (17122621) 436079.50
3709696.10 17.39011 (19012407)
436085.71 3709674.04 17.36899 (18121823) 436091.92
3709651.99 17.30819 (21020119)
436098.13 3709629.94 17.25243 (20091623) 436104.34
3709607.89 17.08598 (17121819)
436110.55 3709585.83 17.01687 (21011707) 435936.66
3710203.29 18.24473 (18112723)
435937.41 3710226.36 18.90407 (21070705) 435938.15
3710249.43 18.59831 (18121805)
435842.85 3710184.72 16.89945 (18112723) 435848.99

3710162.92   16.86016 (21011805)
        435855.13   3710141.12   16.83260 (21011401)   435861.27
3710119.32   16.69580 (18011322)
        435867.41   3710097.51   16.68421 (18020723)   435873.55
3710075.71   16.62923 (18011120)
        435879.69   3710053.91   16.52208 (18020401)   435885.83
3710032.11   16.49448 (17122701)
        435891.97   3710010.31   16.46056 (18020204)   435898.11
3709988.51   16.50009 (17122802)
        435904.25   3709966.70   16.73842 (20022721)   435910.39
3709944.90   16.81294 (19012804)
        435916.53   3709923.10   16.93335 (21013123)   435922.67
3709901.30   16.91795 (17122721)
        435928.81   3709879.50   16.88602 (18011205)   435934.95
3709857.70   16.84668 (20020104)
        435941.09   3709835.90   16.80509 (21011703)   435947.23
3709814.09   16.79775 (18020202)
        435953.37   3709792.29   16.72985 (20022804)   435959.51
3709770.49   16.69245 (17010802)
        435965.65   3709748.69   16.64603 (21011402)   435971.78
3709726.89   16.53478 (17101622)
        435977.92   3709705.09   16.43305 (17123006)   435984.06
3709683.28   16.25996 (18011121)
        435990.20   3709661.48   16.19502 (20120423)   435996.34
3709639.68   16.09792 (20120424)
        436002.48   3709617.88   16.01032 (17122321)   436008.62
3709596.08   15.98869 (18121823)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436014.76	3709574.28	15.93067	(18020221)	436020.90	3709552.48	15.91432	(21011023)
436027.04	3709530.67	15.76213	(21011204)	435836.72	3710206.52	17.13807	(18121805)
435837.46	3710229.59	17.37986	(19110604)	435838.21	3710252.66	17.38402	(20101104)
435742.85	3710188.16	16.31448	(19110604)	435748.93	3710166.56	15.88090	(19110604)
435761.09	3710123.37	15.78212	(20120804)	435773.25	3710080.19	15.55948	(20121923)
435779.33	3710058.59	15.55958	(18020723)	435791.50	3710015.40	15.45447	(17011608)
435797.58	3709993.81	15.39428	(19011822)	435809.74	3709950.62	15.33562	(17120202)
435821.90	3709907.43	15.66003	(20121601)	435827.98	3709885.84	15.71011	(17013104)
435840.15	3709842.65	15.76484	(17122721)	435846.23	3709821.06	15.72906	(18010208)
435858.39	3709777.87	15.63126	(21011406)	435870.55	3709734.68	15.47899	(17122821)
435876.63	3709713.09	15.46681	(18012419)	435888.79	3709669.90	15.26754	(17101622)
435894.87	3709648.31	15.22976	(18011208)	435907.04	3709605.12	15.11716	(20120701)
435919.20	3709561.93	15.01033	(17011808)	435925.28	3709540.34	14.94827	(21022223)
435937.44	3709497.15	14.84261	(21013104)	435737.51	3710232.82	15.87016	(17121022)
435738.26	3710255.89	15.96596	(20120818)	435643.01	3710190.98	14.90285	(21031806)
435649.21	3710168.98	15.63098	(19110604)	435655.40	3710146.98	15.04931	(21031806)
435661.60	3710124.98	14.81497	(18112723)	435667.79	3710102.99	14.78692	(21011805)
435673.99	3710080.99	14.77591	(20120804)	435680.18	3710058.99	14.56194	(18020222)
435686.38	3710036.99	14.59948	(20121923)	435692.57	3710015.00	14.56252	(20122319)
435698.77	3709993.00	14.54964	(19012621)	435704.96	3709971.00	14.50604	(19012722)
435711.16	3709949.00	14.47925	(18013122)	435717.35	3709927.00	14.40468	(20020106)
435723.55	3709905.01	14.43239	(21122021)	435729.74	3709883.01	14.55553	(17102107)

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        435735.94   3709861.01       14.72479  (18011204)               435742.13
3709839.01       14.71565  (20090522)
        435748.33   3709817.01       14.72757  (19012001)               435754.52
3709795.02       14.71986  (18012923)
        435760.72   3709773.02       14.71490  (18020301)               435766.91
3709751.02       14.67290  (18010507)
        435773.11   3709729.02       14.65317  (21111424)               435779.30
3709707.02       14.55185  (18020202)
        435785.50   3709685.03       14.55097  (21011402)               435791.69
3709663.03       14.51622  (21012108)
        435797.89   3709641.03       14.53509  (17101407)               435804.08
3709619.03       14.47050  (20022804)
        435810.28   3709597.03       14.35477  (17101622)               435816.47
3709575.04       14.33290  (20022702)
        435822.66   3709553.04       14.27839  (18021607)               435828.86
3709531.04       14.23327  (19012905)
        435835.05   3709509.04       14.13615  (17122907)               435841.25
3709487.04       14.08911  (20100520)
        435847.44   3709465.05       14.08261  (17101307)               435853.64
3709443.05       14.04518  (20100505)
        435859.83   3709421.05       13.98692  (21013104)               435636.82
3710212.98       14.79946  (20120818)
        435637.56   3710236.05       14.92075  (17121022)               435638.31
3710259.12       14.88971  (19012903)
        435543.01   3710194.40       13.91466  (20120818)               435549.15
3710172.60       14.00193  (21031806)
        435555.29   3710150.80       14.32549  (21031806)               435561.43
3710129.00       14.52836  (20030806)
        435567.57   3710107.20       13.86483  (21110223)               435573.71
3710085.40       14.00852  (21011401)
        435579.85   3710063.59       13.87168  (21011805)               435585.99
3710041.79       13.89506  (20120804)
        435592.13   3710019.99       13.81999  (20120804)               435598.27
3709998.19       13.79123  (18020723)
        435604.41   3709976.39       13.76194  (20121923)               435610.55
3709954.59       13.75743  (21020101)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 503
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
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                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435616.69   3709932.78       13.71666  (17010723)               435622.83
3709910.98       13.92187  (20101207)
        435628.96   3709889.18       13.75459  (18010223)               435635.10
3709867.38       13.71389  (18010223)
        435641.24   3709845.58       13.72255  (19033001)               435647.38
3709823.78       13.89890  (21111303)
        435653.52   3709801.98       14.06311  (19121808)               435659.66
3709780.17       13.94417  (20022721)
        435665.80   3709758.37       13.85004  (18011508)               435671.94
3709736.57       13.83378  (18020307)
        435678.08   3709714.77       13.84491  (18012923)               435684.22
3709692.97       13.80113  (21011405)
        435690.36   3709671.17       13.77744  (18020820)               435696.50
3709649.36       13.67644  (17011607)
        435702.64   3709627.56       13.68477  (17012608)               435708.78
3709605.76       13.76009  (18011208)
        435714.92   3709583.96       13.92097  (21012108)               435721.06
3709562.16       13.87148  (20020119)
        435727.20   3709540.36       13.73474  (21010821)               435733.34
3709518.56       13.75966  (21011522)
        435739.48   3709496.75       13.68521  (18020822)               435745.62
3709474.95       13.56887  (17100620)
        435751.76   3709453.15       13.51588  (19012905)               435757.89
3709431.35       13.39510  (20122405)
        435764.03   3709409.55       13.37758  (20100520)               435770.17
3709387.75       13.34950  (21022223)
        435776.31   3709365.94       13.24723  (19110901)               435536.87
3710216.20       13.88974  (20040703)
        435537.62   3710239.27       13.91252  (19012701)               435538.36
3710262.34       13.91643  (18122603)
        436998.29   3710253.17       91.13540  (18022519)               437006.23
3710275.99       92.84785  (17020905)
        437014.16   3710298.81      100.89744  (17020502)               436943.13
3710246.78       84.88825  (20121819)
        436951.07   3710269.60       92.56996  (19020719)               436959.00
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3710292.42       99.89609  (21022619)
        436966.94   3710315.24      109.12889  (17021222)                436891.78
3710240.99       61.52796  (17070206)
        436895.90   3710263.20       63.38911  (17122818)                436903.84
3710286.02       66.69711  (21011604)
        436911.78   3710308.84       71.60351  (17020220)                436919.71
3710331.66       78.17599  (19012719)
        436845.01   3710259.88       53.76251  (18080906)                436856.62
3710302.45       56.35086  (17121518)
        436864.55   3710325.27       58.01426  (20012122)                436872.49
3710348.09       59.40847  (20122108)
        436798.02   3710277.54       48.20076  (21011719)                436809.39
3710318.87       49.64236  (21011603)
        436817.33   3710341.69       50.81130  (20100520)                436825.26
3710364.51       52.65036  (20010708)
        436750.11   3710290.26       43.32946  (20100520)                436745.98
3710268.05       42.74144  (19110901)
        436741.86   3710245.83       42.32435  (21121908)                436754.23
3710312.48       44.12731  (19121508)
        436762.16   3710335.30       45.10768  (17012608)                436770.10
3710358.12       46.19880  (17050206)
        436778.04   3710380.94       47.32219  (20012308)                436703.15
3710308.17       40.15666  (18121508)
        436695.46   3710266.70       39.03452  (21011522)                436714.94
3710351.72       41.31448  (17122808)
        436722.88   3710374.54       42.10276  (20122708)                436730.81
3710397.36       42.91006  (21011603)
        436655.38   3710321.63       37.24849  (20010708)                436650.98
3710297.93       36.86472  (20012308)
        436646.58   3710274.24       36.30203  (20022718)                436642.19
3710250.54       35.87805  (21011402)
        436659.78   3710345.33       37.61783  (17122808)                436667.71
3710368.15       38.40123  (18011208)
        436675.65   3710390.97       39.24378  (20022718)                436683.59
3710413.79       40.58278  (17050206)
        436608.43   3710339.54       34.95716  (20012308)                436604.31
3710317.32       34.57521  (20012308)
        436600.18   3710295.10       34.18044  (19010908)                436591.94
3710250.67       33.43743  (20022718)
        436612.55   3710361.75       35.43794  (20010708)                436620.49
3710384.57       36.29509  (19062806)
        436628.43   3710407.39       37.13564  (21110223)                436636.36
3710430.21       38.24576  (21110223)
        436561.40   3710357.02       33.12715  (20090522)                436553.55
3710314.70       32.41115  (20012308)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436545.69	3710272.38	31.77034	(20090522)	436573.26	3710401.00	34.69566	(20112104)
436581.20	3710423.82	35.35285	(19120805)	436589.14	3710446.64	36.00065	(19062806)
436466.75	3710388.81	31.26369	(19062806)	436462.63	3710366.59	30.31398	(21110223)
436454.38	3710322.16	28.93570	(17122808)	436450.26	3710299.94	28.86519	(17122808)
436446.14	3710277.73	28.67826	(17122808)	436442.02	3710255.51	28.37158	(17122808)
436470.88	3710411.03	31.70391	(19062806)	436478.81	3710433.85	32.18438	(19062806)
436486.75	3710456.67	31.73127	(20030806)	436494.69	3710479.49	32.30873	(20120818)
436372.15	3710420.84	28.01101	(19062806)	436367.87	3710397.80	27.81461	(20030806)
436363.60	3710374.76	27.29428	(21090405)	436359.32	3710351.72	27.86540	(21110223)
436355.05	3710328.68	26.50240	(21122423)	436350.77	3710305.64	25.83542	(18011120)
436346.50	3710282.60	25.56243	(20123022)	436342.22	3710259.56	25.27605	(18020721)
436376.43	3710443.88	28.28168	(20120818)	436384.36	3710466.70	28.49152	(20101104)
436392.30	3710489.52	28.77767	(19012308)	436400.24	3710512.34	29.48352	(20022720)

436277.58 3710453.03 25.55800 (21011624) 436273.18
3710429.33 25.24764 (21012104)
436268.78 3710405.63 24.90808 (21012104) 436264.38
3710381.94 24.84330 (20120818)
436259.99 3710358.24 25.22363 (20030806) 436255.59
3710334.54 24.42025 (20030806)
436251.19 3710310.84 24.15275 (21090405) 436246.79
3710287.15 23.59034 (20120804)
436242.39 3710263.45 23.24930 (18020723) 436281.98
3710476.73 25.80561 (19122019)
436289.91 3710499.55 26.19732 (19012422) 436297.85
3710522.37 26.57084 (21010722)
436305.79 3710545.19 26.96421 (20101321) 436183.40
3710487.36 23.63592 (20122201)
436175.16 3710442.93 23.28424 (18012922) 436171.03
3710420.71 23.01106 (21011624)
436166.91 3710398.49 22.90586 (21012104) 436162.79
3710376.28 22.64521 (21012104)
436158.66 3710354.06 22.31030 (17121024) 436154.54
3710331.84 22.32261 (19062806)
436146.29 3710287.41 22.05705 (21011401) 436142.17
3710265.19 21.49801 (21011805)
436187.52 3710509.57 23.82521 (21013124) 436195.46
3710532.39 24.17019 (20122619)
436203.40 3710555.21 24.53371 (20120206) 436211.33
3710578.03 24.76213 (20120206)
436088.85 3710519.64 21.90869 (19121202) 436084.62
3710496.85 21.66967 (21010722)
436080.39 3710474.07 21.46554 (19120501) 436076.16
3710451.28 21.33802 (21101620)
436071.93 3710428.49 21.30856 (19122019) 436067.70
3710405.71 21.12887 (19122019)
436063.47 3710382.92 20.89381 (21012104) 436059.24
3710360.14 20.62226 (19012701)
436055.02 3710337.35 20.48689 (17121022) 436050.79
3710314.56 20.27048 (20120818)
436046.56 3710291.78 20.33734 (21070705) 436042.33
3710268.99 20.40983 (20030806)
436093.07 3710542.42 22.14325 (18121006) 436101.01
3710565.24 22.31174 (18013107)
436108.95 3710588.06 22.68848 (20021207) 436116.88
3710610.88 23.37437 (21012106)
435994.30 3710552.00 20.20126 (21022402) 435989.98
3710528.72 20.13983 (17120804)
435985.67 3710505.45 19.97340 (19121202) 435981.35
3710482.18 19.84279 (21011722)
435977.03 3710458.90 19.65757 (19120501) 435972.71
3710435.63 19.47594 (20122105)
435968.39 3710412.35 19.48366 (19122019) 435964.07
3710389.08 19.49037 (18012922)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	18.59385	(19110604)	435998.62	3710575.27	20.29506	(17122420)
436006.56	3710598.09	20.91439	(19120507)	436014.50	3710620.91	21.33559	(19010621)
436022.43	3710643.73	21.66575	(19121620)	435899.77	3710584.43	18.72687	(19120507)
435895.38	3710560.73	18.49889	(19123005)	435890.98	3710537.03	18.50116	(17121107)
435886.58	3710513.33	18.39332	(20122224)	435882.18	3710489.64	18.32949	(20010520)
435877.79	3710465.94	18.19038	(20010520)	435873.39	3710442.24	18.02093	(19121502)
435868.99	3710418.54	17.87414	(18121622)	435864.59	3710394.85	17.73870	(19122019)
435860.19	3710371.15	17.77987	(19122019)	435855.80	3710347.45	17.77806	(18012922)
435851.40	3710323.75	17.49124	(18012922)	435847.00			

3710300.06 17.29493 (17121022)
435842.60 3710276.36 17.21400 (17121022) 435904.17
3710608.12 19.19570 (18121323)
435912.11 3710630.94 19.50380 (19123003) 435920.05
3710653.76 19.76503 (20121706)
435927.98 3710676.58 19.95097 (21010422) 435805.52
3710618.32 17.97411 (21021603)
435801.31 3710595.67 17.68754 (18120223) 435797.11
3710573.02 17.16156 (19121924)
435792.91 3710550.36 17.08947 (18121201) 435788.70
3710527.71 17.10037 (17121107)
435784.50 3710505.06 16.99143 (20122224) 435780.30
3710482.41 16.91569 (21010722)
435776.09 3710459.76 16.75459 (21011722) 435771.89
3710437.10 16.59049 (20122201)
435767.68 3710414.45 16.49126 (20022720) 435763.48
3710391.80 16.39771 (18121622)
435759.28 3710369.15 16.31514 (21010723) 435755.07
3710346.50 16.40444 (19122019)
435750.87 3710323.84 16.42240 (18012922) 435746.66
3710301.19 16.15136 (21012104)
435742.46 3710278.54 15.97018 (19012903) 435809.72
3710640.97 18.09247 (18012918)
435817.66 3710663.79 18.31935 (17122722) 435825.60
3710686.61 18.43061 (17121120)
435833.53 3710709.43 18.65722 (19013002) 435711.00
3710650.78 17.95663 (17122722)
435706.72 3710627.74 17.62040 (18020824) 435702.44
3710604.70 16.93112 (19010508)
435698.17 3710581.66 16.24173 (18120223) 435693.89
3710558.63 15.87874 (18013107)
435689.62 3710535.59 15.83154 (20123104) 435685.34
3710512.55 15.87442 (17021401)
435681.07 3710489.51 15.96350 (21013124) 435676.79
3710466.47 16.07939 (21013124)
435672.51 3710443.43 15.94227 (21011705) 435668.24
3710420.39 15.78694 (21011722)
435663.96 3710397.35 15.58243 (21092804) 435659.69
3710374.31 15.26300 (19122021)
435655.41 3710351.27 15.12206 (19121506) 435651.14
3710328.23 15.17502 (19012620)
435646.86 3710305.19 15.26720 (18012922) 435642.59
3710282.16 14.92295 (19012701)
435715.27 3710673.82 17.97361 (17122722) 435723.21
3710696.64 18.02387 (18020722)
435731.14 3710719.46 18.04502 (19120102) 435739.08
3710742.28 18.34690 (18011622)
435616.48 3710683.29 17.21655 (17122722) 435612.14
3710659.90 17.16888 (21022405)
435607.80 3710636.51 17.25186 (20012322) 435603.46

3710613.13   17.23440 (19020108)
        435599.12   3710589.74   17.02803 (19010508)   435594.78
3710566.36   16.75231 (18050306)
        435590.44   3710542.97   16.55031 (17120122)   435586.10
3710519.59   16.39207 (17021401)
        435581.76   3710496.20   16.22248 (17011124)   435577.42
3710472.81   16.05922 (20101321)
        435573.08   3710449.43   15.78058 (20101321)   435568.74
3710426.04   15.32453 (20122201)
        435564.40   3710402.66   15.08192 (21092121)   435560.06
3710379.27   14.58670 (21011620)
        435555.72   3710355.89   14.25413 (19122021)   435551.38
3710332.50   14.13789 (19122019)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        437049.22   3710371.33      127.14992  (18120916)                436982.47
3710348.64      126.52709  (17011720)
        436993.39   3710370.97      142.18923  (18122018)                437004.30
3710393.30      162.91663  (17011720)
        436937.55   3710370.61       95.56097  (19120706)                436948.47
3710392.93      107.74436  (18101406)
        436959.39   3710415.26      120.95124  (21021723)                436881.72
3710370.24       61.16023  (21011603)
        436892.63   3710392.57       65.47263  (20012708)                436903.55
3710414.89       74.44705  (17020221)
        436914.47   3710437.22       89.69836  (18101406)                436836.80
3710392.20       54.51460  (18121508)
        436847.72   3710414.53       55.84792  (18020219)                436858.63
3710436.86       59.66138  (18020219)
        436869.55   3710459.18       70.64376  (19012719)                436791.88
3710414.17       49.10290  (21122608)
        436802.80   3710436.49       50.93634  (20112424)                436813.71
3710458.82       54.20622  (21011208)
        436824.63   3710481.15       62.70791  (21090405)                436746.96
3710436.13       45.05976  (20101104)
        436757.88   3710458.46       46.48689  (18120808)                436768.80
3710480.78       50.76744  (20010708)
        436779.71   3710503.11       55.22409  (20012308)                436692.82
3710435.94       41.37356  (20101104)
        436702.05   3710458.09       42.18113  (20101104)                436712.96
3710480.42       43.60667  (21110223)
        436723.88   3710502.75       45.33659  (21110223)                436734.80
3710525.07       47.23699  (20101104)
        436650.21   3710463.44       39.67584  (21110223)                436668.04
3710502.38       41.02366  (19062806)
        436678.96   3710524.71       42.38175  (19062806)                436689.88
3710547.04       43.70165  (20020723)
        436604.52   3710483.56       37.58196  (19062806)                436623.13
3710524.34       39.05946  (19062806)
        436634.04   3710546.67       40.17490  (20010308)                436644.96
3710569.00       41.78630  (21110503)
        436513.14   3710523.79       33.63423  (20010308)                436503.92
3710501.64       32.99840  (21110503)
        436522.37   3710545.94       34.41001  (21011620)                436533.29
3710568.27       35.21865  (20090521)
        436544.21   3710590.60       36.12503  (20101321)                436555.12
3710612.92       37.49207  (17021608)
        436424.46   3710570.49       30.91394  (20101321)                436443.45
3710612.20       32.55986  (18120223)
        436454.37   3710634.52       33.60308  (18121323)                436465.29
3710656.85       34.56786  (19123004)
        436333.47   3710611.64       28.92325  (19011221)                436324.24
3710589.49       27.92796  (18120223)
        436315.01   3710567.34       27.39832  (21013124)                436342.70
3710633.79       29.56689  (19011221)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435964.90   3710765.19       20.92509  (18122601)                435955.67
3710743.04       20.63974  (20011224)
        435946.44   3710720.89       20.37076  (20021203)                435937.21
3710698.74       20.17610  (18120421)
        435983.36   3710809.50       21.32014  (19122402)                435994.27
3710831.82       21.49054  (19122803)
        436005.19   3710854.15       21.73943  (20012721)                436016.11
3710876.48       22.14227  (18121422)
        435884.95   3710832.85       20.10516  (17121401)                435867.81
3710791.71       19.61255  (17012120)
        435850.67   3710750.57       18.98710  (19022706)                435904.44
3710875.75       20.48364  (21122420)
        435915.35   3710898.08       20.63384  (20122621)                435926.27
3710920.40       20.72320  (21012201)
        435794.45   3710875.20       19.66238  (17021323)                435785.23
3710853.04       19.96727  (20012005)
        435776.00   3710830.89       19.97882  (19122020)                435766.77
3710808.74       19.76229  (21021302)
        435757.54   3710786.59       19.36129  (21111121)                435748.31
3710764.43       18.68027  (18011622)
        435803.68   3710897.35       19.57488  (19021307)                435814.60
3710919.67       19.45352  (21011420)
        435825.52   3710942.00       19.37508  (20022904)                435836.43
3710964.33       19.26006  (20102307)
        435705.19   3710920.51       18.71487  (19021307)                435687.89
3710878.97       19.25961  (20122902)
        435670.59   3710837.43       19.56021  (17021424)                435724.76
3710963.60       18.56893  (20122621)
        435735.68   3710985.93       18.18814  (19122118)                435746.60
3711008.25       17.90027  (19101307)
        437052.65   3710321.47       69.30186  (18120916)                437017.82
3710373.27      146.96875  (17020905)
        436964.72   3710362.63      117.12156  (20010419)                436881.73
3710306.83       60.95026  (17022023)
        436863.46   3710244.40       56.75329  (21010620)                436828.63
3710296.20       52.11304  (21112723)
        436810.36   3710233.77       48.94154  (19051906)                436662.66
3710184.60       36.41765  (17101620)
        436538.19   3710100.90       30.16165  (21013104)                436383.83
3709972.03       24.61001  (18122219)
        436289.23   3709933.50       22.37436  (20122108)                436123.27
3709821.90       18.85495  (20122103)
        435920.75   3709585.43       15.14194  (20101320)                436987.78
3710422.82      153.73268  (17011720)
        436981.82   3710445.14      148.30144  (21011222)                436975.87
3710467.47      146.82777  (18010719)
        436969.92   3710489.80      158.12532  (20112424)                436921.61
3710476.92      114.58699  (20102504)
        436904.79   3710367.02       69.50285  (21122608)                436851.94
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3710364.15   55.92870 (20122405)
        436776.67   3710438.27   48.10978 (20122708)   436746.22
3710358.41   43.96904 (20010708)
        436726.55   3710282.45   41.30620 (18121508)   436691.95
3710367.85   39.78559 (17122808)
        436618.82   3710281.14   34.97828 (19010908)   436589.38
3710364.41   34.36464 (17122808)
        436570.02   3710269.33   32.78140 (20012308)   436612.64
3710175.47   33.67594 (19110901)
        436535.11   3710373.86   32.54760 (20112104)   436465.44
3710261.09   29.09447 (17122808)
        436483.63   3710221.04   29.34442 (21011402)   436501.81
3710180.99   29.64493 (20100501)
        436520.00   3710140.95   29.85576 (17101622)   436438.49
3710348.09   28.88656 (21122423)
        436369.27   3710234.32   26.25304 (20022721)   436378.82
3710213.30   26.35765 (20022721)
        436388.37   3710192.27   26.42555 (18011323)   436397.91
3710171.25   26.61188 (17102424)
        436407.46   3710150.22   26.60031 (20022724)   436417.01
3710129.20   26.73053 (17121003)
        436426.56   3710108.17   26.82497 (17122902)   436436.11
3710087.15   26.85004 (17122902)
        436445.65   3710066.12   26.92465 (21013105)   436272.19
3710209.56   23.45392 (21111303)
        436290.38   3710169.51   23.95122 (17010805)   436308.56
3710129.47   24.22420 (18010208)
        436326.75   3710089.42   24.25775 (20022724)   436344.94
3710049.37   24.42334 (18012419)
        436363.12   3710009.32   24.43914 (20120423)   436175.92
3710183.03   21.38945 (18020401)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436185.36	3710162.23	21.44864	(18010224)	436194.80	3710141.44	21.79170	(20022704)
436204.25	3710120.64	22.02154	(17122802)	436213.69	3710099.85	22.12972	(18010801)
436223.13	3710079.06	22.20557	(17112219)	436232.58	3710058.26	22.25736	(18011402)
436242.02	3710037.47	22.20081	(18122122)	436251.46	3710016.67	22.30928	(17121003)
436260.90	3709995.88	22.35664	(17050206)	436270.35	3709975.09	22.32296	(20022804)
436279.79	3709954.29	22.31571	(18011121)	436166.47	3710203.82	21.45573	(19012722)
436160.52	3710226.15	21.52585	(18020723)	436078.94	3710158.03	19.74439	(18011120)
436097.13	3710117.98	19.75352	(17121519)	436115.32	3710077.94	20.20363	(20011320)
436133.50	3710037.89	20.41867	(17122721)	436151.69	3709997.84	20.45394	(17102424)
436169.88	3709957.79	20.47459	(17121003)	436188.06	3709917.75	20.53402	(17012824)
436063.90	3710200.38	19.78550	(20120804)	435982.60	3710131.64	18.21759	(18011120)
435991.98	3710110.99	18.17509	(18011803)	436001.36	3710090.34	18.16931	(19011822)
436010.74	3710069.69	18.19464	(21122021)	436020.11	3710049.04	18.41185	(18011204)
436029.49	3710028.39	18.63851	(20011320)	436038.87	3710007.74	18.81217	(18020206)
436048.25	3709987.09	18.88632	(18012923)	436057.62	3709966.45	18.90667	(18010208)
436067.00	3709945.80	18.93065	(20101302)	436076.38	3709925.15	18.90559	(20020104)
436085.76	3709904.50	18.94357	(17120803)	436095.13	3709883.85	18.97780	(20020119)
436104.51	3709863.20	18.96823	(18011405)	436113.89	3709842.55	18.90706	(20022702)
435973.23	3710152.29	18.24505	(21041604)	435967.27	3710174.62	18.19557	(21011401)
435961.32	3710196.94	18.41308	(21041604)	435894.79	3710086.48	16.92280	(18011120)

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        435912.98   3710046.43       16.87635  (17122701)                435931.16
3710006.38       16.97402  (18012704)
        435949.35   3709966.34       17.38059  (19012804)                435967.54
3709926.29       17.57182  (18012923)
        435985.72   3709886.24       17.57504  (18020820)                436003.91
3709846.19       17.60508  (21012024)
        436022.10   3709806.15       17.59559  (18121403)                435807.98
3710039.11       15.74660  (18011803)
        435817.31   3710018.56       15.69904  (18020401)                435826.64
3709998.01       15.70032  (18010223)
        435835.97   3709977.46       15.71577  (18020204)                435845.31
3709956.91       15.83039  (18012704)
        435854.64   3709936.36       16.08779  (17121901)                435863.97
3709915.81       16.18269  (19012804)
        435873.30   3709895.25       16.32296  (19012001)                435882.64
3709874.70       16.35791  (17122721)
        435891.97   3709854.15       16.37668  (17122624)                435901.30
3709833.60       16.38707  (20020104)
        435910.63   3709813.05       16.36476  (21011703)                435919.97
3709792.50       16.38717  (17120803)
        435929.30   3709771.95       16.38010  (17122821)                435938.63
3709751.40       16.38409  (18012420)
        435947.97   3709730.85       16.33583  (17012824)                435768.07
3710145.42       16.12237  (21011401)
        435721.55   3709990.90       14.74602  (18020721)                435731.09
3709969.87       14.71580  (18013122)
        435740.64   3709948.85       14.67358  (18020204)                435750.19
3709927.82       14.71703  (18010223)
        435759.74   3709906.80       14.83321  (18012704)                435769.29
3709885.77       15.07876  (18011204)
        435778.83   3709864.75       15.13046  (17013104)                435788.38
3709843.72       15.20677  (19012001)
        435797.93   3709822.70       15.21059  (18012923)                435807.48
3709801.67       15.23791  (18012923)
        435817.03   3709780.65       15.23969  (17011607)                435826.57
3709759.62       15.22085  (21011703)
        435836.12   3709738.60       15.19689  (18020202)                435845.67
3709717.57       15.16359  (17031905)
        435855.22   3709696.55       15.18925  (18012419)                435864.77
3709675.52       15.14481  (18121403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 509
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
```

INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	13.97003	(18020721)	435661.13	3709885.40	13.95666	(18010223)
435670.43	3709864.92	14.01786	(18010224)	435679.73	3709844.44	14.17278	(18012704)
435689.03	3709823.97	14.32288	(19121808)	435698.33	3709803.49	14.36461	(20090522)
435707.63	3709783.01	14.24024	(18011404)	435716.93	3709762.53	14.29222	(17122721)
435726.23	3709742.05	14.29235	(18020301)	435735.53	3709721.57	14.30056	(19010908)
435744.83	3709701.09	14.27412	(19122108)	435754.13	3709680.61	14.23468	(18020124)
435772.73	3709639.66	14.32092	(19100607)	436969.01	3710524.96	168.07302	(21021003)
436970.50	3710565.89	202.46964	(20101104)	436918.30	3710506.32	110.43923	(20102504)
436919.79	3710547.25	111.56360	(21011503)	436921.28	3710588.18	123.78014	(21010608)
436869.98	3710493.44	84.77032	(20112424)	436869.07	3710528.60	80.22436	(20120119)
436870.56	3710569.53	75.87050	(21101407)	436818.36	3710509.96	65.53575	(20121403)
436819.85	3710550.89	59.45480	(18011208)	436821.34	3710591.82	61.72362	(20012308)
436769.14	3710532.24	50.70410	(20010708)	436770.63	3710573.17	52.53225	(20102504)
436724.39	3710460.67	43.76299	(20010708)	436719.92	3710554.52	46.21414	(20020723)
436721.41	3710595.45	48.51818	(21011722)	436674.25	3710463.96	40.84040	(21110223)
436670.70	3710576.81	43.64636	(21110503)	436625.11			

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3710458.43       38.00771  (20102504)
        436620.73   3710578.63       40.16265  (19072406)                436570.66
3710500.15       35.60584  (21090405)
        436569.27   3710539.52       36.54960  (20010308)                436570.76
3710580.45       37.49146  (21011722)
        436522.70   3710484.12       33.47830  (20030806)                436526.84
3710447.36       33.95163  (19062806)
        436530.97   3710410.61       33.34940  (19062806)                436521.54
3710602.73       35.39521  (19101602)
        436423.04   3710485.30       29.81650  (21011624)                436427.45
3710446.10       29.79508  (19062806)
        436431.87   3710406.90       30.29881  (21090405)                436419.37
3710544.97       30.41813  (20122201)
        436421.61   3710606.37       31.57719  (21021603)                436320.80
3710509.44       27.09274  (21011722)
        436325.01   3710472.01       26.82921  (18012922)                436329.22
3710434.59       26.74855  (21110503)
        436333.44   3710397.17       27.13331  (19062806)                436337.65
3710359.75       26.50891  (21090405)
        436220.97   3710512.18       24.58449  (20122105)                436225.38
3710472.98       24.48519  (19012620)
        436229.79   3710433.78       24.33010  (21011624)                436234.21
3710394.57       24.11407  (21012104)
        436120.95   3710516.52       22.53951  (21090203)                436125.21
3710478.72       22.33615  (21101620)
        436129.46   3710440.91       22.40247  (19122019)                436133.72
3710403.11       22.20618  (21012104)
        436137.98   3710365.31       22.08737  (21012104)                436021.10
3710519.46       20.63957  (19121202)
        436025.51   3710480.25       20.55000  (21011722)                436029.92
3710441.05       20.50993  (18121622)
        436034.34   3710401.85       20.58028  (19122019)                436019.64
3710559.52       20.68853  (20122224)
        435921.23   3710522.48       18.93577  (18121006)                435925.78
3710482.05       19.00997  (20010520)
        435930.34   3710441.63       18.84904  (19122021)                435934.89
3710401.20       18.93897  (19012422)
        435919.70   3710563.16       18.90396  (19123005)                435821.23
3710526.73       17.51102  (17121107)
        435825.64   3710487.53       17.53834  (21010722)                435830.06
3710448.33       17.48637  (19121205)
        435834.47   3710409.12       17.32535  (19121502)                435819.77
3710566.80       17.39124  (19121924)
        435721.36   3710529.86       16.20123  (21022402)                435725.88
3710489.62       16.26039  (21010722)
        435730.41   3710449.39       16.18601  (21010122)                435734.94
3710409.15       16.10688  (18122121)
        435757.59   3710207.98       16.63620  (19110604)                435719.84
3710570.44       16.23727  (20021604)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435621.36	3710534.01	16.10657	(20070706)	435625.78	3710494.81	16.05530	(20122619)
435630.19	3710455.60	15.98808	(21013124)	435634.60	3710416.40	15.55790	(20090521)
435619.90	3710574.08	16.69771	(18121323)	435521.48	3710537.20	16.46586	(17120121)
435525.99	3710497.11	16.43210	(17021401)	435530.51	3710457.01	16.01952	(17060506)
435535.02	3710416.92	15.12154	(20090521)	435519.97	3710577.71	16.60046	(20070706)
435521.46	3710618.64	16.67613	(19020108)	436953.73	3710589.22	178.89577	(21090424)
436939.59	3710607.08	163.56186	(20120708)	436925.45	3710624.94	147.65412	(20091403)
436942.81	3710522.47	125.17834	(20012122)	436900.39	3710576.05	97.81613	(20012708)
436886.25	3710593.91	86.99504	(21011607)	436889.47	3710509.29	95.51690	(18101406)
436847.05	3710562.87	66.15835	(18011208)	436850.26	3710478.25	69.89339	(21011008)
436807.84	3710531.83	57.68140	(18011208)	436825.20	3710429.36	53.09447	(20121403)

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        436651.04   3710407.69       38.32441  (20012308)              436522.51
3710247.82       30.78146  (20012308)
        436508.37   3710265.68       30.39035  (17122808)              436494.23
3710283.54       30.09301  (18012924)
        436472.39   3710150.03       28.49731  (20100501)              436415.83
3710221.47       27.33065  (21011123)
        436393.99   3710087.96       25.86569  (20022804)              436379.85
3710105.82       25.64135  (17121003)
        436315.58   3710025.89       23.65150  (18012419)              436237.18
3709963.81       21.69044  (17101622)
        436223.04   3709981.67       21.54170  (21011220)              436158.78
3709901.74       19.99054  (20020119)
        436144.64   3709919.60       19.88525  (17010802)              436080.38
3709839.67       18.49959  (18011405)
        436066.24   3709857.53       18.43981  (17010802)              436001.97
3709777.60       17.21958  (20010704)
        435987.83   3709795.46       17.15631  (18011405)              435973.69
3709813.32       17.05127  (20121705)
        435923.57   3709715.52       15.99714  (21011402)              435909.43
3709733.38       15.96786  (17010802)
        435895.29   3709751.24       15.90454  (17031905)              435881.15
3709769.10       15.86394  (18020202)
        435845.17   3709653.45       14.87944  (18121403)              435831.03
3709671.31       14.89896  (18012419)
        435816.89   3709689.17       14.83441  (17012608)              435802.75
3709707.03       14.75418  (21012024)
        436914.85   3710651.52      146.45060  (17121105)              436911.28
3710691.41      208.14028  (20050502)
        436907.71   3710731.30      229.76140  (21041803)              436872.11
3710629.34       82.83841  (19020108)
        436863.26   3710667.01       87.94681  (21012022)              436859.69
3710706.90       97.10665  (20120408)
        436856.12   3710746.79      106.87512  (21021007)              436821.61
3710626.66       65.85871  (19010608)
        436813.46   3710662.55       70.58370  (21011420)              436809.89
3710702.44       77.15446  (20120823)
        436806.32   3710742.33       82.49100  (18020502)              436772.51
3710620.42       56.99336  (19121506)
        436793.71   3710567.27       55.62335  (17122808)              436763.66
3710658.09       60.21193  (17031607)
        436760.09   3710697.98       64.00973  (20122621)              436756.52
3710737.87       68.06394  (19071506)
        436742.14   3710567.24       49.30426  (20101104)              436715.65
3710633.68       51.08045  (21012106)
        436712.07   3710673.58       53.71324  (17021424)              436708.50
3710713.47       56.50525  (21011704)
        436672.91   3710611.51       45.18247  (20121808)              436708.24
3710522.92       44.84815  (20102504)
        436664.06   3710649.17       46.82600  (17021522)              436660.49
3710689.06       48.65898  (20012005)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       436560.89   3710680.14   40.30503 (19010608)   436557.31
3710720.04   41.48366 (21011701)
       436545.80   3710542.25   35.34621 (21011620)   436575.15
3710468.65   36.07702 (19062806)
       436514.66   3710635.79   36.29679 (18121323)   436511.09
3710675.68   37.31753 (21012123)
       436507.51   3710715.58   38.14244 (19011808)   436473.71
3710593.67   33.03998 (21110503)
       436487.84   3710558.23   33.17190 (20022720)   436558.50
3710381.05   33.81152 (19062806)
       436459.50   3710691.17   35.09732 (20010306)   436374.11
3710584.75   29.37899 (20022621)
       436388.24   3710549.31   29.41526 (20122201)   436473.03

3710336.70 29.57629 (17011608)
436365.25 3710622.42 30.13758 (19011221) 436274.51
3710575.83 26.36795 (18010102)
436380.50 3710310.06 26.58619 (20123022) 436394.63
3710274.63 26.93924 (20022721)
436265.65 3710613.50 27.01804 (18120223) 436175.21
3710566.14 23.92871 (18010505)
436278.44 3710307.31 24.50148 (21011401) 436293.19
3710270.33 24.29584 (21020101)
436307.93 3710233.35 24.36753 (18010224) 436166.05
3710604.58 24.34429 (20012322)
436162.48 3710644.47 24.68201 (20101601) 436075.57
3710557.31 21.78548 (20120206)
436178.31 3710299.72 22.71644 (21011401) 436192.98
3710262.92 22.33472 (18020723)
436207.66 3710226.12 22.35613 (19012621) 436066.45
3710595.66 22.03760 (19120507)
436062.88 3710635.55 22.46622 (19010621) 436059.31
3710675.44 22.62902 (18122921)
436012.49 3710456.82 20.19690 (20022720) 436078.28
3710291.86 21.24662 (19062806)
436092.90 3710255.20 20.70003 (21011805) 436107.52
3710218.54 20.58502 (20120804)
435968.63 3710566.80 19.76264 (17121107) 435965.06
3710606.69 20.24023 (18121323)
435961.49 3710646.58 20.49934 (19121620) 435905.47
3710466.52 18.62344 (18011804)
435971.05 3710302.07 19.07144 (17121022) 435985.63
3710265.53 19.55438 (21070705)
436000.20 3710228.99 19.17435 (21011805) 436014.77
3710192.44 18.95246 (21011401)
436029.35 3710155.90 18.99740 (20121923) 435869.03
3710557.88 18.10924 (17021401)
435865.46 3710597.77 18.49010 (19120507) 435861.89
3710637.66 18.70468 (19011221)
435805.77 3710457.84 17.14658 (19121205) 435834.85
3710384.94 17.29211 (21010723)
435871.19 3710293.82 17.72336 (21012104) 435885.72
3710257.37 17.98116 (19110604)
435900.26 3710220.92 18.18325 (19062806) 435914.79
3710184.47 17.76489 (20120804)
435929.33 3710148.02 17.63335 (18011322) 435769.43
3710548.96 16.79670 (18121201)
435765.86 3710588.85 17.12303 (18120223) 435762.29
3710628.74 17.56939 (18102607)
435706.09 3710449.12 15.97626 (21013124) 435735.10
3710376.38 16.04158 (19122122)
435771.36 3710285.46 16.29825 (19012903) 435785.87
3710249.09 16.43477 (17121022)
435800.37 3710212.72 16.95176 (19110604) 435814.87

3710176.35   16.54663 (18112723)
        435829.38   3710139.99   16.62535 (20120804)   435843.88
3710103.62   16.45743 (18011322)
        435668.04   3710559.99   15.70517 (20070706)   435664.47
3710599.88   16.80438 (18121323)
        435660.90   3710639.77   17.57981 (20012322)   435599.18
3710458.52   15.95229 (21013124)
        435628.14   3710385.92   15.07114 (21011620)   435671.57
3710277.02   15.25198 (19012701)
        435686.05   3710240.72   15.39387 (20120818)   435700.52
3710204.42   15.58523 (20101104)
        435715.00   3710168.12   15.83095 (20030806)   435729.48
3710131.82   15.64675 (20112424)
        435743.95   3710095.52   15.39045 (21011401)   435794.62
3709968.47   15.24099 (17122701)
        435568.44   3710551.07   16.64513 (18122120)   435564.87
3710590.96   16.85641 (20012322)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        435522.39   3710392.41       14.78077  (20122201)              435566.76
3710281.16       14.42996  (18012922)
        435581.55   3710244.07       14.33044  (19012903)              435596.34
3710206.99       14.42202  (20120818)
        435611.13   3710169.90       14.74573  (21031806)              435625.92
3710132.82       14.78089  (21031806)
        435640.71   3710095.73       14.50924  (21011805)              435655.50
3710058.65       14.47455  (21070705)
        435468.84   3710542.15       16.17446  (17121107)              435465.27
3710582.04       16.39421  (20012322)
        435461.70   3710621.93       16.17922  (18020824)              436915.73
3710783.44      260.45515  (19110523)
        436907.55   3710762.62      241.66253  (20051605)              436937.15
3710806.27      321.20624  (19082401)
        436880.10   3710817.46      153.64504  (20070405)              436860.47
3710777.12      123.41185  (20030803)
        436903.71   3710843.43      174.66968  (20100707)              436845.57
3710853.05      124.14163  (19112623)
        436825.93   3710824.73      103.44271  (21012023)              436813.66
3710793.51       94.35325  (20011918)
        436870.26   3710880.60      132.44170  (18101321)              436811.47
3710889.27      103.88653  (19112623)
        436790.52   3710859.06       90.28762  (18060804)              436766.96
3710810.65       78.16647  (21012203)
        436761.74   3710774.26       72.97988  (21053006)              436836.82
3710917.77      121.22611  (18101321)
        436777.58   3710925.81       93.07750  (20012624)              436755.76
3710894.34       80.36775  (18070905)
        436733.95   3710862.87       72.27672  (21051024)              436720.32
3710828.18       67.19962  (17011605)
        436714.88   3710790.27       63.62053  (21032107)              436709.44
3710752.37       59.68346  (17022107)
        436803.37   3710954.94      107.40481  (20012624)              436743.83
3710962.53       83.40593  (19110523)
        436721.38   3710930.16       72.35028  (18070905)              436698.94
3710897.79       66.87660  (21051024)
        436673.70   3710845.92       59.02027  (19010702)              436668.11
3710806.93       56.83020  (20050504)
        436662.51   3710767.94       53.66513  (18020504)              436769.93
3710992.10       92.39354  (20070405)
        436711.42   3711001.19       67.57840  (20082304)              436691.06
3710971.82       69.36362  (18060804)
        436670.69   3710942.45       64.49827  (20092305)              436650.33
3710913.08       56.14551  (21102222)
        436627.42   3710866.01       51.99952  (18122408)              436622.35
3710830.63       51.24672  (18122519)
        436617.27   3710795.25       49.61845  (18120719)              436612.19
3710759.87       47.60960  (17012005)
        436736.48   3711029.27       75.85170  (21120223)              436677.68
3711037.94       57.63125  (19041722)
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        436656.74   3711007.73       60.40225  (20121320)                436635.79
3710977.52       61.14897  (20092305)
        436614.84   3710947.30       52.73891  (21102222)                436593.90
3710917.09       50.57750  (21021003)
        436580.81   3710883.79       47.92138  (21120706)                436575.59
3710847.40       47.16168  (18120719)
        436570.37   3710811.01       45.68274  (18020504)                436565.15
3710774.62       43.98882  (17012005)
        436703.04   3711066.44       68.48566  (20070301)                436644.00
3711074.77       52.23137  (19050206)
        436622.58   3711043.87       56.04269  (20110201)                436601.16
3711012.97       54.76637  (20030803)
        436579.73   3710982.07       49.15798  (21102222)                436558.31
3710951.17       45.72159  (21021003)
        436534.22   3710901.66       44.13765  (17020619)                436528.88
3710864.45       43.49879  (20022905)
        436523.54   3710827.23       42.25340  (19122319)                436518.20
3710790.01       40.85880  (18121203)
        436512.85   3710752.79       39.67129  (18021722)                436669.59
3711103.60       63.24845  (19120804)
        436610.36   3711111.65       49.80683  (19121401)                436588.54
3711080.18       52.17081  (20110201)
        436566.72   3711048.70       51.14417  (19050206)                436544.90
3711017.23       46.87556  (21090424)
        436523.08   3710985.76       42.36813  (21041803)                436501.26
3710954.29       41.09816  (21031807)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 513
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	40.26582	(19012107)	436482.19	3710881.70	39.87804	(20123003)
436476.75	3710843.79	39.22900	(20123102)	436471.31	3710805.88	38.21739	(17012005)
436465.87	3710767.98	37.25572	(21012124)	436460.43	3710730.07	35.91097	(19120924)
436636.15	3711140.77	58.03288	(21111806)	436543.15	3711185.53	42.73880	(20022206)
436520.71	3711153.16	44.15705	(21031805)	436498.27	3711120.79	44.46388	(20091403)
436475.83	3711088.42	42.86789	(21090424)	436453.38	3711056.05	38.04472	(20091302)
436430.94	3711023.68	36.43957	(20030803)	436408.50	3710991.31	36.01572	(20120821)
436394.48	3710955.63	35.17667	(17120224)	436388.89	3710916.64	34.67100	(17022623)
436383.29	3710877.65	34.15488	(21010201)	436377.69	3710838.66	33.53142	(19010503)
436372.10	3710799.67	33.04142	(21011701)	436366.50	3710760.68	32.19164	(18011820)
436360.91	3710721.69	31.35557	(19120924)	436569.25	3711215.11	46.70448	(21090705)
436476.70	3711260.50	37.20813	(20110201)	436455.14	3711229.40	36.18766	(21031805)
436433.58	3711198.30	37.89431	(21041803)	436412.02	3711167.20	38.14590	(21090701)
436390.45	3711136.10	35.16549	(21101622)	436368.89	3711105.00	32.53236	(21020106)
436347.33	3711073.90	31.58876	(18122408)	436325.77	3711042.79	31.90810	(20091302)
436301.52	3710992.96	30.52016	(18122704)	436296.14	3710955.50	30.40959	(18122624)
436290.76	3710918.04	30.06518	(17022807)	436285.39	3710880.58	29.84516	(18123104)
436280.01	3710843.12	29.48724	(17120823)	436274.64	3710805.66	29.19625	(18122421)
436269.26	3710768.20	28.60260	(21021703)	436502.36	3711289.44	39.59379	(20012624)
436409.57	3711334.48	33.19532	(20110201)	436387.52	3711302.68	31.57274	(19121220)
436365.47	3711270.88	32.20242	(20121320)	436343.42	3711239.08	33.64289	(20030803)
436321.37	3711207.27	32.00865	(17061804)	436299.33	3711175.47	29.90672	(18121608)
436277.28	3711143.67	28.63726	(21021003)	436255.23			

3711111.87   28.26723 (18122408)
        436233.18   3711080.07   27.58481 (20120821)   436208.38
3711029.11   27.39649 (21022602)
        436202.89   3710990.81   27.23036 (19121405)   436197.39
3710952.50   26.90808 (20011301)
        436191.89   3710914.19   26.67288 (18122324)   436186.39
3710875.89   26.38687 (21012124)
        436180.90   3710837.58   26.42910 (21010919)   436175.40
3710799.28   26.03994 (18122421)
        436435.47   3711363.78   32.46044 (20092402)   436342.48
3711408.53   28.91210 (20110201)
        436320.04   3711376.16   28.67797 (20011708)   436297.60
3711343.79   28.73882 (20121320)
        436275.15   3711311.42   29.45274 (20092305)   436252.71
3711279.05   29.00187 (21102222)
        436230.27   3711246.68   27.80387 (17061804)   436207.83
3711214.31   26.12123 (21021007)
        436185.38   3711181.94   25.66870 (21121308)   436162.94
3711149.57   26.40802 (20091302)
        436140.50   3711117.20   25.15813 (19120922)   436115.26
3711065.34   24.66663 (21022602)
        436109.66   3711026.35   24.66145 (18123105)   436104.07
3710987.36   24.26653 (19011802)
        436098.47   3710948.37   24.04945 (17022624)   436092.88
3710909.38   23.77544 (19021006)
        436087.28   3710870.39   23.78860 (21011704)   436081.69
3710831.40   23.62551 (18011820)
        436368.58   3711438.11   27.62001 (19121220)   436275.43
3711482.63   25.62607 (20082304)
        436252.66   3711449.79   26.46061 (20011708)   436229.89
3711416.96   26.45679 (20011708)
        436207.12   3711384.12   26.74685 (21051024)   436184.36
3711351.28   26.98848 (21021007)
        436161.59   3711318.44   25.88210 (21012203)   436138.82
3711285.60   24.16966 (21102222)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                   L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                   L0003923   , L0003924   , L0003925   , L0003926   , L0003927

, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436116.05	3711252.76	23.31982	(17011605)	436093.29	3711219.92	23.38961	(18122408)
436070.52	3711187.08	23.26733	(20120821)	436047.75	3711154.24	22.70196	(18021423)
436022.15	3711101.62	22.23600	(18010108)	436016.47	3711062.07	22.29674	(19010623)
436010.79	3711022.52	22.08586	(21020906)	436005.12	3710982.96	21.92161	(17022624)
435999.44	3710943.41	21.64620	(20102307)	435993.76	3710903.85	21.65638	(21011704)
435965.38	3710706.08	20.71767	(20021203)	436301.69	3711512.44	24.88831	(17010203)
436208.84	3711557.41	23.04867	(20121824)	436186.69	3711525.46	24.16466	(20011708)
436164.53	3711493.50	24.35010	(20121320)	436142.38	3711461.55	24.31052	(19050206)
436120.22	3711429.59	26.16551	(21051024)	436098.07	3711397.63	24.65891	(20011918)
436075.91	3711365.68	24.09314	(21012203)	436053.76	3711333.72	22.59601	(17021102)
436031.61	3711301.77	21.96508	(18120107)	436009.45	3711269.81	21.83143	(18122408)
435987.30	3711237.86	21.18368	(20120821)	435965.14	3711205.90	20.79135	(19012107)
435942.99	3711173.95	20.49074	(18122519)	435929.15	3711138.73	20.34215	(18010805)
435923.62	3711100.24	20.39849	(18020901)	435918.10	3711061.75	20.25500	(19011802)
435912.58	3711023.26	20.16877	(19010706)	435907.05	3710984.77	20.01125	(19021005)
435901.53	3710946.28	20.28296	(20102307)	435873.91	3710753.83	19.23438	(21022407)
435868.39	3710715.34	18.99583	(18020507)	435862.87	3710676.85	18.81975	(19121620)
436234.80	3711586.78	22.89128	(18011904)	436141.81	3711631.54	21.57681	(17110107)

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        436119.37   3711599.17       22.61653  (20011708)                436096.92
3711566.80       22.40393  (20121320)
        436074.48   3711534.43       22.80072  (19050206)                436052.04
3711502.06       24.56778  (21051024)
        436029.60   3711469.69       23.40054  (20011918)                436007.15
3711437.32       23.15241  (17121020)
        435984.71   3711404.95       22.77845  (18020907)                435962.27
3711372.58       21.99974  (20050504)
        435939.83   3711340.21       21.42064  (18011224)                435917.38
3711307.84       20.81053  (18122518)
        435894.94   3711275.47       20.06429  (21031807)                435872.50
3711243.10       19.57654  (21021003)
        435850.06   3711210.73       19.49440  (18010805)                435836.04
3711175.05       19.53633  (20022604)
        435830.44   3711136.06       19.45811  (21010202)                435824.85
3711097.07       19.19316  (20011301)
        435819.25   3711058.08       18.80624  (20122206)                435813.66
3711019.09       18.61945  (21010123)
        435808.06   3710980.10       18.75712  (20042320)                435802.47
3710941.11       19.26978  (20122621)
        435780.09   3710785.15       19.36182  (19021508)                435774.49
3710746.16       18.39279  (19021508)
        435768.89   3710707.17       18.19609  (17021523)                435763.30
3710668.18       17.87599  (18012918)
        436167.91   3711661.11       21.72229  (18011005)                436074.79
3711705.69       22.01621  (20070301)
        436052.10   3711672.96       23.37669  (19120804)                436029.41
3711640.23       23.01593  (20110201)
        436006.72   3711607.50       23.70458  (17010423)                435984.03
3711574.77       24.46796  (21051024)
        435961.33   3711542.04       24.36744  (21021007)                435938.64
3711509.31       23.39219  (17061804)
        435915.95   3711476.58       21.91438  (17121020)                435893.26
3711443.85       21.42822  (18121021)
        435870.57   3711411.12       20.96230  (19011505)                435847.88
3711378.39       20.51282  (18020324)
        435825.18   3711345.66       20.03081  (21012308)                435802.49
3711312.93       19.49767  (18020502)
        435779.80   3711280.20       19.30909  (18020502)                435757.11
3711247.47       19.64043  (18020322)
        435742.93   3711211.40       20.01248  (20022604)                435737.28
3711171.98       19.92960  (19122319)
        435731.62   3711132.55       19.33102  (18010703)                435725.96
3711093.13       18.03744  (17060406)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	17.56656	(20121002)	435714.65	3711014.28	17.54221	(19101307)
435692.02	3710856.59	19.60824	(19122504)	435686.36	3710817.17	19.58620	(21021302)
435680.70	3710777.75	18.84013	(21012123)	435675.04	3710738.33	17.77539	(18020507)
435669.39	3710698.90	17.68610	(17121321)	436101.02	3711735.45	21.67593	(19020218)
436008.14	3711780.37	20.62540	(20051401)	435985.92	3711748.33	21.82825	(19120804)
435963.71	3711716.28	23.09685	(20110201)	435941.49	3711684.24	24.12829	(17010423)
435919.28	3711652.20	24.78234	(21051024)	435897.06	3711620.15	24.28011	(21021007)
435874.85	3711588.11	23.74253	(17061804)	435852.63	3711556.07	23.03930	(21051024)
435830.41	3711524.02	21.75168	(20050502)	435808.20	3711491.98	19.90189	(20091405)
435785.98	3711459.94	20.41403	(21031807)	435763.77	3711427.89	20.19933	(20120821)
435741.55	3711395.85	20.24524	(20120821)	435719.34	3711363.81	19.58309	(17020619)
435697.12	3711331.76	19.57642	(19120922)	435674.91	3711299.72	19.52877	(21123122)
435649.92	3711248.38	19.34751	(17020202)	435644.38	3711209.79	19.26072	(21010201)
435638.84	3711171.19	19.01154	(20011301)	435633.30			

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3711132.59       17.61098  (19020324)
        435627.76   3711094.00       16.95736  (17021422)                435622.23
3711055.40       16.98244  (17021422)
        435616.69   3711016.81       17.82046  (19122118)                435611.15
3710978.21       18.41673  (21032707)
        435605.61   3710939.62       18.54520  (17080606)                435600.07
3710901.02       18.69736  (21120523)
        435594.53   3710862.42       19.15388  (20122804)                435588.99
3710823.83       19.03593  (18120419)
        435583.45   3710785.23       18.23323  (19021219)                435577.92
3710746.64       17.10055  (21013122)
        435572.38   3710708.04       16.87669  (19120424)                435566.84
3710669.45       16.82798  (17121321)
        436034.13   3711809.78       20.12305  (18011005)                435941.13
3711854.54       18.93850  (17021906)
        435918.69   3711822.17       19.67332  (19120804)                435896.25
3711789.80       21.16767  (20110201)
        435873.81   3711757.43       21.35250  (21041803)                435851.37
3711725.06       23.09786  (21051024)
        435828.92   3711692.69       22.67929  (21090701)                435806.48
3711660.32       22.80003  (18060804)
        435784.04   3711627.95       22.39070  (21101622)                435761.60
3711595.58       20.44228  (20091302)
        435739.15   3711563.21       19.79672  (21102222)                435716.71
3711530.84       19.25178  (20030803)
        435694.27   3711498.47       20.68695  (21031807)                435671.83
3711466.10       20.54369  (21090404)
        435649.39   3711433.73       18.86443  (20120821)                435626.94
3711401.36       18.68112  (18021423)
        435604.50   3711368.99       18.23154  (18012719)                435582.06
3711336.62       17.83250  (17011201)
        435556.82   3711284.75       18.03767  (19010705)                435551.22
3711245.76       18.32244  (18010324)
        435545.63   3711206.77       18.42498  (19020304)                435540.03
3711167.78       18.13018  (18010703)
        435534.44   3711128.80       17.56381  (17021402)                435528.84
3711089.81       17.48278  (19021006)
        435523.25   3711050.82       17.82597  (19122118)                435517.65
3711011.83       18.37093  (18021722)
        435512.06   3710972.84       18.38740  (21021505)                435506.46
3710933.85       18.38524  (19122803)
        435500.86   3710894.86       18.36383  (21121223)                435495.27
3710855.87       18.26966  (19122020)
        435489.67   3710816.88       17.86183  (20010306)                435484.08
3710777.89       16.64741  (18122520)
        435478.48   3710738.90       16.24746  (19120102)                435472.89
3710699.91       16.13519  (21021301)
        435467.29   3710660.92       16.01076  (21022603)                435967.24
3711884.12       18.58389  (21021504)
        436207.69   3711246.88       26.47458  (21041803)                436113.01
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435855.73   3711437.72   20.98427 (20030803)   435769.97
3711489.16   19.90845 (20030803)
        435684.21   3711540.59   18.91635 (21031807)   436976.59
3710831.32   196.70620 (20030524)
        436963.10   3710877.99   158.64493 (18101318)   436925.91
3710862.92   225.34163 (18101320)
        436980.21   3710926.56   146.18923 (19082903)   436942.21
3710924.20   167.92856 (17102803)
        436908.75   3710910.64   182.47337 (21020622)   436967.77
3710973.29   144.01672 (19092301)
        436925.55   3710970.67   144.38061 (20091402)   436888.37
3710955.61   144.40915 (20092306)
        436976.14   3711021.32   122.36830 (21113022)   436953.53
3711019.92   124.73486 (19052823)
        436908.29   3711017.11   121.37423 (18101320)   436868.45
3711000.97   122.71343 (19070105)
        436851.23   3710986.24   115.20356 (18101320)   436834.01
3710971.50   107.40537 (19070106)

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        436930.23   3711065.98      108.42382  (20050503)                436850.83
3711048.29       89.76187  (21020622)
        436818.68   3711020.79       88.61786  (18051602)                436892.46
3711111.14       84.51566  (21121219)
        436831.25   3711093.95       78.38751  (20101803)                436797.50
3711065.07       77.62428  (18051602)
        436763.75   3711036.20       75.92166  (21070203)                436990.56
3711164.74       88.71087  (21061124)
        436811.82   3711139.73       71.77365  (20101803)                436794.29
3711124.73       72.39456  (21020622)
        436776.75   3711109.73       70.59785  (18051602)                436759.22
3711094.73       69.57137  (18071824)
        436741.69   3711079.72       68.68381  (20092402)                436985.96
3711211.96       79.90507  (20081206)
        436876.35   3711205.15       58.53317  (17102803)                436832.50
3711202.43       60.96225  (20050805)
        436793.89   3711186.79       64.18299  (20101803)                436760.51
3711158.23       59.04442  (21020405)
        436727.13   3711129.67       60.36533  (21111806)                436693.75
3711101.11       66.44145  (19112623)
        436972.76   3711258.65       72.49887  (19082824)                436950.14
3711257.25       65.69086  (20121401)
        436927.52   3711255.84       64.49758  (19063024)                436904.90
3711254.44       59.94668  (19063024)
        436882.28   3711253.03       55.98201  (20090502)                436859.66
3711251.63       53.91129  (19082003)
        436837.05   3711250.22       53.08902  (19071305)                436740.15
3711203.21       54.07550  (21020405)
        436722.93   3711188.48       56.11032  (20053122)                436705.71
3711173.75       56.13414  (19082401)
        436688.49   3711159.02       58.61330  (20092402)                436671.27
3711144.28       63.10362  (20051605)
        436636.83   3711114.82       54.99325  (20082304)                436955.44
3711352.59       55.28475  (21113022)
        436910.73   3711349.81       50.65114  (19063024)                436866.03
3711347.04       47.36152  (18111719)
        436821.32   3711344.26       46.26654  (18101320)                436686.20
3711281.86       46.49104  (20020821)
        436652.16   3711252.74       46.48358  (21111806)                436618.13
3711223.62       52.65351  (20051605)
        436584.09   3711194.50       48.26983  (21090705)                437049.21
3711453.43       44.62025  (20091303)
        436916.22   3711445.17       40.59720  (20091402)                436871.88
3711442.42       42.44867  (18101318)
        436827.55   3711439.66       39.06920  (18121120)                436783.22
3711436.91       39.75866  (21030623)
        436615.47   3711346.15       39.53436  (19070106)                436581.72
3711317.28       44.58258  (19041722)
        436547.97   3711288.40       44.24230  (21090705)                436514.22
3711259.52       38.85397  (20021822)
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	34.32422	(21051023)	436538.91	3711405.46	36.07120	(20092402)
436521.38	3711390.46	41.53110	(19110523)	436503.85	3711375.46	38.41624	(21120223)
436486.32	3711360.46	38.74662	(21111806)	436468.78	3711345.46	37.53126	(21090705)
436451.25	3711330.46	32.68458	(19020218)	436433.72	3711315.46	33.51924	(20110201)
436416.18	3711300.46	33.60093	(20092305)	437208.16			

3711550.97 20.59346 (19091403)
437166.02 3711650.72 41.99863 (18101407) 437143.22
3711649.30 43.27872 (19120802)
437120.42 3711647.89 44.72353 (18101407) 437097.62
3711646.47 43.92272 (19120802)
437074.82 3711645.05 42.81807 (20091505) 437052.02
3711643.64 37.91985 (20091505)
437029.22 3711642.22 35.04814 (21082303) 437006.42
3711640.81 35.83137 (19082824)
436846.83 3711630.89 33.96026 (21113022) 436824.03
3711629.48 33.30304 (19091402)
436801.23 3711628.06 32.69325 (18111719) 436778.43
3711626.65 31.94919 (18121120)
436755.63 3711625.23 31.11187 (19052823) 436732.83
3711623.81 30.74397 (21012119)
436572.20 3711558.75 29.59977 (20122222) 436537.49
3711529.05 31.04775 (20101803)
436502.77 3711499.35 31.14447 (21051023) 436485.41
3711484.49 32.60088 (20092402)
436468.06 3711469.64 36.38959 (18101321) 436450.70
3711454.79 34.17839 (21090705)
436433.34 3711439.94 34.79299 (21111806) 436415.98
3711425.09 33.52676 (21090705)
436398.63 3711410.24 29.58347 (20092402) 436381.27
3711395.39 28.34639 (18011005)
436363.91 3711380.54 30.07206 (20082304) 436346.55
3711365.69 29.75176 (19121220)
436329.20 3711350.84 29.92264 (18070905) 437211.62
3711653.55 29.45456 (21020924)
437233.95 3711647.59 19.95336 (17102724) 437214.79
3711748.76 24.68197 (21081403)
437192.17 3711747.36 32.22294 (19091403) 437169.55
3711745.95 36.79294 (18052306)
437146.93 3711744.55 39.40943 (19011723) 437124.32
3711743.14 40.22671 (18101407)
437101.70 3711741.74 39.70759 (18112618) 437079.08
3711740.33 39.54189 (19082904)
437056.46 3711738.93 36.62883 (18052306) 437033.84
3711737.53 33.66254 (21082303)
437011.22 3711736.12 34.06954 (17010717) 436988.60
3711734.72 33.58967 (19092301)
436965.98 3711733.31 31.32698 (19082903) 436852.89
3711726.29 31.83572 (20050503)
436830.27 3711724.88 31.50598 (19091402) 436807.65
3711723.48 30.23226 (19091402)
436785.04 3711722.07 29.73812 (18111719) 436762.42
3711720.67 28.77496 (18121120)
436739.80 3711719.26 27.43435 (19090606) 436717.18
3711717.86 26.91402 (20070506)
436500.77 3711622.44 27.55534 (20051605) 436483.55

3711607.71   27.03569 (19082405)
        436466.33   3711592.97   27.52205 (21051023)   436449.11
3711578.24   28.12403 (21051023)
        436431.89   3711563.51   29.47137 (19041722)   436414.67
3711548.77   31.97697 (18101321)
        436397.45   3711534.04   30.10721 (21090705)   436380.23
3711519.31   30.38614 (21070203)
        436363.01   3711504.58   29.86958 (21090705)   436345.79
3711489.84   27.20056 (17020908)
        436328.57   3711475.11   26.00660 (17010203)   436311.35
3711460.38   26.27829 (17020621)
        436294.13   3711445.64   26.31490 (20051401)   436276.91
3711430.91   27.09394 (20011708)
        436259.69   3711416.18   27.45868 (20011708)   436139.16
3711313.05   25.09084 (18120418)
        437237.41   3711750.17   16.92393 (20122620)   437259.74
3711744.21   15.88368 (20101722)
        437240.72   3711845.39   17.81502 (20072024)   437218.25
3711843.99   26.42413 (17022801)
        437195.78   3711842.60   27.94333 (18112618)   437173.31
3711841.20   28.92548 (19050805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        437150.83   3711839.81       29.86244  (19110724)               437128.36
3711838.41       31.60673  (21020924)
        437105.89   3711837.02       32.65115  (19050805)               437083.41
3711835.62       34.17919  (18052306)
        437060.94   3711834.22       35.45915  (20091303)               437038.47
3711832.83       34.26972  (20030604)
        437016.00   3711831.43       35.43926  (17010717)               436993.52
3711830.04       34.53085  (19082824)
        436971.05   3711828.64       31.48718  (19082903)               436948.58
3711827.25       28.65444  (20091303)
        436813.74   3711818.87       28.29576  (18101318)               436791.27
3711817.48       27.07078  (19091402)
        436768.80   3711816.08       26.74217  (18111719)               436746.32
3711814.69       25.28828  (20090502)
        436723.85   3711813.29       24.63608  (19082003)               436701.38
3711811.89       24.54074  (18121120)
        436678.91   3711810.50       23.52852  (21012119)               436446.78
3711701.06       23.60740  (20101803)
        436412.57   3711671.78       24.92603  (21051023)               436378.35
3711642.50       27.01057  (19041722)
        436361.24   3711627.87       28.07886  (18101321)               436327.02
3711598.59       27.51362  (21070203)
        436292.81   3711569.32       25.30315  (17020908)               436258.59
3711540.04       23.89689  (18011005)
        436224.37   3711510.76       24.22743  (20011708)               436190.15
3711481.49       24.90589  (20011708)
        436173.04   3711466.85       24.14692  (20011708)               436053.28
3711364.39       23.39814  (18120418)
        437263.20   3711846.79       14.62012  (20101919)               437285.53
3711840.83       14.23813  (20101722)
        437265.95   3711941.97       24.39054  (19091403)               437242.92
3711940.54       26.36112  (19091403)
        437219.89   3711939.11       26.00267  (19120802)               437196.86
3711937.68       26.79905  (21081403)
        437173.83   3711936.25       27.86754  (18120724)               437150.80
3711934.82       30.46168  (18052306)
        437127.77   3711933.39       32.90637  (18120724)               437104.74
3711931.96       32.62969  (19120802)
        437081.72   3711930.53       32.35112  (19110724)               437058.69
3711929.10       32.66785  (17010717)
        437035.66   3711927.67       31.36226  (20030604)               437012.63
3711926.24       32.75126  (17010717)
        436989.60   3711924.81       32.35107  (19082824)               436966.57
3711923.38       30.38744  (19082903)
        436943.54   3711921.95       28.00517  (21091105)               436920.51
3711920.52       24.19204  (17122021)
        436782.33   3711911.94       24.54030  (20092523)               436759.30
3711910.51       22.87458  (19091402)
        436736.27   3711909.08       22.56188  (18121120)               436713.24
3711907.65       22.09295  (21121219)
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436690.21 3711906.22 22.29959 (19052823) 436667.18
3711904.79 22.29976 (21030623)
436406.27 3711791.20 22.82888 (20101803) 436388.74
3711776.20 22.41476 (20120918)
436371.20 3711761.20 22.07825 (18021123) 436353.67
3711746.20 22.30158 (21010520)
436336.14 3711731.20 23.26175 (20092402) 436318.61
3711716.20 25.70219 (19110523)
436301.07 3711701.20 24.95013 (19112623) 436283.54
3711686.19 24.84668 (21090705)
436266.01 3711671.19 25.34226 (21090705) 436248.47
3711656.19 24.49547 (21090705)
436230.94 3711641.19 22.53958 (17072506) 436213.41
3711626.19 22.24433 (17010203)
436195.88 3711611.19 22.27089 (18011005) 436178.34
3711596.19 22.30037 (20121824)
436160.81 3711581.19 22.54034 (19121220) 436143.28
3711566.19 23.27658 (20011708)
436125.74 3711551.19 23.01592 (20110201) 436108.21
3711536.19 22.57487 (20011708)
435985.48 3711431.18 22.94976 (21021420) 437288.98
3711943.40 18.47588 (19092304)
437311.31 3711937.44 14.01560 (20091401) 437291.90
3712038.60 24.41597 (19092304)
437269.03 3712037.18 26.77738 (19071603) 437246.16
3712035.76 27.12452 (17091523)
437223.29 3712034.34 28.13461 (18052306) 437200.42
3712032.92 29.31172 (18101407)
437177.55 3712031.50 30.06339 (19082902) 437154.68
3712030.08 30.86469 (18101407)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	30.73151	(19120802)	437108.94	3712027.24	29.30471	(21051802)
437086.07	3712025.82	28.86742	(19110724)	437063.20	3712024.40	28.73490	(17010717)
437040.33	3712022.98	26.88101	(20030604)	437017.46	3712021.56	27.26379	(17010717)
436994.59	3712020.14	25.88025	(19092301)	436971.72	3712018.72	24.16342	(17041302)
436948.85	3712017.30	22.59890	(17041302)	436925.98	3712015.88	20.43400	(17041302)
436903.11	3712014.45	19.91667	(21090703)	436743.02	3712004.51	20.89904	(19091402)
436720.15	3712003.09	20.19926	(18121120)	436697.28	3712001.67	20.74933	(21121219)
436674.41	3712000.25	20.24714	(17010818)	436651.54	3711998.83	20.17101	(20070506)
436628.67	3711997.41	20.47968	(21030623)	436352.17	3711869.72	22.34419	(19120420)
436334.76	3711854.82	22.23265	(17020521)	436317.34	3711839.92	22.60076	(21010520)
436299.93	3711825.03	22.72218	(21010520)	436282.52	3711810.13	24.58792	(21070203)
436265.11	3711795.23	26.48320	(20012624)	436247.70	3711780.34	25.69425	(19112623)
436230.29	3711765.44	24.42840	(21090705)	436212.88	3711750.54	26.79665	(20070301)
436195.47	3711735.65	26.93303	(20012624)	436178.06	3711720.75	24.31236	(20012624)
436160.64	3711705.86	22.69337	(18011904)	436143.23	3711690.96	22.56247	(21021504)
436125.82	3711676.06	22.20266	(20082304)	436108.41	3711661.17	22.17272	(21121802)
436091.00	3711646.27	22.05078	(20092305)	436073.59	3711631.37	21.99675	(21031805)
436056.18	3711616.48	21.77160	(18060804)	436038.77	3711601.58	22.11858	(20122122)
436021.36	3711586.68	23.23111	(20091403)	435882.07	3711467.51	21.23798	(18121608)
437337.10	3712034.06	12.67074	(20072024)	437295.09	3712133.81	24.37702	(19071603)
437272.36	3712132.40	24.61678	(20091401)	437249.62			

3712130.99   24.96690 (21081403)
        437226.89   3712129.58   26.65758 (21051802)   437204.15
3712128.17   28.24850 (19120802)
        437181.42   3712126.76   29.11086 (19120802)   437158.68
3712125.34   28.96645 (18112618)
        437135.95   3712123.93   27.99477 (18101407)   437113.21
3712122.52   27.34120 (21091105)
        437090.48   3712121.11   26.26542 (19110724)   437067.74
3712119.70   25.88561 (17010717)
        437045.01   3712118.28   24.24411 (20030604)   436999.54
3712115.46   22.71558 (19092301)
        436976.81   3712114.05   21.95571 (19021501)   436954.07
3712112.64   21.35567 (20091303)
        436931.34   3712111.22   19.47753 (20121401)   436908.60
3712109.81   18.24885 (20082006)
        436885.87   3712108.40   18.87011 (19092301)   436863.13
3712106.99   18.67279 (20092722)
        436840.40   3712105.58   20.76766 (18101318)   436726.73
3712098.52   19.28722 (19091402)
        436703.99   3712097.10   18.76099 (20091402)   436681.26
3712095.69   19.09468 (18121120)
        436658.52   3712094.28   18.91954 (17010818)   436635.79
3712092.87   18.87640 (17010818)
        436613.05   3712091.46   18.77681 (21120708)   436590.32
3712090.05   19.11432 (21030623)
        436476.64   3712082.99   18.25542 (20050805)   436436.60
3712066.77   17.30340 (21120120)
        436298.14   3711948.30   20.58868 (19120420)   436280.83
3711933.49   20.75637 (21010520)
        436263.52   3711918.68   21.22318 (21010520)   436246.21
3711903.87   21.89028 (21070203)
        436228.91   3711889.06   23.98271 (21070203)   436211.60
3711874.26   25.74488 (21070203)
        436194.29   3711859.45   24.71461 (19112623)   436176.98
3711844.64   23.38854 (21090705)
        436159.67   3711829.83   25.22623 (20070301)   436142.37
3711815.02   26.12301 (20012624)
        436125.06   3711800.21   23.48799 (21111806)   436107.75
3711785.41   21.30511 (20051401)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911

, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        436823.50   3712199.54       19.04210  (19021501)               436710.41
3712192.52       17.80018  (21071206)
        436687.79   3712191.11       17.58123  (21071206)               436665.17
3712189.71       17.58888  (18121120)
        436642.55   3712188.31       17.49933  (17010818)               436619.93
3712186.90       17.44209  (17010818)
        436597.31   3712185.50       17.12326  (21030623)               436574.70
3712184.09       17.60760  (20012108)
        436552.08   3712182.69       17.83317  (20050805)               436529.46
3712181.28       18.63782  (20090502)
        436506.84   3712179.88       18.46849  (21060824)               436484.22
3712178.47       18.05294  (17071802)
        436461.60   3712177.07       18.21068  (19070105)               436438.98
3712175.66       16.88786  (20050805)
        436399.15   3712159.53       16.05085  (21120120)               436381.93
3712144.79       16.25825  (17020308)
        436364.71   3712130.06       18.13782  (21020622)               436347.49
3712115.33       16.66989  (19010318)
        436330.27   3712100.59       17.17483  (21020405)               436313.05
3712085.86       17.41401  (21020405)
        436295.83   3712071.13       17.64555  (17021903)               436278.61
3712056.40       17.73868  (17021407)
        436261.39   3712041.66       17.95932  (21012221)               436244.17
3712026.93       17.97348  (18021123)
        436226.95   3712012.20       17.71583  (21010520)               436209.73
3711997.46       17.71398  (21010520)
        436192.51   3711982.73       18.35633  (21070203)               436175.29
3711968.00       18.82575  (19041722)
        436158.07   3711953.27       20.17464  (18101321)               436140.85
3711938.53       19.57968  (21120223)
        436123.63   3711923.80       19.54058  (17020908)               436106.41
3711909.07       20.87432  (17020908)
        436089.19   3711894.33       22.42591  (20012624)               436071.97
3711879.60       20.72202  (17010408)
        436054.75   3711864.87       19.43488  (18011904)               436037.53
3711850.14       19.37599  (19020218)
        436020.31   3711835.40       19.62482  (21021504)               436003.09
3711820.67       19.74171  (18011005)
        435985.87   3711805.94       19.81223  (17021906)               435968.65
3711791.20       20.70577  (21090424)
        435951.43   3711776.47       20.81203  (21031805)               435934.21
3711761.74       21.26734  (18060804)
        435916.99   3711747.01       21.68552  (20121320)               435899.77
3711732.27       21.86204  (21041803)
        435882.55   3711717.54       22.90115  (17010423)               435865.34
3711702.81       23.61753  (20092305)
        435727.58   3711584.95       19.65927  (17061804)               435710.36
3711570.21       18.58139  (21102222)
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

3710813.76   51.29761 (21081203)
        437162.60   3710772.08   73.40588 (21081203)   437001.86
3710778.03   265.97349 (20042918)
        436979.53   3710783.99   327.55351 (20110222)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437003.71   3710828.00   90.21661 (20092602)   437026.67
3710827.15   90.21035 (20112521)
        437049.64   3710826.30   101.72405 (20051102)   437072.60
3710825.45   115.83420 (21051023)
        437095.56   3710824.60   135.18376 (18121120)   437118.52
3710823.75   155.62789 (18102521)
        437141.49   3710822.90   174.34843 (19091402)   437164.45
3710822.05   184.91532 (20052323)
        437005.56   3710877.96   104.84705 (21070203)   437028.52
3710877.11   79.96741 (21020622)
        437051.48   3710876.26   86.62931 (21051023)   437074.45
3710875.41   98.42025 (20021921)
        437097.41   3710874.56   108.70316 (18102521)   437120.37
3710873.71   118.80746 (18111719)
        437143.34   3710872.86   125.74759 (19032805)   437166.30
3710872.01   129.51311 (20052323)

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        437007.41   3710927.93      106.50897  (18051602)               437030.37
3710927.08      105.77150  (21060824)
        437053.33   3710926.23       76.55197  (20021921)               437076.30
3710925.38       81.75806  (18102521)
        437099.26   3710924.53       89.09449  (21112218)               437122.22
3710923.68       92.16864  (20110222)
        437145.19   3710922.83       95.36088  (21112218)               437168.15
3710921.98       98.80232  (20052323)
        437009.26   3710977.89      106.67131  (21020622)               437032.22
3710977.04      104.94574  (21121618)
        437055.18   3710976.19       80.64352  (19082003)               437078.15
3710975.34       70.17555  (18111719)
        437101.11   3710974.49       72.47998  (19120616)               437124.07
3710973.64       74.57372  (19082823)
        437147.04   3710972.79       77.53857  (20082703)               437170.00
3710971.94       79.26104  (20052323)
        437011.11   3711027.86       95.51054  (20092306)               437034.07
3711027.01       93.04914  (19071305)
        437057.03   3711026.16       72.58531  (21030623)               437080.00
3711025.31       58.47007  (19091505)
        437102.96   3711024.46       60.62621  (18121120)               437125.92
3711023.61       62.42380  (17041123)
        437148.88   3711022.76       64.82295  (20082703)               437171.85
3711021.91       65.65941  (20052323)
        437012.96   3711077.82       84.47457  (19090606)               437035.92
3711076.97       88.70357  (21121219)
        437058.88   3711076.12       89.17644  (18111719)               437081.85
3711075.27       88.17273  (19052823)
        437104.81   3711074.42       65.86873  (21090723)               437127.77
3711073.57       53.27882  (18032922)
        437150.73   3711072.72       55.33344  (20082703)               437173.70
3711071.87       55.69224  (20052323)
        437014.81   3711127.79       76.08803  (19052823)               437037.77
3711126.94       79.39136  (19070105)
        437060.73   3711126.09       85.26827  (19082003)               437083.70
3711125.24       88.53979  (19063024)
        437106.66   3711124.39       78.49697  (20091402)               437129.62
3711123.54       58.75422  (17041123)
        437152.58   3711122.69       47.81047  (20110222)               437175.55
3711121.84       48.24837  (20052323)
        437016.66   3711177.76       71.60336  (21121219)               437039.62
3711176.91       71.44868  (18061301)
        437062.58   3711176.06       78.64516  (19063024)               437085.54
3711175.21       80.92819  (20092722)
        437108.51   3711174.36       71.91691  (19082903)               437131.47
3711173.51       65.26935  (20070604)
        437154.43   3711172.66       44.00199  (20070604)               437177.40
3711171.81       42.31870  (20052323)
        437018.51   3711227.72       66.27416  (17102803)               437041.47
3711226.87       68.91893  (19082003)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	53.96208	(21113022)	437047.02	3711376.77	55.43985	(19063024)
437069.98	3711375.92	54.68118	(19063024)	437092.94	3711375.07	53.06240	(19082903)
437115.91	3711374.22	55.31710	(20050503)	437138.87	3711373.37	55.42666	(19082903)
437161.83	3711372.52	46.04296	(19092301)	437184.79			

3711371.67 27.75404 (20052323)
  437027.75 3711477.55 49.83683 (20092722) 437050.72
3711476.70 47.05806 (18101318)
  437073.68 3711475.85 42.63084 (19063024) 437096.64
3711475.00 41.41991 (21113022)
  437119.61 3711474.15 41.36292 (17010717) 437142.57
3711473.30 40.82202 (20070604)
  437165.53 3711472.45 38.72429 (17041302) 437188.49
3711471.60 23.97275 (20052323)
  437031.45 3711577.48 38.07754 (20092722) 437054.42
3711576.63 38.33821 (20092722)
  437077.38 3711575.78 40.22876 (19082903) 437100.34
3711574.93 43.76813 (20091303)
  437123.30 3711574.08 44.03265 (17041302) 437146.27
3711573.23 38.85375 (21082303)
  437169.23 3711572.38 36.12916 (17041302) 437192.19
3711571.53 34.22979 (19072204)
  437035.15 3711677.41 30.57243 (20091402) 437058.11
3711676.56 29.54960 (20013021)
  437081.08 3711675.71 32.83658 (21113022) 437104.04
3711674.86 37.90677 (21091105)
  437127.00 3711674.01 40.00991 (17041302) 437149.97
3711673.16 41.78322 (19092301)
  437172.93 3711672.31 41.41190 (21082303) 437195.89
3711671.46 40.66207 (19072204)
  437038.85 3711777.35 29.10167 (20092722) 437061.81
3711776.50 30.21208 (19082903)
  437084.78 3711775.65 31.91425 (18061301) 437107.74
3711774.80 35.99104 (21091105)
  437130.70 3711773.95 37.51001 (17041302) 437153.67
3711773.10 37.93499 (19082824)
  437176.63 3711772.25 36.23854 (20030604) 437199.59
3711771.40 35.37230 (19072204)
  437042.55 3711877.28 28.11890 (19063024) 437065.51
3711876.43 29.49504 (19082824)
  437088.48 3711875.58 31.64372 (17041302) 437111.44
3711874.73 33.19563 (17041302)
  437134.40 3711873.88 32.12814 (17010717) 437157.36
3711873.03 31.28650 (21082303)
  437180.33 3711872.18 30.35645 (21061124) 437203.29
3711871.33 30.92986 (19072204)
  437046.25 3711977.21 25.10449 (19082903) 437069.21
3711976.36 25.93060 (18061301)
  437092.17 3711975.51 27.77428 (17041302) 437115.14
3711974.66 30.14829 (19082903)
  437138.10 3711973.81 30.72094 (20081206) 437161.06
3711972.96 30.38502 (19082824)
  437184.03 3711972.11 29.47277 (20030604) 437206.99
3711971.26 29.91586 (20030604)
  437049.95 3712077.14 21.09002 (17122021) 437072.91

3712076.29   22.94048 (17041302)
        437095.87   3712075.44   25.66441 (21091105)   437118.84
3712074.59   26.23414 (17041302)
        437141.80   3712073.74   27.73630 (19092301)   437164.76
3712072.89   29.22910 (21082303)
        437187.73   3712072.04   28.14292 (20030604)   437210.69
3712071.19   29.05626 (19072204)
        437053.65   3712177.07   20.38439 (19082824)   437076.61
3712176.22   22.27241 (17041302)
        437099.57   3712175.37   24.96861 (19082903)   437122.54
3712174.52   25.73308 (17041302)
        437145.50   3712173.67   26.34241 (19092301)   437168.46
3712172.82   26.46860 (21082303)
        437191.42   3712171.97   25.55129 (20030604)   437214.39
3712171.12   26.82995 (19072204)
        437057.35   3712277.00   19.39428 (17041302)   437080.31
3712276.15   21.46629 (17041302)
        437103.27   3712275.30   23.27662 (19082903)   437126.24
3712274.45   23.42051 (19021501)
        437149.20   3712273.60   24.25462 (17010717)   437172.16
3712272.75   24.25116 (21082303)
        437195.12   3712271.90   23.96659 (20030604)   437218.09
3712271.05   24.69798 (19072204)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437243.41   3711003.05       67.16630  (17102724)               437211.71
3711007.26       68.45090  (18080424)
        437151.01   3710997.98       71.15470  (20082703)               437307.83
3710989.30       96.47447  (20092405)
        437341.57   3710974.41       88.23120  (19071602)               437293.81
3711044.79       55.36887  (21092306)
        437259.14   3711049.39       57.17738  (20122620)               437224.47
3711053.99       58.02440  (18080424)
        437140.74   3711046.14       58.74217  (20082703)               437328.02
3711035.04       74.18671  (20083001)
        437361.76   3711020.16       62.38769  (19071304)               437314.69
3711090.44       48.38841  (17031621)
        437281.40   3711094.86       49.38252  (18080501)               437248.12
3711099.27       50.62252  (20091123)
        437214.83   3711103.69       50.76460  (18080424)               437134.46
3711096.16       50.01373  (21112218)
        437043.12   3711053.68       89.76224  (20070506)               437348.20
3711080.79       50.79800  (21052421)
        437381.94   3711065.90       46.16132  (18102705)               437333.86
3711136.32       43.16668  (17031621)
        437298.56   3711141.00       43.37585  (19083006)               437263.26
3711145.69       44.48482  (20082305)
        437227.95   3711150.37       44.69552  (18080424)               437192.65
3711155.06       44.35625  (18092302)
        437141.20   3711152.23       52.26269  (17041123)               437028.18
3711099.68       84.26581  (20070506)
        437368.38   3711126.53       41.93183  (20112019)               437402.12
3711111.65       40.96579  (18102705)
        437354.63   3711181.99       41.05035  (17102724)               437320.49
3711186.52       38.48186  (19083006)
        437286.35   3711191.05       39.15182  (20101722)               437252.21
3711195.58       39.29238  (17022801)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 525
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	39.37241	(20061102)	437118.57	3711194.65	69.70770	(21090723)
437024.88	3711151.08	76.41629	(21121219)	436993.66	3711136.56	71.41757	(19120806)
436962.43	3711122.04	73.13316	(19070105)	437388.57	3711172.28	37.46385	(20112019)
437422.31	3711157.39	39.46609	(17031621)	437374.05	3711227.83	41.75748	(17102724)
437338.39	3711232.57	37.79469	(21112920)	437302.72	3711237.30	35.19172	(20101919)
437267.06	3711242.03	35.43147	(20090402)	437231.40	3711246.76	35.57500	(20061102)
437195.73	3711251.50	35.23071	(18092302)	437125.93	3711251.01	66.90676	(17041302)
437028.06	3711205.50	67.05804	(20090502)	436995.44	3711190.33	65.44990	(19090606)
436962.82	3711175.16	65.12066	(17100222)	436930.20	3711159.99	61.82917	(19082401)
437408.75	3711218.02	33.72941	(20112019)	437442.49	3711203.14	44.38173	(21052421)
437394.73	3711273.51	39.87283	(20083001)	437360.06	3711278.11	40.98311	(17022801)
437325.38	3711282.71	31.72766	(20082305)	437290.71	3711287.32	32.28673	(20082305)
437256.04	3711291.92	32.23929	(19091403)	437221.37	3711296.52	32.09934	(21081423)
437186.69	3711301.12	32.03194	(20052323)	437152.02	3711305.72	51.97907	(19082824)
437118.83	3711300.65	62.17131	(20050503)	437007.82	3711249.03	62.82377	(19070105)
436976.11	3711234.28	59.93146	(19090606)	436944.39	3711219.53	56.91198	(18051602)
436912.68	3711204.78	51.52103	(19082401)	437428.94	3711263.77	40.69469	(20102819)
437462.68	3711248.88	48.36753	(20092322)	437434.91	3711365.03	43.40239	(20012324)
437399.88	3711369.68	42.66488	(21021002)	437364.84	3711374.33	37.88876	(19092304)
437329.80	3711378.98	26.60436	(20072024)	437294.76			

3711383.62   26.92959 (20090402)
        437259.73   3711388.27   27.11283 (20052323)   437224.69
3711392.92   26.98736 (21081423)
        437189.65   3711397.57   26.69785 (20052323)   437154.61
3711402.22   47.04029 (20030604)
        437103.55   3711399.42   51.55617 (18061301)   437007.40
3711354.71   54.30557 (18111719)
        436975.35   3711339.81   52.91767 (18101320)   436943.30
3711324.90   47.15218 (21060824)
        436911.25   3711310.00   42.76345 (17102803)   436879.21
3711295.10   43.25483 (21020622)
        436847.16   3711280.19   37.13714 (21020622)   437469.30
3711355.26   44.97591 (21073004)
        437503.04   3711340.37   47.08658 (20112420)   437475.15
3711456.54   41.83816 (21041006)
        437439.85   3711461.22   38.64916 (21041006)   437404.54
3711465.90   38.59965 (20092405)
        437369.24   3711470.59   35.04768 (19100804)   437333.94
3711475.27   22.97659 (20072024)
        437298.63   3711479.96   22.83251 (19082004)   437263.33
3711484.64   23.02431 (21110320)
        437228.03   3711489.33   23.08699 (20091922)   437192.72
3711494.01   29.64608 (20070604)
        437157.42   3711498.70   37.45574 (19082824)   437122.12
3711503.38   39.35301 (20121401)
        437088.32   3711498.22   39.91792 (21082303)   437007.59
3711460.67   48.83574 (21113022)
        436975.30   3711445.66   46.06915 (20091402)   436943.00
3711430.64   38.32729 (19052823)
        436910.71   3711415.63   36.23714 (20012108)   436878.42
3711400.61   36.63059 (17100222)
        436846.13   3711385.59   37.27047 (18101320)   436813.84
3711370.58   34.58712 (21020622)
        436781.55   3711355.56   33.60014 (18071824)   437509.67
3711446.75   42.65596 (21073004)
        437543.41   3711431.86   42.96067 (20060305)   437515.41
3711548.04   37.77132 (21041006)
        437479.91   3711552.75   36.56916 (20080104)   437444.40
3711557.46   34.71562 (21041006)
        437408.90   3711562.17   35.58174 (20080201)   437373.39
3711566.88   29.75104 (19071603)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437337.89   3711571.60   19.97620 (20072024)   437302.38
3711576.31   26.85415 (21081403)
        437266.88   3711581.02   33.29631 (21051802)   437231.38
3711585.73   33.45446 (19072204)
        437160.37   3711595.15   38.66244 (20030604)   437124.86
3711599.86   43.99186 (17041302)
        437008.16   3711566.82   36.95946 (21090703)   436975.69
3711551.72   33.03395 (18111719)
        436943.21   3711536.62   32.88728 (17010708)   436910.73
3711521.51   32.64328 (19090606)
        436878.26   3711506.41   32.31166 (20050805)   436845.78
3711491.31   32.29204 (17100222)
        436813.31   3711476.21   33.01207 (18101320)   436780.83
3711461.10   32.34749 (21020622)
        436748.35   3711446.00   30.20920 (18051602)   436715.88
3711430.90   30.37633 (20101803)
        437550.04   3711538.24   38.53536 (21073004)   437583.78
3711523.35   38.72558 (20112420)
        437555.70   3711639.54   35.51448 (20060305)   437520.04
3711644.27   32.65544 (20080104)
        437484.38   3711649.00   31.61580 (20112321)   437448.71
3711653.74   32.16538 (17102724)
        437413.05   3711658.47   29.51547 (17091523)   437377.39
3711663.20   23.33400 (19082004)
        437341.72   3711667.93   17.52747 (19082004)   437306.06
3711672.67   26.85926 (21051106)
        437270.39   3711677.40   29.99761 (18081403)   437234.73
3711682.13   31.88762 (19050805)
        437109.91   3711698.70   38.14109 (19082903)   437009.00
3711673.09   31.77051 (20092722)

```
        436976.38   3711657.92       29.51153  (19082003)               436943.76
3711642.75       28.40875  (20090502)
        436911.14   3711627.58       27.67549  (17010708)               436878.52
3711612.41       28.71390  (20012108)
        436845.90   3711597.24       29.57698  (20120702)               436813.27
3711582.07       29.66023  (21121618)
        436780.65   3711566.90       29.15128  (19082324)               436748.03
3711551.73       30.08567  (19082405)
        436715.41   3711536.56       26.91578  (21022422)               436682.79
3711521.39       28.00531  (20053122)
        436650.17   3711506.22       25.94715  (19070106)               437590.40
3711629.73       33.35359  (19071304)
        437624.14   3711614.84       31.69080  (20112420)               437596.01
3711731.04       33.26262  (21101623)
        437560.21   3711735.79       31.84968  (18122022)               437524.42
3711740.54       29.40149  (20080104)
        437488.63   3711745.29       29.41452  (21041006)               437452.84
3711750.04       29.25228  (21051801)
        437417.05   3711754.79       26.04601  (19102119)               437381.26
3711759.54       21.27558  (20072024)
        437345.47   3711764.28       15.44613  (18032921)               437309.68
3711769.03       25.88752  (19011723)
        437273.88   3711773.78       26.21278  (21020924)               437238.09
3711778.53       27.51442  (18081403)
        437094.93   3711797.53       34.05280  (17041302)               437010.03
3711779.44       30.24359  (20092722)
        436977.29   3711764.22       27.91667  (21090703)               436944.55
3711749.00       25.74904  (19091402)
        436911.81   3711733.77       25.00235  (19021421)               436879.08
3711718.55       24.96153  (19090606)
        436846.34   3711703.32       24.82299  (20012108)               436813.60
3711688.10       27.38083  (20090502)
        436780.86   3711672.88       27.09849  (21121618)               436748.12
3711657.65       26.22339  (20101803)
        436715.38   3711642.43       26.75845  (20100707)               436682.65
3711627.20       24.16932  (17010206)
        436649.91   3711611.98       24.07043  (19120723)               436617.17
3711596.76       23.80645  (20100707)
        436584.43   3711581.53       23.82540  (19070106)               437630.77
3711721.22       28.90856  (19071304)
        437664.51   3711706.33       29.02749  (20112420)               437636.32
3711822.54       29.67346  (21041006)
        437600.42   3711827.30       30.07372  (20050703)               437564.53
3711832.06       29.14077  (20080104)
        437528.63   3711836.83       28.35840  (18033003)               437492.73
3711841.59       27.58947  (17102724)
        437456.84   3711846.35       26.49335  (20112321)               437420.94
3711851.12       23.63736  (20082305)
        437385.04   3711855.88       22.08291  (21081403)               437349.15
3711860.64       20.76132  (20091401)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	23.67556	(21111720)	437277.35	3711870.17	24.06371	(20092002)
437241.46	3711874.93	27.90171	(18112618)	437061.98	3711898.75	28.68248	(21090703)
437011.19	3711885.86	28.27588	(20091402)	436978.36	3711870.59	28.46454	(20092722)
436945.52	3711855.33	25.72061	(21113022)	436912.69	3711840.06	23.76163	(18111719)
436879.85	3711824.79	23.40967	(18121120)	436847.02	3711809.52	23.33228	(18121120)
436814.18	3711794.25	23.22538	(20050805)	436781.35	3711778.98	24.95851	(19082324)
436748.52	3711763.71	24.65898	(21121618)	436715.68	3711748.44	24.03357	(18101320)
436682.85	3711733.17	23.36441	(20100707)	436650.01	3711717.91	22.06369	(17020624)
436617.18	3711702.64	21.77271	(20020821)	436584.34	3711687.37	21.83842	(20101803)
436551.51	3711672.10	21.39252	(20120917)	436518.67	3711656.83	21.76076	(20092402)
437671.14	3711812.71	27.31508	(19071304)	437704.88			

3711797.82 27.08142 (20060305)
437676.64 3711914.03 25.91923 (21101623) 437640.66
3711918.81 27.07034 (21041006)
437604.67 3711923.58 27.14254 (20050703) 437568.69
3711928.36 25.54306 (21101623)
437532.70 3711933.13 25.36489 (17102724) 437496.72
3711937.91 25.58057 (17022801)
437460.73 3711942.68 24.16824 (20091401) 437424.75
3711947.46 22.43991 (21051801)
437388.77 3711952.23 21.05432 (21081403) 437352.78
3711957.01 21.75743 (18112618)
437316.80 3711961.78 23.38509 (19011723) 437280.81
3711966.56 27.86169 (21111720)
437244.83 3711971.33 30.35770 (20092002) 437012.46
3711992.33 22.84779 (18101318)
436979.54 3711977.02 24.86335 (20092722) 436946.63
3711961.72 23.81101 (21090703)
436913.71 3711946.41 21.69151 (19091402) 436880.80
3711931.11 22.00141 (19021421)
436847.88 3711915.80 20.99446 (19082003) 436814.97
3711900.49 20.83459 (20012108)
436782.05 3711885.19 21.59281 (19071305) 436749.14
3711869.88 22.61255 (21060824)
436716.22 3711854.57 22.42739 (21121618) 436683.31
3711839.27 22.27973 (18101320)
436650.39 3711823.96 20.54228 (19071305) 436617.48
3711808.65 20.22690 (21020622)
436584.56 3711793.35 19.47900 (17071702) 436551.65
3711778.04 20.57292 (20051605)
436518.73 3711762.74 19.26759 (17020521) 436485.81
3711747.43 20.07641 (21111806)
436452.90 3711732.12 21.08297 (19041722) 437711.51
3711904.20 27.00855 (21073004)
437745.25 3711889.31 25.56741 (20060305) 437716.97
3712005.53 23.08976 (20080104)
437680.91 3712010.31 24.15990 (21041006) 437644.85
3712015.10 24.65746 (20092222)
437608.79 3712019.88 23.64786 (21021002) 437572.73
3712024.67 22.96862 (21041006)
437536.67 3712029.45 23.55343 (17102724) 437500.61
3712034.24 24.13069 (20112321)
437464.55 3712039.02 21.80832 (20080201) 437428.50
3712043.81 20.74578 (20091506)
437392.44 3712048.59 19.86662 (21110820) 437356.38
3712053.38 20.20388 (19050805)
437320.32 3712058.16 23.45210 (19110724) 437284.26
3712062.95 28.94581 (18120724)
437248.20 3712067.73 29.19530 (19110724) 437031.84
3712096.44 20.64719 (20013021)
436997.32 3712091.17 19.85281 (19063024) 436964.33

3712075.83   21.37100 (18101318)
        436931.35   3712060.49   21.51462 (19091402)   436898.36
3712045.15   20.92275 (20092523)
        436865.38   3712029.81   20.07245 (20091402)   436832.40
3712014.48   19.10854 (21121219)
        436799.41   3711999.14   19.24469 (19070105)   436766.43
3711983.80   19.41198 (20012108)
        436733.45   3711968.46   20.67754 (21121618)   436700.46
3711953.12   20.28178 (17102803)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436667.48   3711937.78   19.69821 (20050805)   436634.49
3711922.45   19.06772 (18101320)
        436601.51   3711907.11   19.79135 (20100707)   436568.53
3711891.77   18.44516 (21020405)
        436535.54   3711876.43   18.37782 (17021904)   436502.56
3711861.09   19.03210 (20101803)
        436469.57   3711845.76   19.01081 (20120918)   436436.59
3711830.42   19.25893 (21010520)
        436403.61   3711815.08   20.36042 (21070203)   436370.62
3711799.74   21.00013 (20051605)
        437751.87   3711995.69   23.76823 (21073004)   437785.61
3711980.81   24.28407 (21090401)

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        437757.31   3712097.02       20.74439  (17031621)               437721.18
3712101.82       21.04218  (21041006)
        437685.06   3712106.61       21.38558  (21090124)               437648.94
3712111.40       20.47936  (20080104)
        437612.81   3712116.20       19.68373  (19102119)               437576.69
3712120.99       19.93284  (19092304)
        437540.56   3712125.78       21.67928  (17022801)               437504.44
3712130.58       21.32283  (20091401)
        437468.31   3712135.37       19.75153  (19091403)               437432.19
3712140.16       19.66303  (19071603)
        437396.07   3712144.96       18.73430  (17091523)               437359.94
3712149.75       22.22032  (21082304)
        437323.82   3712154.55       26.43877  (21020924)               437287.69
3712159.34       26.69665  (18120724)
        437251.57   3712164.13       26.39680  (18052306)               437034.82
3712192.89       19.39378  (17122021)
        436982.18   3712190.00       18.13337  (20092722)               436949.13
3712174.64       20.24843  (20091402)
        436916.09   3712159.27       20.06810  (21113022)               436883.05
3712143.91       19.35849  (20092523)
        436850.01   3712128.54       18.38804  (20120702)               436816.96
3712113.18       18.28379  (21121219)
        436783.92   3712097.81       17.57156  (17010818)               436750.88
3712082.45       18.08172  (21030623)
        436717.83   3712067.08       18.75503  (20050805)               436684.79
3712051.71       19.41186  (21060824)
        436651.75   3712036.35       18.59091  (21121618)               436618.71
3712020.98       18.58570  (20092306)
        436585.66   3712005.62       17.58240  (17020308)               436552.62
3711990.25       18.05272  (17020308)
        436519.58   3711974.89       18.95313  (20122121)               436486.53
3711959.52       19.07411  (17021904)
        436453.49   3711944.15       19.13615  (17011021)               436420.45
3711928.79       19.23972  (21012221)
        436387.41   3711913.42       19.58537  (21010520)               436354.36
3711898.06       20.59499  (21070203)
        436321.32   3711882.69       21.75922  (21070203)               437792.24
3712087.18       22.14817  (21021002)
        437825.98   3712072.30       22.22608  (20112420)               437797.65
3712188.52       19.56258  (20080104)
        437761.47   3712193.32       19.98840  (17093002)               437725.29
3712198.12       19.88876  (21090124)
        437689.11   3712202.92       19.78264  (20080104)               437652.93
3712207.72       18.91824  (21101623)
        437616.75   3712212.52       19.16492  (20092405)               437580.57
3712217.32       19.14113  (18033003)
        437544.38   3712222.12       21.43033  (20112321)               437508.20
3712226.92       20.68043  (20091506)
        437472.02   3712231.73       19.34399  (19091403)               437435.84
3712236.53       19.17571  (19071603)
```

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436603.01   3712119.56   16.74857 (20050805)   436569.91
3712104.17   16.50785 (20101803)
        436536.82   3712088.78   16.57350 (17020308)   436503.72

```
3712073.39       16.32648  (17020308)
        436470.63   3712058.00       16.05153  (17020508)                436437.54
3712042.61       16.02520  (17042306)
        436404.44   3712027.22       16.08101  (20100707)                436371.35
3712011.83       16.51188  (19120720)
        436338.25   3711996.44       17.00243  (21010520)                436305.16
3711981.05       17.77229  (21070203)
        436272.06   3711965.67       19.10483  (21070203)                436238.97
3711950.28       17.43892  (17020908)
        437832.61   3712178.67       20.40802  (21021002)                437866.35
3712163.79       20.60039  (20112420)
        437307.35   3710801.18      107.69729  (19120820)                437307.81
3710761.16       95.78075  (21081405)
        437305.08   3710736.35       93.87320  (19040518)                437302.36
3710711.54       93.87213  (19071602)
        437299.63   3710686.74       95.32230  (19020918)                437296.90
3710661.93       96.35487  (17022418)
        437294.17   3710637.12       97.50596  (17022418)                437355.99
3710800.79       68.52391  (17120520)
        437332.06   3710855.22       99.08384  (18052223)                437357.51
3710755.69       73.27629  (17101118)
        437354.78   3710730.88       76.76409  (17022418)                437352.06
3710706.08       79.05785  (18011920)
        437349.33   3710681.27       79.99187  (17022418)                437346.60
3710656.46       80.56527  (17022418)
        437343.87   3710631.66       80.92077  (17022418)                437405.16
3710797.86       63.80585  (18011921)
        437400.37   3710820.68       64.57071  (19122917)                437395.58
3710843.51       65.46663  (17021118)
        437373.45   3710881.92       75.87640  (21081405)                437356.09
3710897.50       88.27796  (20082924)
        437338.74   3710913.08       97.76784  (19120820)                437409.94
3710775.03       62.29221  (17070719)
        437407.21   3710750.22       61.18462  (18022222)                437404.48
3710725.42       60.56492  (19092624)
        437401.76   3710700.61       61.67978  (19092624)                437399.03
3710675.80       63.24389  (19092624)
        437396.30   3710651.00       64.78635  (19020918)                437393.57
3710626.19       66.84347  (18022222)
        437454.54   3710793.91       54.81755  (17100320)                437449.43
3710818.26       56.03056  (17022721)
        437444.33   3710842.61       56.59739  (18122117)                437439.22
3710866.96       57.48704  (19050623)
        437415.61   3710907.92       56.84320  (20011619)                437397.10
3710924.55       68.50652  (18052223)
        437378.59   3710941.17       80.90637  (20082924)                437360.08
3710957.79       83.35584  (20082924)
        437459.64   3710769.57       52.86762  (21021018)                437456.91
3710744.76       52.03364  (19090223)
        437454.18   3710719.95       51.38257  (20022318)                437451.46
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437434.00	3711019.15	63.03830	(20082924)	437416.65	3711034.74	69.46500	(20082924)
437399.29	3711050.32	66.66019	(21073004)	437559.04	3710758.63	49.71396	(18100918)
437556.31	3710733.83	49.86839	(21121418)	437553.59	3710709.02	49.80366	(21010117)
437550.86	3710684.21	49.81041	(20123124)	437548.13	3710659.41	49.67332	(18022318)
437545.40	3710634.60	49.63059	(17121917)	437542.67	3710609.79	49.78137	(20123124)
437603.78	3710776.84	47.14254	(18100918)	437598.82	3710800.51	47.50053	(19090119)
437593.85	3710824.18	47.37378	(19090119)	437588.89	3710847.85	46.51920	(21031521)
437583.93	3710871.52	45.10045	(17100320)	437578.97	3710895.19	43.94874	(17111718)
437574.00	3710918.86	44.17538	(17012319)	437569.04	3710942.54	43.64278	(18122117)
437546.08	3710982.37	44.92987	(18052003)	437528.09	3710998.53	46.22176	(19050220)
437510.09	3711014.69	47.40292	(19051720)	437492.10	3711030.85	48.10272	(20032303)
437474.10	3711047.01	49.06459	(18050722)	437456.11	3711063.17	57.67821	(18052223)
437438.11	3711079.33	65.21423	(20112420)	437420.12	3711095.49	61.17782	(21073004)
437608.74	3710753.17	46.54524	(18121117)	437606.01	3710728.36	46.44980	(19092718)
437603.29	3710703.55	46.66304	(18090719)	437600.56	3710678.75	46.62281	(20123124)
437597.83	3710653.94	46.75952	(18093022)	437595.10	3710629.13	46.57395	(18093022)
437592.37	3710604.33	46.22651	(18022318)	437653.34	3710772.05	41.15496	(19122417)
437648.23	3710796.40	40.07963	(18021903)	437643.13	3710820.74	39.94136	(17032220)
437638.02	3710845.09	42.88568	(18022222)	437632.92	3710869.44	43.90384	(19051620)
437627.82	3710893.79	42.49946	(21042619)	437622.71	3710918.13	41.11543	(19021420)
437617.61	3710942.48	40.98836	(17111718)	437612.50	3710966.83	40.54991	(21030919)
437588.89	3711007.80	41.78075	(21123118)	437570.38	3711024.42	42.39974	(21032521)

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        437551.87   3711041.04       43.61838  (21122720)               437533.36
3711057.66       44.67237  (19090420)
        437514.85   3711074.28       45.36097  (21122720)               437496.34
3711090.91       46.45804  (21021319)
        437477.84   3711107.53       50.04844  (18052223)               437459.33
3711124.15       61.47265  (18052223)
        437440.82   3711140.77       57.47529  (19071304)               437658.44
3710747.70       41.96485  (18092920)
        437655.71   3710722.89       42.91518  (17040820)               437652.99
3710698.09       43.37199  (17040820)
        437650.26   3710673.28       43.59169  (18020519)               437647.53
3710648.47       43.14402  (18122506)
        437644.80   3710623.67       42.84222  (18022318)               437642.07
3710598.86       39.42533  (19051919)
        437703.36   3710765.06       26.40130  (18011920)               437698.57
3710787.89       27.98737  (19020522)
        437693.79   3710810.71       29.33679  (19020522)               437689.00
3710833.54       30.22551  (17032019)
        437684.22   3710856.36       33.70351  (17101118)               437679.43
3710879.19       38.32636  (17101118)
        437674.64   3710902.01       40.08188  (19090119)               437669.86
3710924.84       39.00062  (19030721)
        437665.07   3710947.67       37.96023  (19050702)               437660.29
3710970.49       38.35227  (17012118)
        437655.50   3710993.32       38.11396  (21102418)               437633.36
3711031.73       38.78476  (17031123)
        437616.01   3711047.31       39.45201  (20011318)               437598.66
3711062.89       39.90804  (21100518)
        437581.31   3711078.47       40.74384  (21122720)               437563.96
3711094.06       41.61214  (18052020)
        437546.60   3711109.64       41.96718  (18040424)               437529.25
3711125.22       42.89778  (18050722)
        437511.90   3711140.81       44.37957  (19012018)               437494.55
3711156.39       53.47498  (18052223)
        437477.20   3711171.97       57.69932  (18052223)               437459.84
3711187.55       55.40900  (21073004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 531
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
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L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	25.07055	(19051920)	437705.41	3710717.43	25.06280	(21101617)
437702.69	3710692.62	26.94300	(21030818)	437699.96	3710667.81	28.27752	(18031405)
437697.23	3710643.01	27.89517	(18050919)	437694.50	3710618.20	25.47794	(19030918)
437691.77	3710593.39	16.90736	(19050518)	437752.93	3710760.18	22.40024	(17022218)
437748.03	3710783.59	23.65652	(19040418)	437743.12	3710807.00	25.16049	(19020522)
437738.21	3710830.41	26.72309	(19020522)	437733.30	3710853.82	26.27101	(17032019)
437728.39	3710877.23	26.56801	(18052319)	437723.49	3710900.65	27.97022	(19051921)
437718.58	3710924.06	29.62458	(17022218)	437713.67	3710947.47	32.46290	(19051922)
437708.76	3710970.88	35.38329	(17021119)	437703.85	3710994.29	36.01720	(19021420)
437698.94	3711017.70	35.53403	(17111718)	437676.24	3711057.09	36.25103	(18052003)
437658.44	3711073.08	36.76931	(20040220)	437640.65	3711089.06	37.25682	(21072620)
437622.85	3711105.04	37.89405	(20052621)	437605.05	3711121.02	38.65142	(19050220)
437587.25	3711137.01	39.43251	(19090420)	437569.46	3711152.99	39.22558	(20032303)
437551.66	3711168.97	38.95712	(18071405)	437533.86	3711184.95	46.59790	(21081405)
437516.07	3711200.93	50.96055	(20112420)	437498.27	3711216.92	53.91731	(19120820)
437480.47	3711232.90	53.49847	(19071304)	437757.84	3710736.77	19.45750	(17030518)
437755.11	3710711.96	16.99328	(17030518)	437752.39	3710687.15	12.68888	(19020503)
437749.66	3710662.35	13.20545	(17012017)	437746.93			

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3710637.54       12.60629  (18121016)
        437744.20   3710612.73       12.62949  (19040418)                437741.47
3710587.93       10.54134  (17012017)
        437852.14   3710750.18       15.30842  (19020503)                437847.03
3710774.53       16.02204  (17012517)
        437841.93   3710798.88       17.49524  (17022218)                437836.83
3710823.23       19.35826  (19040418)
        437831.72   3710847.57       20.69643  (17030518)                437826.62
3710871.92       22.45795  (19021521)
        437821.51   3710896.27       22.60207  (17032019)                437816.41
3710920.62       22.97492  (18052319)
        437811.30   3710944.96       23.27810  (18052319)                437806.20
3710969.31       23.11658  (17022218)
        437801.09   3710993.66       22.21836  (18051319)                437795.99
3711018.01       21.64245  (19051922)
        437790.88   3711042.35       22.97961  (19022101)                437785.78
3711066.70       28.22308  (19022818)
        437762.17   3711107.67       31.99229  (20080720)                437743.66
3711124.29       32.25796  (19051821)
        437725.15   3711140.91       32.91432  (19073021)                437706.64
3711157.53       33.50187  (21092522)
        437688.13   3711174.16       33.67214  (17031319)                437669.62
3711190.78       32.70096  (20121907)
        437651.11   3711207.40       32.10891  (21022818)                437632.60
3711224.02       32.24365  (18021605)
        437614.10   3711240.64       33.44502  (21022818)                437595.59
3711257.26       35.94954  (21081203)
        437577.08   3711273.89       42.21813  (20082924)                437558.57
3711290.51       45.55224  (20112420)
        437540.06   3711307.13       47.35772  (19120820)                437521.55
3711323.75       48.37216  (19120820)
        437857.24   3710725.84       11.61168  (19040618)                437854.52
3710701.03        8.70721  (19020503)
        437851.79   3710676.22        9.89626  (17012017)                437849.06
3710651.42        9.49568  (17012017)
        437846.33   3710626.61        9.00877  (17012017)                437843.60
3710601.80        8.44949  (17012017)
        437840.87   3710577.00        7.84060  (17012017)                437951.68
3710738.57       11.18430  (19040418)
        437946.72   3710762.25       12.24039  (19040518)                437941.76
3710785.92       13.48454  (17030518)
        437936.79   3710809.59       14.53668  (17030518)                437931.83
3710833.26       15.37481  (17022218)
        437926.87   3710856.93       17.03561  (17030518)                437921.91
3710880.60       18.17636  (17030518)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437916.94	3710904.27	19.12602	(19020522)	437911.98	3710927.94	19.10669	(19051921)
437907.02	3710951.61	19.52574	(17032019)	437902.05	3710975.29	19.98756	(18052319)
437897.09	3710998.96	20.28080	(18011920)	437892.13	3711022.63	20.15204	(19051922)
437887.17	3711046.30	19.49123	(19020503)	437882.20	3711069.97	18.61338	(19051922)
437877.24	3711093.64	18.13907	(17122018)	437872.28	3711117.31	19.19278	(17122017)
437849.32	3711157.14	26.66654	(18011921)	437831.33	3711173.30	29.04597	(17010218)
437813.33	3711189.46	29.41370	(19051821)	437795.34	3711205.62	29.70764	(17010218)
437777.34	3711221.78	30.23184	(19073021)	437759.35	3711237.94	30.45408	(21100518)
437741.35	3711254.10	31.03858	(20011619)	437723.36	3711270.26	31.31444	(21091321)
437705.36	3711286.42	31.46058	(18021605)	437687.37	3711302.58	31.63101	(20032303)
437669.37	3711318.74	31.81079	(20032303)	437651.38	3711334.90	32.36030	(20042621)
437633.38	3711351.06	33.04180	(18022621)	437615.39	3711367.22	33.55550	(20012007)
437597.39	3711383.38	36.86024	(19120820)	437579.40	3711399.54	40.67134	(19071602)

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        437561.40   3711415.70       41.51039  (19071304)               437956.64
3710714.90        8.78686  (19040618)
        437953.92   3710690.10        7.50690  (19123016)               437951.19
3710665.29        7.38693  (19040418)
        437948.46   3710640.48        7.39509  (18121016)               437945.73
3710615.68        6.88735  (19040618)
        437943.00   3710590.87        6.25919  (19040618)               437940.27
3710566.06        5.69704  (20020517)
        438050.94   3710728.32       13.24912  (17012017)               438045.84
3710752.67       14.35277  (19021521)
        438040.73   3710777.01       12.73203  (20020818)               438035.63
3710801.36       11.26356  (20032618)
        438030.52   3710825.71       12.19846  (17012517)               438025.42
3710850.06       14.15060  (17022218)
        438020.31   3710874.40       15.24413  (17012017)               438015.21
3710898.75       16.62265  (18041619)
        438010.10   3710923.10       17.37650  (19020522)               438005.00
3710947.45       18.19032  (19021718)
        437999.90   3710971.79       18.05777  (18022218)               437994.79
3710996.14       17.85072  (19051921)
        437989.69   3711020.49       18.12782  (18052319)               437984.58
3711044.84       18.34590  (19051921)
        437979.48   3711069.18       17.77895  (19051922)               437974.37
3711093.53       17.18111  (19051922)
        437969.27   3711117.88       16.52192  (19051922)               437964.16
3711142.23       15.46289  (18021901)
        437959.06   3711166.57       15.17054  (20022218)               437935.45
3711207.54       16.35618  (18122717)
        437916.94   3711224.16       20.88937  (20021819)               437898.43
3711240.79       25.04524  (17010919)
        437879.92   3711257.41       26.87352  (17031123)               437861.41
3711274.03       27.26374  (19073021)
        437842.90   3711290.65       27.58290  (19073021)               437824.39
3711307.27       27.58876  (21072620)
        437805.88   3711323.89       27.99531  (21092522)               437787.37
3711340.52       28.38099  (19040222)
        437768.87   3711357.14       28.51568  (18021605)               437750.36
3711373.76       28.62926  (20031221)
        437731.85   3711390.38       28.75405  (18050722)               437713.34
3711407.00       29.02295  (17070722)
        437694.83   3711423.62       29.70437  (19091922)               437676.32
3711440.25       29.61074  (19012018)
        437657.81   3711456.87       30.14398  (17021105)               437639.30
3711473.49       31.69112  (21082702)
        437620.79   3711490.11       33.56627  (20050801)               437602.29
3711506.73       35.78409  (21073004)
        438056.04   3710703.97       10.47407  (18031405)               438053.32
3710679.16        7.47335  (20032618)
        438050.59   3710654.36        7.72305  (20020818)               438047.86
3710629.55        8.88202  (19020517)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438145.46	3710740.67	20.15582	(18093022)	438140.46	3710764.49	16.12694	(18093022)
438135.47	3710788.31	12.87471	(17012017)	438130.48	3710812.13	12.13587	(18022218)
438125.48	3710835.95	14.54498	(19051920)	438120.49	3710859.77	14.97298	(18021902)
438115.50	3710883.58	14.96225	(20030118)	438110.50	3710907.40	14.77917	(17092618)
438105.51	3710931.22	15.54130	(18041619)	438100.52	3710955.04	15.89771	(19020522)
438095.52	3710978.86	16.44199	(19020503)	438090.53	3711002.67	16.42799	(17032019)
438085.54	3711026.49	16.56124	(19040619)	438080.54	3711050.31	16.38713	(19051921)
438075.55	3711074.13	16.35985	(18052319)	438070.55	3711097.95	16.36048	(18011920)
438065.56	3711121.77	16.17749	(19051922)	438060.57			

3711145.58 15.33977 (18051319)
438055.57 3711169.40 14.71647 (18051319) 438050.58
3711193.22 14.03997 (19051922)
438045.59 3711217.04 13.98765 (18052319) 438022.49
3711257.12 14.25184 (18121717)
438004.38 3711273.38 14.53018 (21012218) 437986.27
3711289.64 15.84936 (18011921)
437968.17 3711305.90 18.14956 (17010218) 437950.06
3711322.16 22.63440 (19122917)
437931.95 3711338.42 24.83367 (19011717) 437913.85
3711354.68 25.21937 (21092521)
437895.74 3711370.94 25.43765 (21072620) 437877.64
3711387.20 25.68083 (21091321)
437859.53 3711403.46 25.89017 (19040222) 437841.42
3711419.72 25.96833 (21091321)
437823.32 3711435.98 26.10710 (19090420) 437805.21
3711452.24 26.18352 (20031221)
437787.10 3711468.50 26.24422 (18041822) 437769.00
3711484.76 26.47792 (17070722)
437750.89 3711501.02 26.83847 (20012007) 437732.78
3711517.28 27.25680 (21021418)
437714.68 3711533.54 27.64644 (20012007) 437696.57
3711549.80 28.19800 (21081204)
437678.46 3711566.06 29.84121 (19120820) 437660.36
3711582.32 30.11279 (20050801)
437642.25 3711598.58 30.39937 (20100624) 438155.45
3710693.04 24.87176 (17121917)
438152.72 3710668.23 25.62584 (18050919) 438149.99
3710643.42 25.55068 (21082021)
438147.26 3710618.62 24.80092 (19021618) 438144.53
3710593.81 21.53961 (19051919)
438141.80 3710569.00 18.39860 (19051919) 438139.08
3710544.20 16.59319 (19022103)
438249.74 3710706.45 20.51334 (18052001) 438244.64
3710730.80 22.18223 (21092420)
438239.53 3710755.15 23.62389 (18022118) 438234.43
3710779.50 24.16193 (18093022)
438229.32 3710803.84 23.40907 (20052619) 438224.22
3710828.19 21.15039 (17022318)
438219.11 3710852.54 16.60379 (21042719) 438214.01
3710876.89 11.15297 (20032618)
438208.91 3710901.23 13.36679 (20030118) 438203.80
3710925.58 14.48767 (17092618)
438198.70 3710949.93 14.74922 (17022218) 438193.59
3710974.28 15.15723 (17092618)
438188.49 3710998.62 15.67150 (17122019) 438183.38
3711022.97 16.13831 (17122019)
438178.28 3711047.32 15.91675 (19020503) 438173.17
3711071.67 15.76600 (19040619)
438168.07 3711096.01 15.65389 (19051922) 438162.96

3711120.36   15.64814 (18052319)
        438157.86   3711144.71   15.81440 (17022218)   438152.76
3711169.06   15.54579 (19051921)
        438147.65   3711193.40   15.20454 (19051921)   438142.55
3711217.75   14.41002 (19051921)
        438137.44   3711242.10   13.50032 (17122017)   438132.34
3711266.45   13.10224 (19021918)
        438108.72   3711307.41   13.14274 (17122017)   438090.22
3711324.04   13.95773 (21010317)
        438071.71   3711340.66   15.81186 (19022101)   438053.20
3711357.28   17.37405 (19020818)
        438034.69   3711373.90   19.71600 (19122917)   438016.18
3711390.52   22.27800 (19050623)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437997.67   3711407.14   22.99086 (21100518)   437979.16
3711423.77   23.33435 (21092521)
        437960.65   3711440.39   23.44815 (17021106)   437942.14
3711457.01   23.63182 (21091321)
        437923.64   3711473.63   23.84354 (19040222)   437905.13
3711490.25   23.96144 (19040222)
        437886.62   3711506.87   24.05778 (19072504)   437868.11
3711523.50   24.18744 (19050421)

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        437849.60   3711540.12       24.15809  (18040424)               437831.09
3711556.74       24.08047  (17102823)
        437812.58   3711573.36       24.29981  (19040621)               437794.07
3711589.98       24.68961  (19071602)
        437775.56   3711606.60       24.64618  (21121217)               437757.06
3711623.23       25.11807  (21081405)
        437738.55   3711639.85       26.31199  (21081204)               437720.04
3711656.47       27.63141  (21090401)
        437701.53   3711673.09       27.56112  (20050801)               437683.02
3711689.71       27.97231  (18122022)
        438254.85   3710682.11       19.44737  (19021618)               438252.12
3710657.30       19.11877  (21031719)
        438249.39   3710632.49       19.52848  (17082504)               438246.66
3710607.69       20.30326  (17082504)
        438243.93   3710582.88       20.77335  (18122503)               438241.20
3710558.07       20.82732  (17073105)
        438238.48   3710533.27       20.87844  (21090924)               438349.23
3710695.09       17.91861  (19041719)
        438344.22   3710719.00       17.63797  (19041719)               438339.21
3710742.91       17.96493  (21100424)
        438334.19   3710766.82       19.10944  (18062204)               438329.18
3710790.74       20.51266  (20040803)
        438324.17   3710814.65       22.14008  (17041920)               438319.15
3710838.56       22.90365  (19051323)
        438314.14   3710862.47       22.33984  (17041920)               438309.13
3710886.39       21.15185  (19092718)
        438304.11   3710910.30       19.76063  (20030118)               438299.10
3710934.21       16.32769  (18022218)
        438294.09   3710958.13       11.86978  (17092618)               438289.07
3710982.04       11.86128  (18060620)
        438284.06   3711005.95       13.63018  (17092618)               438279.05
3711029.86       14.64783  (19051920)
        438274.03   3711053.78       15.25108  (19020522)               438269.02
3711077.69       15.37343  (17032220)
        438264.01   3711101.60       15.72798  (17032019)               438258.99
3711125.51       15.92130  (17032019)
        438253.98   3711149.43       15.20649  (19040619)               438248.97
3711173.34       14.87028  (18052319)
        438243.95   3711197.25       15.20448  (19020918)               438238.94
3711221.17       15.55190  (19020918)
        438233.93   3711245.08       14.73536  (19020918)               438228.91
3711268.99       12.95194  (19051921)
        438223.90   3711292.90       11.89476  (21031521)               438218.89
3711316.82       11.85038  (17122018)
        438195.69   3711357.05       13.43892  (19022818)               438177.52
3711373.38       15.77729  (17122018)
        438159.34   3711389.70       18.10761  (19022101)               438141.16
3711406.03       19.31605  (20042624)
        438122.98   3711422.35       19.64746  (19120917)               438104.80
3711438.68       20.12971  (17010919)
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        438086.62   3711455.00       20.81537  (19020818)                438068.45
3711471.33       21.19164  (19011717)
        438050.27   3711487.65       21.31312  (19050623)                438032.09
3711503.98       21.51948  (21092522)
        438013.91   3711520.30       21.79111  (20040220)                437995.73
3711536.63       21.91807  (20052621)
        437977.55   3711552.95       22.13995  (19090420)                437959.38
3711569.28       22.16615  (18012907)
        437941.20   3711585.60       22.17059  (18021605)                437923.02
3711601.93       22.17763  (20031520)
        437904.84   3711618.25       22.17927  (18052020)                437886.66
3711634.58       22.17675  (20032303)
        437868.48   3711650.90       22.12417  (17070722)                437850.31
3711667.23       22.63514  (19091922)
        437832.13   3711683.55       22.89790  (19012018)                437813.95
3711699.88       23.25256  (20012007)
        437795.77   3711716.20       24.15030  (20112420)                437777.59
3711732.53       25.32825  (21082702)
        437759.41   3711748.85       26.08615  (19071602)                437741.24
3711765.17       25.88866  (21081204)
        437723.06   3711781.50       26.21491  (18122022)                438354.25
3710671.17       18.59511  (21031719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 535
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

438351.52 3710646.37 19.34710 (17082504) 438348.79
3710621.56 20.17332 (21062405)
438346.06 3710596.75 20.68530 (21031421) 438343.33
3710571.95 21.16893 (17032224)
438340.61 3710547.14 21.60163 (17012021) 438337.88
3710522.33 21.49423 (18033019)
438448.54 3710684.59 19.69416 (19041719) 438443.44
3710708.94 18.61570 (19041719)
438438.33 3710733.28 17.40281 (19041719) 438433.23
3710757.63 17.04155 (19071521)
438428.12 3710781.98 16.82071 (18100919) 438423.02
3710806.33 16.72192 (18022118)
438417.92 3710830.67 17.58647 (20052320) 438412.81
3710855.02 19.21871 (18092424)
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3710903.72 21.27826 (17081721)
438397.50 3710928.06 21.04114 (17040820) 438392.39
3710952.41 21.43104 (17032219)
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3711098.50 13.65349 (17122019)
438356.66 3711122.84 13.34527 (17032220) 438351.56
3711147.19 14.67085 (19040619)
438346.45 3711171.54 15.28135 (19040619) 438341.35
3711195.89 14.55796 (19051923)
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438326.03 3711268.93 13.36548 (19020918) 438320.93
3711293.28 13.27339 (19020918)
438315.83 3711317.62 13.18945 (19020918) 438310.72
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438305.62 3711366.32 12.17491 (18052319) 438282.00
3711407.29 13.24884 (19120917)
438263.49 3711423.91 15.72226 (19022818) 438244.98
3711440.53 17.32256 (19092219)
438226.48 3711457.15 17.78906 (19092219) 438207.97
3711473.77 17.98009 (21010317)
438189.46 3711490.40 18.28616 (19020818) 438170.95
3711507.02 18.83432 (19051821)
438152.44 3711523.64 19.41137 (18052003) 438133.93
3711540.26 19.57776 (19011717)
438115.42 3711556.88 19.51434 (18052003) 438096.91
3711573.50 19.78661 (21092522)
438078.41 3711590.13 20.16906 (21032521) 438059.90
3711606.75 20.39149 (21092522)
438041.39 3711623.37 20.43217 (21040603) 438022.88

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3711639.99       20.41850  (21052822)
        438004.37   3711656.61       20.55478  (19050421)                437985.86
3711673.23       20.53305  (20031520)
        437967.35   3711689.86       20.53025  (20042621)                437948.84
3711706.48       20.58685  (18041822)
        437930.33   3711723.10       20.46836  (17070722)                437911.83
3711739.72       20.58981  (20012007)
        437893.32   3711756.34       21.30549  (20012007)                437874.81
3711772.96       20.96090  (21082702)
        437856.30   3711789.58       21.58975  (21081405)                437837.79
3711806.21       22.90905  (18052223)
        437819.28   3711822.83       23.79930  (19120820)                437800.77
3711839.45       24.28487  (21090401)
        437782.26   3711856.07       24.19914  (19071304)                437763.75
3711872.69       24.22125  (18122022)
        438453.65   3710660.24       20.23431  (17012318)                438450.92
3710635.43       20.43489  (18122503)
        438448.19   3710610.63       20.41145  (20072119)                438445.46
3710585.82       19.92985  (17012021)
        438442.73   3710561.01       19.71749  (17032224)                438440.01
3710536.21       19.44341  (21090924)
        438437.28   3710511.40       18.84259  (18052002)                438548.02
3710673.29       18.80055  (21072522)
        438542.99   3710697.27       18.85634  (17121917)                438537.97
3710721.24       18.42752  (18022306)
        438532.94   3710745.22       17.25727  (19041719)                438527.91
3710769.20       16.54920  (19071521)
        438522.88   3710793.18       15.92174  (19071920)                438517.86
3710817.16       15.61954  (18041206)
        438512.83   3710841.14       15.57662  (18112919)                438507.80
3710865.12       15.93272  (20052320)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 536
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438502.78	3710889.09	16.37428	(17092720)	438497.75	3710913.07	16.77369	(18082321)
438492.72	3710937.05	17.03019	(19080105)	438487.69	3710961.03	18.07191	(21042520)
438482.67	3710985.01	19.87588	(17031320)	438477.64	3711008.99	19.80934	(19030318)
438472.61	3711032.97	17.15317	(19051920)	438467.59	3711056.94	14.27740	(18092920)
438462.56	3711080.92	11.20901	(17092618)	438457.53	3711104.90	11.72204	(19051920)
438452.50	3711128.88	13.79772	(19051622)	438447.48	3711152.86	14.18356	(19040419)
438442.45	3711176.84	14.54633	(18021904)	438437.42	3711200.82	15.09853	(17032220)
438432.40	3711224.79	15.31357	(19090119)	438427.37	3711248.77	14.72036	(19051922)
438422.34	3711272.75	13.37309	(17022218)	438417.31	3711296.73	12.12136	(19020918)
438412.29	3711320.71	11.30913	(18011920)	438407.26	3711344.69	11.10926	(21031521)
438402.23	3711368.67	11.20828	(17081019)	438397.21	3711392.64	11.38131	(19022102)
438392.18	3711416.62	11.37931	(19021419)	438368.92	3711456.97	11.65290	(17122017)
438350.69	3711473.34	11.76256	(19022818)	438332.47	3711489.71	12.65573	(18122117)
438314.24	3711506.08	13.75233	(17021107)	438296.01	3711522.45	15.40052	(21102418)
438277.78	3711538.82	16.29923	(20042624)	438259.55	3711555.19	16.52338	(20042624)
438241.32	3711571.56	17.02965	(20021819)	438223.09	3711587.93	17.42831	(19011717)
438204.87	3711604.30	17.85914	(18011921)	438186.64	3711620.67	18.04059	(18052003)
438168.41	3711637.04	18.32463	(20011318)	438150.18	3711653.41	18.71038	(17021106)
438131.95	3711669.78	18.95227	(21032521)	438113.72	3711686.15	19.07446	(19051720)
438095.50	3711702.52	19.25013	(19051720)	438077.27	3711718.89	19.21173	(21021319)

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        438059.04   3711735.26       19.32922  (19050421)               438040.81
3711751.63       19.40874  (20031318)
        438022.58   3711768.00       19.31433  (20032303)               438004.35
3711784.37       19.34253  (18050722)
        437986.13   3711800.74       19.59091  (18022621)               437967.90
3711817.11       19.55676  (17021105)
        437949.67   3711833.48       19.95184  (19091922)               437931.44
3711849.85       19.82940  (21021418)
        437913.21   3711866.22       19.67969  (21051406)               437894.98
3711882.59       19.97930  (18052223)
        437876.75   3711898.96       21.23943  (21081204)               437858.53
3711915.33       22.38956  (19120820)
        437840.30   3711931.70       22.81789  (21090401)               437822.07
3711948.07       23.04812  (21073004)
        437803.84   3711964.44       22.88118  (18122022)               438553.05
3710649.31       18.46558  (21042522)
        438550.32   3710624.50       17.53573  (21062405)               438547.59
3710599.69       16.31388  (18122503)
        438544.86   3710574.89       15.37169  (19121517)               438542.13
3710550.08       14.89172  (18122504)
        438539.41   3710525.27       14.93023  (17012021)               438536.68
3710500.47       14.98962  (18052002)
        438647.34   3710662.72       15.65414  (17082504)               438642.24
3710687.07       16.46386  (18022306)
        438637.13   3710711.42       17.27222  (18022306)               438632.03
3710735.77       17.45823  (18022306)
        438626.93   3710760.11       17.43861  (19041719)               438621.82
3710784.46       16.94475  (20012607)
        438616.72   3710808.81       16.06807  (18100919)               438611.61
3710833.16       14.93399  (18041206)
        438606.51   3710857.50       14.60287  (17041920)               438601.40
3710881.85       14.77202  (20040803)
        438596.30   3710906.20       15.46983  (18092424)               438591.19
3710930.55       16.78383  (19010718)
        438586.09   3710954.89       18.12554  (17092720)               438580.99
3710979.24       18.63937  (18042404)
        438575.88   3711003.59       17.93894  (17041804)               438570.78
3711027.94       17.33867  (19050703)
        438565.67   3711052.28       16.85530  (17092618)               438560.57
3711076.63       15.46403  (19050703)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 537
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
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INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 , L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 , L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	14.21144	(19051920)	438550.36	3711125.33	12.93216	(19051920)
438545.25	3711149.67	11.77299	(19051622)	438540.15	3711174.02	11.07077	(19020522)
438535.04	3711198.37	10.42572	(17122019)	438529.94	3711222.72	11.67158	(17032019)
438524.84	3711247.06	13.67634	(19091019)	438519.73	3711271.41	14.40518	(19090119)
438514.63	3711295.76	14.13983	(19051922)	438509.52	3711320.11	14.23725	(19051922)
438504.42	3711344.45	14.11362	(19051922)	438499.31	3711368.80	13.42692	(19051922)
438494.21	3711393.15	12.75816	(18052319)	438489.10	3711417.50	12.44618	(17081019)
438484.00	3711441.84	12.01285	(18122502)	438478.89	3711466.19	11.48969	(17021107)
438455.28	3711507.16	11.29573	(19020519)	438436.77	3711523.78	11.20449	(17021119)
438418.26	3711540.40	11.47999	(19022818)	438399.75	3711557.02	11.73744	(19021419)
438381.25	3711573.65	12.89786	(20021618)	438362.74	3711590.27	14.86040	(20042624)
438344.23	3711606.89	16.07171	(21030919)	438325.72	3711623.51	16.52832	(19020818)
438307.21	3711640.13	16.71569	(20101718)	438288.70	3711656.75	17.07118	(18052003)
438270.19	3711673.38	17.09035	(19011717)	438251.68	3711690.00	16.91438	(19011717)
438233.17	3711706.62	17.06747	(21041420)	438214.67	3711723.24	17.37807	(18041904)
438196.16	3711739.86	17.56850	(19050220)	438177.65			

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3711756.48       17.82144  (20052621)
        438159.14   3711773.11       17.99896  (19090420)                438140.63
3711789.73       17.98793  (21042501)
        438122.12   3711806.35       18.14758  (19090420)                438103.61
3711822.97       18.19441  (19072504)
        438085.10   3711839.59       18.11063  (20031221)                438066.60
3711856.21       18.14022  (18041822)
        438048.09   3711872.84       18.15606  (21121217)                438029.58
3711889.46       18.38685  (17102823)
        438011.07   3711906.08       18.21450  (20012007)                437992.56
3711922.70       18.66926  (21121217)
        437974.05   3711939.32       18.28923  (17021024)                437955.54
3711955.94       18.67216  (21082702)
        437937.03   3711972.57       19.09363  (20082924)                437918.52
3711989.19       20.56981  (21082702)
        437900.02   3712005.81       21.57167  (19120820)                437881.51
3712022.43       21.44181  (17093002)
        437863.00   3712039.05       21.66719  (21081204)                437844.49
3712055.67       21.52986  (18122022)
        438652.45   3710638.38       14.91913  (21062405)                438649.72
3710613.57       14.49284  (21031421)
        438646.99   3710588.76       14.24151  (17052621)                438644.26
3710563.96       14.01577  (20030220)
        438641.54   3710539.15       14.00863  (17070720)                438638.81
3710514.34       14.03318  (17012021)
        438636.08   3710489.54       14.42011  (18052002)                438746.81
3710651.47       13.72727  (21062405)
        438741.77   3710675.50       13.97874  (21031421)                438736.74
3710699.52       14.36080  (21092420)
        438731.70   3710723.55       14.70762  (19021618)                438726.66
3710747.58       15.25493  (17080121)
        438721.62   3710771.61       16.03561  (19041719)                438716.59
3710795.63       16.18764  (19012101)
        438711.55   3710819.66       16.01264  (19011720)                438706.51
3710843.69       15.01943  (19071920)
        438701.48   3710867.71       14.40364  (17072621)                438696.44
3710891.74       14.32496  (18092424)
        438691.40   3710915.77       14.84674  (18082322)                438686.36
3710939.80       15.78979  (19080105)
        438681.33   3710963.82       16.67261  (18020521)                438676.29
3710987.85       17.43024  (20123124)
        438671.25   3711011.88       17.14043  (18042404)                438666.21
3711035.90       16.84429  (18042620)
        438661.18   3711059.93       17.02156  (19080420)                438656.14
3711083.96       17.83701  (17030318)
        438651.10   3711107.99       17.44548  (19021521)                438646.06
3711132.01       16.37045  (18053119)
        438641.03   3711156.04       15.01626  (18053119)                438635.99
3711180.07       13.84060  (21111717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438630.95	3711204.09	12.87403	(21111717)	438625.92	3711228.12	12.52200	(21111717)
438620.88	3711252.15	12.27190	(19040419)	438615.84	3711276.18	11.73954	(19040619)
438610.80	3711300.20	10.04799	(19040619)	438605.77	3711324.23	9.34643	(19051922)
438600.73	3711348.26	10.52307	(19020503)	438595.69	3711372.28	11.64272	(18052319)
438590.65	3711396.31	12.47910	(19051922)	438585.62	3711420.34	12.41693	(19051922)
438580.58	3711444.37	11.87409	(19022102)	438575.54	3711468.39	11.01803	(17081019)
438570.50	3711492.42	10.07201	(21042619)	438565.47	3711516.45	9.05478	(19051922)
438542.16	3711556.88	9.08001	(18122717)	438523.90	3711573.28	9.67709	(17021107)
438505.63	3711589.68	10.51855	(17021119)	438487.37	3711606.09	11.82312	(19022818)
438469.10	3711622.49	13.33674	(19022101)	438450.84	3711638.89	14.81824	(17012118)
438432.57	3711655.29	15.16805	(17012319)	438414.31	3711671.70	15.50477	(21030919)

```
        438396.04   3711688.10       15.77820  (20080720)               438377.78
3711704.50       16.18918  (18052003)
        438359.51   3711720.91       16.60500  (20101718)               438341.25
3711737.31       16.58199  (20102520)
        438322.98   3711753.71       16.63672  (18052003)               438304.71
3711770.12       16.60983  (19022819)
        438286.45   3711786.52       16.68971  (21092521)               438268.18
3711802.92       16.67711  (20040220)
        438249.92   3711819.32       16.84788  (17073002)               438231.65
3711835.73       16.90440  (17082623)
        438213.39   3711852.13       17.05494  (19050220)               438195.12
3711868.53       17.01598  (20061320)
        438176.86   3711884.94       17.01531  (19050421)               438158.59
3711901.34       17.11582  (19050421)
        438140.33   3711917.74       17.00028  (20080622)               438122.06
3711934.14       17.05885  (20032303)
        438103.80   3711950.55       17.03461  (18050722)               438085.53
3711966.95       17.26597  (19091922)
        438067.27   3711983.35       17.13687  (19121324)               438049.00
3711999.76       17.50615  (17021024)
        438030.73   3712016.16       17.11012  (21051406)               438012.47
3712032.56       17.40372  (21082702)
        437994.20   3712048.97       17.69859  (21081405)               437975.94
3712065.37       18.40126  (20112420)
        437957.67   3712081.77       18.73575  (21082702)               437939.41
3712098.17       18.70919  (19071602)
        437921.14   3712114.58       19.33063  (21081204)               437902.88
3712130.98       19.85635  (21081204)
        437884.61   3712147.38       20.09424  (18122022)               438751.85
3710627.44       13.30785  (21082021)
        438749.12   3710602.64       13.19733  (20083106)               438746.39
3710577.83       13.22331  (19121517)
        438743.66   3710553.02       13.13423  (17032224)               438740.94
3710528.22       13.05342  (17040819)
        438738.21   3710503.41       13.15995  (19121418)               438735.48
3710478.60       13.33885  (21021818)
        437306.53   3710616.73       91.67736  (18021904)               437313.98
3710595.52       88.88771  (17122019)
        437321.42   3710574.31       86.40058  (18121117)               437361.16
3710612.07       76.11837  (19020918)
        437368.60   3710590.86       73.46231  (18011920)               437415.78
3710607.42       58.36680  (17030318)
        437433.19   3710708.81       53.11290  (18071324)               437480.37
3710725.37       50.78593  (20100819)
        437582.17   3710737.27       48.17430  (18092920)               437676.53
3710770.38       34.30834  (19051920)
        437683.97   3710749.17       33.72936  (18031405)               437716.27
3710808.14       27.15800  (19020522)
        437723.71   3710786.93       25.96558  (18011920)               438595.27
3711021.29       18.31240  (18042404)
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	66.36747	(18050919)	437400.05	3710499.51	63.02364	(19012101)
437423.89	3710583.87	59.55187	(18090719)	437431.70	3710561.17	60.37100	(18021902)
437439.51	3710538.48	59.55939	(18022318)	437447.32	3710515.78	55.79667	(19012101)
437471.16	3710600.14	53.09490	(19011720)	437478.98	3710577.45	55.32345	(17021619)
437486.79	3710554.75	53.47697	(20030220)	437494.60	3710532.05	41.33293	(19021720)
437518.44	3710616.42	50.58948	(17041920)	437526.25	3710593.72	51.10544	(18022318)
437534.07	3710571.02	50.10034	(17012018)	437541.88			

3710548.33 39.21672 (18020519)
437589.16 3710564.60 34.39293 (20020818) 437620.81
3710626.27 44.69000 (18122507)
437723.18 3710636.11 13.61324 (18121016) 437770.46
3710652.39 11.46539 (17012017)
437778.27 3710629.69 11.97991 (18121016) 437872.82
3710662.24 9.20223 (17012017)
438345.60 3710824.97 21.41452 (18112919) 438432.34
3710880.21 19.88363 (18031719)
438440.16 3710857.51 18.53964 (18082322) 438511.27
3710958.15 17.87174 (18042623)
438519.09 3710935.45 16.68949 (19010718) 438526.90
3710912.76 16.04134 (17052903)
438534.71 3710890.06 15.50492 (20052320) 438605.83
3710990.70 18.01762 (18042404)
438613.64 3710968.00 18.36320 (17081721) 438621.46
3710945.30 17.45121 (18031719)
438629.27 3710922.61 16.03471 (18082322) 438692.57
3711045.94 15.87848 (20092419)
438700.39 3711023.24 15.80956 (21042520) 438708.20
3711000.55 16.45256 (18122417)
438716.01 3710977.85 16.20563 (19010718) 438723.82
3710955.15 15.36606 (19010718)
437354.00 3710454.83 72.30823 (18012018) 437343.58
3710413.15 71.27260 (17012019)
437401.68 3710461.64 60.63370 (17012020) 437397.29
3710421.87 60.79822 (19021721)
437450.09 3710451.88 38.61196 (21122603) 437445.80
3710409.74 42.43876 (17012019)
437498.70 3710437.39 24.52469 (21012518) 437497.06
3710475.25 24.70995 (19060218)
437494.31 3710397.61 24.94010 (20101417) 437547.15
3710426.61 20.18723 (21122408)
437545.39 3710467.18 20.30230 (19060218) 437543.64
3710507.75 19.99546 (19060218)
437542.82 3710385.49 19.94410 (21012519) 437595.61
3710415.50 17.48029 (17042018)
437593.77 3710458.10 16.93443 (21012518) 437591.92
3710500.70 16.63877 (19060218)
437591.32 3710373.36 17.01086 (20101417) 437644.18
3710401.95 14.62541 (17042018)
437642.46 3710441.71 14.76479 (20101417) 437640.74
3710481.47 14.18436 (19060218)
437639.02 3710521.23 14.03182 (19050518) 437637.29
3710560.99 14.35481 (19040418)
437639.83 3710361.23 14.36433 (20101417) 437692.65
3710390.60 12.57779 (20101417)
437690.86 3710431.91 12.79185 (21012507) 437689.08
3710473.22 12.02264 (20101417)
437687.29 3710514.53 11.48114 (19060218) 437685.50

3710555.84   11.48697 (20020517)
        437688.34   3710349.11   12.29531 (20101417)   437741.13
3710379.12   10.96960 (21012517)
        437739.29   3710421.72   10.91595 (19020517)   437737.44
3710464.32   10.39833 (21012507)
        437735.60   3710506.92   9.90159 (19060218)   437733.76
3710549.52   9.89743 (21122408)
        437736.84   3710336.98   10.78418 (18121016)   437789.68
3710365.98   9.89175 (21012517)
        437787.93   3710406.55   9.69181 (21012517)   437786.17
3710447.12   9.25950 (21012518)
        437784.41   3710487.69   8.77839 (19060218)   437782.66
3710528.26   8.29917 (19050518)
        437780.90   3710568.83   8.88797 (17012017)   437785.35
3710324.85   9.34278 (19021722)
        437886.65   3710342.74   7.62118 (19123016)   437884.81
3710385.34   7.65173 (21012519)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437882.97   3710427.94   7.51315 (21012517)   437881.12
3710470.54   6.79433 (19060218)
        437879.28   3710513.14   6.40986 (21021017)   437877.43
3710555.74   6.62837 (17012017)

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        437875.59   3710598.34        7.74095  (17012017)              437882.37
3710300.60        7.46103  (17042018)
        437983.68   3710318.11        5.86063  (20101417)              437981.87
3710359.96        6.34833  (21012519)
        437980.06   3710401.82        6.18010  (21012518)              437978.25
3710443.67        5.71425  (21012507)
        437976.44   3710485.52        8.12972  (21121417)              437974.63
3710527.37        7.97099  (19021719)
        437972.81   3710569.23        5.30225  (20120708)              437971.00
3710611.08        6.27879  (19040618)
        437979.38   3710276.35       18.67740  (20110821)              438080.71
3710293.59       25.44311  (17041419)
        438078.92   3710334.89       23.53119  (21012006)              438077.13
3710376.20       13.49968  (20110818)
        438075.35   3710417.51        4.89594  (21012507)              438073.56
3710458.82        4.35095  (21012507)
        438071.77   3710500.13        4.27929  (17111808)              438069.98
3710541.44        4.30851  (17111808)
        438068.19   3710582.75        4.42794  (20020517)              438076.39
3710252.09       24.78133  (19121317)
        438177.70   3710269.98       22.95601  (20051220)              438175.85
3710312.58       21.72999  (18041601)
        438174.01   3710355.18       21.92004  (18022304)              438172.16
3710397.78       23.71272  (21060920)
        438170.32   3710440.38       23.04189  (18031507)              438168.48
3710482.98       21.31511  (21121417)
        438166.63   3710525.58       21.35437  (17041319)              438164.79
3710568.18       21.23404  (17041319)
        438173.41   3710227.84       23.61693  (19012106)              438274.72
3710245.46       20.88287  (21120817)
        438272.90   3710287.54       21.41571  (17051120)              438271.08
3710329.61       22.17887  (19101218)
        438269.26   3710371.68       21.83667  (19070606)              438267.44
3710413.76       20.92393  (18031507)
        438265.62   3710455.83       19.83820  (17092423)              438263.79
3710497.90       19.57235  (17021821)
        438261.97   3710539.98       19.49677  (18122503)              438270.42
3710203.58       20.84258  (18022419)
        438371.75   3710221.00       20.16804  (18042222)              438369.94
3710262.65       20.32416  (21110918)
        438368.14   3710304.30       20.63677  (19101218)              438366.34
3710345.96       20.70510  (20051221)
        438364.53   3710387.61       20.44211  (18031507)              438362.73
3710429.26       20.23206  (21060920)
        438360.93   3710470.92       20.84666  (18122504)              438359.12
3710512.57       21.21937  (19022103)
        438367.44   3710179.33       19.86235  (17012019)              438468.74
3710197.22       19.03842  (19052004)
        438466.89   3710239.82       19.05176  (17032022)              438465.05
3710282.42       19.31678  (19101218)
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        438463.21   3710325.02       19.09697  (17051719)                438461.36
3710367.62       18.06805  (21040303)
        438459.52   3710410.22       16.90091  (21020919)                438457.67
3710452.82       16.37274  (17081803)
        438455.83   3710495.42       17.08395  (20051119)                438464.45
3710155.08       18.19702  (19012106)
        438565.76   3710172.76       16.62455  (19040519)                438563.94
3710214.95       17.84458  (18041601)
        438562.11   3710257.15       17.99308  (21060123)                438560.28
3710299.34       17.47079  (17080201)
        438558.46   3710341.54       17.68364  (20062006)                438556.63
3710383.73       17.67579  (17021821)
        438554.80   3710425.92       16.69445  (17092423)                438552.98
3710468.12       15.45827  (18122504)
        438536.54   3710847.87       15.27190  (20040803)                438561.47
3710130.82       15.22694  (21070922)
        438662.78   3710148.34       14.12695  (18112217)                438660.97
3710190.19       15.15563  (17062002)
        438659.16   3710232.04       16.42771  (18071401)                438657.35
3710273.89       16.21501  (19052701)
        438655.54   3710315.75       15.16124  (17012303)                438653.73
3710357.60       14.80327  (20051819)
        438651.91   3710399.45       15.34709  (17092423)                438650.10
3710441.30       14.88625  (20062006)
        438631.99   3710859.83       14.49507  (17091321)                438658.48
3710106.57       14.39103  (21070922)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 541
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	13.18684	(19052004)	438757.94	3710167.06	13.02946	(17062002)
438756.09	3710209.66	13.63444	(18071401)	438754.25	3710252.26	14.44742	(19012024)
438752.41	3710294.86	14.76455	(17012303)	438750.56	3710337.46	14.08469	(18071902)
438748.72	3710380.05	13.49556	(17092423)	438746.87	3710422.65	13.32494	(17081803)
438728.43	3710848.65	14.71035	(19071920)	438726.59	3710891.25	13.83429	(18112919)
438755.49	3710082.32	13.30368	(20051220)	437346.05	3710385.82	67.38326	(19012105)
437396.03	3710387.04	59.58097	(20122918)	437446.52	3710367.92	43.79044	(19012103)
437496.50	3710369.14	23.31472	(21020617)	437995.36	3710422.03	5.82161	(21012507)
437996.35	3710381.35	5.83327	(21012519)	438094.83	3710444.81	4.32609	(21012507)
438095.82	3710404.13	12.96983	(19021719)	438194.80	3710447.25	23.54997	(17021821)
438195.80	3710406.57	22.81515	(18051006)	438294.77	3710449.69	21.37977	(18120117)
438295.77	3710409.01	21.63906	(17080201)	438394.74	3710452.13	20.38116	(19051924)
438395.74	3710411.45	20.07349	(19012023)	438494.71	3710454.57	15.33841	(20062303)
438495.71	3710413.89	16.38285	(21020919)	438594.68	3710457.01	15.46288	(18070122)
438595.68	3710416.33	16.60623	(17092423)	438694.65	3710459.46	13.86678	(17021821)
438695.65	3710418.78	14.36618	(19020618)	438794.62	3710461.90	12.79736	(18122504)
438795.62	3710421.22	12.58251	(17081803)	437341.85	3710350.28	55.80912	(18041718)
437325.75	3710319.20	62.43510	(19012717)	437302.93	3710287.45	62.88019	(19122116)
437382.46	3710321.10	53.61504	(21121117)	437391.84	3710351.50	57.77259	(21120317)
437366.35	3710290.02	47.60243	(19122116)	437343.53	3710258.27	47.40482	(19122116)
437424.00	3710294.96	47.20636	(20120417)	437435.26	3710331.44	46.59494	(19021722)
437406.96	3710260.84	37.70757	(19012717)	437384.14	3710229.09	37.15330	(19040118)
437464.33	3710264.91	38.46518	(21012520)	437475.05			

3710299.66   33.69547 (21012507)
        437485.78   3710334.40   25.49995 (18041718)   437447.56
3710231.67   35.21285 (20120217)
        437424.74   3710199.91   30.94394 (18040818)   437504.78
3710235.25   28.74532 (20121517)
        437515.21   3710269.03   22.29490 (21122216)   437525.64
3710302.81   21.54812 (17042018)
        437536.06   3710336.58   20.17185 (21020617)   437488.16
3710202.49   32.36149 (18022518)
        437465.34   3710170.73   26.10130 (18040818)   437545.80
3710207.42   20.14682 (21122216)
        437557.06   3710243.90   18.85589 (21122216)   437568.32
3710280.38   18.11150 (17042018)
        437579.58   3710316.86   17.15121 (21012507)   437528.76
3710173.31   24.94258 (20120217)
        437505.94   3710141.55   22.33644 (18040818)   437586.25
3710177.74   17.12746 (19012817)
        437597.20   3710213.20   16.32228 (21122216)   437608.14
3710248.67   15.10518 (17042018)
        437619.09   3710284.14   14.97408 (21012507)   437630.04
3710319.60   13.95876 (19021722)
        437569.37   3710144.13   17.90889 (17101217)   437546.55
3710112.37   18.85436 (20090918)
        437626.74   3710148.20   14.71449 (19012817)   437637.46
3710182.94   14.23562 (21122216)
        437648.19   3710217.68   12.74121 (17042018)   437658.91
3710252.42   13.17332 (21012507)
        437669.63   3710287.17   12.51834 (19021722)   437680.36
3710321.91   12.27348 (19021722)
        437609.97   3710114.95   15.45922 (21122216)   437587.15
3710083.19   16.00116 (19012717)
        437667.61   3710119.88   12.78231 (19012817)   437678.87
3710156.36   12.04692 (19101917)
        437690.13   3710192.84   11.30269 (21012519)   437701.39
3710229.32   11.47990 (20041418)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964

, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437712.65   3710265.80   10.79010 (19012817)   437723.91
3710302.28   11.04994 (19021722)
        437650.57   3710085.77   13.48580 (18040818)   437627.75
3710054.01   14.10429 (21020617)
        437708.10   3710090.35   11.17294 (19012817)   437719.14
3710126.11   10.37928 (19101917)
        437730.18   3710161.88   10.10383 (21012519)   437741.22
3710197.64   10.19053 (21020617)
        437752.26   3710233.41   9.66616 (19012817)   437763.30
3710269.17   10.10241 (19020617)
        437774.33   3710304.94   9.76054 (19021722)   437691.17
3710056.59   11.68130 (18040818)
        437668.35   3710024.83   12.46712 (17101217)   437789.42
3710032.35   8.76158 (19012817)
        437800.68   3710068.83   7.99197 (19020617)   437811.94
3710105.31   8.32305 (21012519)
        437823.20   3710141.79   7.98330 (17042018)   437834.46
3710178.27   7.66547 (19012817)
        437845.71   3710214.75   8.11896 (21122408)   437856.97
3710251.23   8.09591 (21012517)
        437772.38   3709998.23   9.02572 (18040818)   437749.56
3709966.48   9.87118 (17101217)
        437870.70   3709974.25   7.07252 (19012817)   437882.13
3710011.26   11.44610 (21012520)
        437893.55   3710048.27   11.16039 (21012506)   437904.97
3710085.28   11.56260 (19021020)
        437916.39   3710122.29   16.52592 (21012519)   437927.82
3710159.30   19.67954 (21051319)
        437939.24   3710196.30   20.06438 (21120217)   437950.66
3710233.31   19.26910 (18122505)
        437853.58   3709939.87   7.27001 (21040418)   437830.76
3709908.12   7.91744 (17101217)
        437951.76   3709915.40   11.64694 (21120317)   437962.88
3709951.43   12.48171 (18021918)
        437974.00   3709987.46   12.52635 (21012520)   437985.12
3710023.49   14.24063 (21012505)

```
        437996.24   3710059.52       16.56131  (19012105)                438007.36
3710095.55       17.77573  (21051319)
        438018.48   3710131.58       21.73868  (21120119)                438029.60
3710167.61       25.06998  (19021619)
        438040.72   3710203.64       26.27332  (18030221)                438051.84
3710239.67       26.32976  (21061019)
        438062.96   3710275.70       25.87740  (20051220)                437934.79
3709881.51        6.13192  (21040418)
        437911.97   3709849.76        6.47785  (18040818)                438033.03
3709857.27       10.69399  (20121517)
        438044.29   3709893.75       12.46944  (21010417)                438055.55
3709930.23       15.90668  (17012024)
        438066.81   3709966.71       20.38236  (21021119)                438078.07
3710003.19       21.65331  (18120201)
        438089.33   3710039.67       22.38178  (17091322)                438100.59
3710076.15       23.31460  (19021619)
        438111.85   3710112.63       24.76057  (18052520)                438123.11
3710149.11       24.18299  (17082403)
        438134.37   3710185.59       23.97153  (17020718)                438145.63
3710222.07       23.98341  (19050519)
        438156.88   3710258.55       23.15070  (20051120)                438015.99
3709823.15        6.59199  (21020218)
        437993.17   3709791.40        5.49532  (21040418)                438114.29
3709799.09       10.17404  (21010417)
        438125.67   3709835.94       11.56306  (21010417)                438137.04
3709872.79       12.35246  (20120417)
        438148.41   3709909.64       13.48835  (19012103)                438159.79
3709946.49       15.31026  (21121617)
        438171.16   3709983.34       17.71151  (21031522)                438182.53
3710020.19       18.66737  (20032521)
        438193.91   3710057.03       19.43687  (19012118)                438205.28
3710093.88       20.06378  (20090920)
        438216.65   3710130.73       20.27378  (19051901)                438228.02
3710167.58       20.89114  (19032719)
        438239.40   3710204.43       21.36616  (18022419)                438250.77
3710241.28       21.59155  (21121419)
        438284.89   3710351.82       22.10297  (21012006)                438097.20
3709764.79        9.42954  (21121117)
        438074.38   3709733.04        7.27336  (21121717)                438195.55
3709740.89       11.83346  (21012520)
        438207.01   3709778.04       14.39270  (21120419)                438218.48
3709815.20       15.93998  (21022618)
        438229.95   3709852.36       15.47482  (21031522)                438241.42
3709889.51       16.07324  (18021907)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	18.50886	(17091322)	438264.35	3709963.82	19.77559	(20032521)
438275.82	3710000.98	20.20952	(20032521)	438287.29	3710038.13	19.81834	(20090920)
438298.76	3710075.29	20.30257	(21013018)	438310.22	3710112.44	20.58046	(21110618)
438321.69	3710149.60	20.13556	(17012019)	438333.16	3710186.76	20.07653	(18022419)
438344.63	3710223.91	20.28479	(20051220)	438390.50	3710372.53	20.24907	(17032620)
438178.40	3709706.43	9.17024	(21020218)	438155.58	3709674.68	8.74999	(21021918)
438276.65	3709682.19	13.07255	(21121117)	438287.91	3709718.67	17.61249	(21120419)
438299.17	3709755.15	19.06075	(19120621)	438310.43	3709791.63	19.23939	(21113017)
438321.68	3709828.11	19.24285	(17041119)	438332.94	3709864.59	18.97579	(20012118)
438344.20	3709901.07	18.49228	(17090823)	438355.46	3709937.55	17.97142	(21091802)
438366.72	3709974.03	17.68433	(21101718)	438377.98	3710010.51	17.86151	(17010923)
438389.24	3710046.99	17.55657	(18092224)	438400.50	3710083.47	17.80025	(19012106)
438411.76	3710119.95	18.83226	(21061019)	438423.02	3710156.43	19.38619	(18112217)
438434.28	3710192.91	19.43691	(19121317)	438445.54			

3710229.39 19.33890 (18042222)
438484.94 3710357.07 18.46691 (21040303) 438259.61
3709648.07 9.64770 (21120319)
438236.79 3709616.32 9.34728 (20120217) 438357.90
3709623.97 12.45512 (19120621)
438369.24 3709660.74 12.18176 (21120419) 438380.59
3709697.50 13.50649 (21022618)
438391.94 3709734.26 15.68206 (21120517) 438403.28
3709771.03 16.90473 (17030619)
438414.63 3709807.79 17.96429 (20030319) 438425.97
3709844.55 17.76202 (17090823)
438437.32 3709881.31 17.18728 (20092119) 438448.67
3709918.08 15.81393 (21092707)
438460.01 3709954.84 15.44637 (21110919) 438471.36
3709991.60 15.43666 (19032918)
438482.71 3710028.37 15.75565 (21061019) 438494.05
3710065.13 15.97527 (19072920)
438505.40 3710101.89 15.77294 (21100819) 438516.75
3710138.65 16.20049 (21070922)
438528.09 3710175.42 17.60657 (21081321) 438539.44
3710212.18 18.19921 (18042222)
438573.48 3710322.47 17.11610 (17012303) 438584.83
3710359.23 16.98017 (19073121)
438340.81 3709589.72 12.23968 (21120317) 438317.99
3709557.96 11.50539 (19121117)
438439.14 3709565.74 15.57875 (21090721) 438450.56
3709602.75 16.00779 (17021823)
438461.98 3709639.76 16.45499 (19021603) 438473.41
3709676.76 15.32470 (20021021)
438484.83 3709713.77 14.36221 (20021021) 438496.25
3709750.78 14.72624 (21031522)
438507.67 3709787.79 15.32114 (19012103) 438519.10
3709824.80 16.55188 (17012020)
438530.52 3709861.81 17.33081 (20032521) 438541.94
3709898.82 17.78871 (18052520)
438553.36 3709935.83 17.65359 (19040520) 438564.79
3709972.83 17.51462 (17082403)
438576.21 3710009.84 17.28404 (17041621) 438587.63
3710046.85 16.62642 (20032420)
438599.05 3710083.86 14.95194 (21081321) 438610.47
3710120.87 14.46812 (20051120)
438621.90 3710157.88 14.84904 (18112217) 438633.32
3710194.89 16.00108 (17011819)
438679.01 3710342.92 14.41088 (18021618) 438690.43
3710379.93 14.35239 (17021821)
438422.02 3709531.36 15.21681 (21021218) 438399.20
3709499.60 15.33026 (20090121)
438520.38 3709507.49 15.44925 (21111518) 438531.87
3709544.71 15.33864 (17021823)
438543.35 3709581.94 15.60545 (19032720) 438554.84

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438589.31   3709730.83   16.13668 (17110218)   438600.80
3709768.06   16.37325 (19011217)
        438612.29   3709805.28   16.28692 (20032521)   438623.78
3709842.51   15.68435 (19093018)
        438635.27   3709879.73   15.83533 (20090920)   438646.76
3709916.96   16.28405 (21040919)
        438658.24   3709954.18   16.48912 (21110618)   438669.73
3709991.41   16.17132 (18022418)
        438681.22   3710028.63   16.05665 (21061019)   438692.71
3710065.86   15.40728 (18022419)
        438704.20   3710103.08   14.52714 (21092603)   438715.69
3710140.30   13.63734 (18112217)
        438727.18   3710177.53   13.49945 (17011819)   438773.13
3710326.43   14.22145 (17080201)
        438784.62   3710363.65   13.43768 (18071902)   438503.22
3709473.00   15.52620 (18052505)
        438480.40   3709441.24   15.59160 (20102321)   437273.32
3710263.86   59.96610 (19101917)

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        437239.83   3710241.54       52.91759  (19021117)                437317.80
3710233.42       47.11879  (20041418)
        437284.31   3710211.10       42.90676  (19021117)                437250.82
3710188.77       37.82395  (17020317)
        437358.40   3710204.24       41.31991  (18020117)                437328.79
3710180.66       34.18902  (17010316)
        437295.30   3710158.33       33.05928  (19101817)                437386.13
3710162.64       32.46627  (20041418)
        437356.52   3710139.05       27.23379  (17010316)                437323.03
3710116.73       27.44042  (19101817)
        437413.87   3710121.04       25.92965  (20041418)                437439.60
3710145.88       26.43564  (20020717)
        437384.25   3710097.45       23.05545  (17040418)                437350.76
3710075.13       23.15281  (19101817)
        437441.60   3710079.43       21.14050  (17040418)                437467.34
3710104.28       22.89851  (20020717)
        437411.99   3710055.85       19.45239  (18120916)                437378.50
3710033.52       19.77672  (19101817)
        437469.33   3710037.83       18.26188  (17040418)                437495.07
3710062.68       20.05295  (20020717)
        437520.81   3710087.53       17.98573  (19040118)                437439.72
3710014.24       16.23120  (20101117)
        437406.23   3709991.92       17.06010  (19101817)                437497.07
3709996.23       15.79016  (18020117)
        437522.81   3710021.07       17.75205  (20020717)                437548.54
3710045.92       15.59183  (17101217)
        437467.45   3709972.64       14.18266  (20101117)                437433.96
3709950.31       14.82687  (17010316)
        437526.41   3709956.18       13.81432  (18020117)                437555.36
3709984.13       15.44370  (20020717)
        437584.32   3710012.08       13.92652  (17101217)                437495.19
3709931.04       12.51293  (20101117)
        437461.70   3709908.71       12.75108  (17010316)                437553.96
3709914.40       12.02187  (18020117)
        437582.56   3709942.01       13.91292  (20020717)                437611.16
3709969.62       12.23373  (17101217)
        437639.76   3709997.23       12.85234  (19040118)                437522.92
3709889.43       11.12445  (20101117)
        437489.43   3709867.11       11.15165  (19021117)                437609.17
3709830.94        9.32609  (18020117)
        437637.25   3709858.05       10.80210  (20041418)                437665.33
3709885.16        9.68499  (20020717)
        437693.40   3709912.26       10.31417  (17101217)                437721.48
3709939.37        9.99375  (19012717)
        437578.39   3709806.23        8.96258  (20101117)                437544.90
3709783.90        8.73559  (18120916)
        437664.46   3709747.56        7.54206  (20101117)                437692.18
3709774.32        8.58224  (17040418)
        437719.89   3709801.08        8.21714  (20020717)                437747.61
3709827.84        8.36539  (17101217)
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437655.83   3709617.49   5.94842 (19033118)   437776.01
3709581.74   5.32468 (20101117)
        437804.97   3709609.70   6.02161 (18020117)   437833.92
3709637.65   5.84442 (17040418)
        437862.88   3709665.61   5.78307 (17101217)   437891.83
3709693.56   5.85234 (18041718)
        437920.79   3709721.51   5.77716 (19122116)   437949.74
3709749.47   6.09389 (17101217)
        437744.79   3709556.61   5.24448 (20101117)   437711.30

3709534.28 5.04782 (19033118)
437831.30 3709498.36 4.56422 (20101117) 437859.90
3709525.97 5.02418 (18020117)
437888.50 3709553.58 5.11759 (17040418) 437917.09
3709581.19 4.97666 (20041518)
437945.69 3709608.80 5.21964 (17101217) 437974.29
3709636.41 5.07976 (19122116)
438002.88 3709664.02 4.98051 (19122116) 438031.48
3709691.63 5.16721 (17101217)
437800.26 3709473.40 4.60969 (21011417) 437766.77
3709451.07 4.33140 (19033118)
437886.62 3709415.02 3.96538 (21011417) 437914.94
3709442.35 4.23866 (18020117)
437943.25 3709469.69 4.53181 (17040418) 437971.56
3709497.02 4.34724 (20041518)
437999.87 3709524.35 4.44364 (17101217) 438028.18
3709551.68 4.48883 (19122116)
438056.49 3709579.02 4.47000 (19122116) 438084.80
3709606.35 6.19692 (21122604)
438113.12 3709633.68 8.63525 (20121917) 437855.72
3709390.19 4.04349 (20082918)
437822.23 3709367.87 3.78860 (17120117) 437941.97
3709331.70 3.60186 (21011417)
437970.05 3709358.81 3.60976 (18020117) 437998.13
3709385.91 3.85906 (20041418)
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3709440.13 3.89692 (20041518)
438082.36 3709467.23 3.99718 (19122116) 438110.44
3709494.34 3.84617 (19040118)
438138.52 3709521.45 6.43928 (18021207) 438166.59
3709548.55 7.94976 (18022518)
438194.67 3709575.66 8.82345 (19010417) 437911.19
3709306.98 3.49372 (20082918)
437877.70 3709284.66 3.47485 (17120117) 437997.34
3709248.40 3.23580 (19101917)
438025.23 3709275.32 3.13786 (21011417) 438053.11
3709302.24 3.29634 (20041518)
438080.99 3709329.15 3.37489 (18040818) 438108.87
3709356.07 3.48868 (20041518)
438136.76 3709382.99 3.58007 (17101217) 438164.64
3709409.91 3.46017 (19012717)
438192.52 3709436.83 5.86713 (21021918) 438220.40
3709463.75 7.11935 (21122604)
438248.29 3709490.67 8.13822 (20121517) 438276.17
3709517.58 9.00140 (19010417)
437966.66 3709223.78 3.07848 (17120117) 437933.17
3709201.45 3.15060 (17120117)
438053.28 3709165.65 2.84448 (19101917) 438082.11
3709193.48 2.86143 (21011417)
438110.94 3709221.31 2.96196 (20041518) 438139.76

3709249.14   3.21964 (17012023)
        438168.59   3709276.97   3.12272 (19122116)   438197.41
3709304.80   3.14475 (17101217)
        438226.24   3709332.63   3.08534 (19012717)   438255.07
3709360.46   5.50225 (18021919)
        438283.89   3709388.28   6.87664 (18121817)   438312.72
3709416.11   8.16022 (20121917)
        438341.55   3709443.94   12.47931 (19093019)   438370.37
3709471.77   15.38587 (17091521)
        438022.13   3709140.57   2.80620 (17120117)   437988.64
3709118.25   2.86674 (20082918)
        438108.64   3709082.33   2.56234 (17012023)   438137.23
3709109.94   2.62795 (21011417)
        438165.83   3709137.55   2.67317 (20041518)   438194.43
3709165.16   2.75096 (17040418)
        438223.03   3709192.77   2.82184 (18040818)   438251.62
3709220.37   2.72913 (17101217)
        438280.22   3709247.98   2.73270 (18041718)   438308.82
3709275.59   2.73000 (18040418)
        438337.42   3709303.20   6.27511 (18022701)   438366.01
3709330.81   12.00695 (20112020)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        438394.61   3709358.42       15.28311  (18091220)               438423.21
3709386.03       15.92322  (17091304)
        438451.80   3709413.64       15.84441  (18030419)               438077.59
3709057.36        2.56615  (17120117)
        438044.10   3709035.04        2.57165  (17020419)               437216.54
3710215.91       42.06005  (18102017)
        437560.19   3710008.56       14.74737  (18040818)               437925.03
3709745.14        5.84328  (21020617)
        438006.11   3709686.60        5.30237  (21020617)               437280.77
3710233.20       47.94750  (19012717)
        437322.73   3710276.31       55.44332  (19122116)               437378.59
3710253.95       41.12459  (19122116)
        437430.98   3710247.96       38.11388  (20120217)               437616.20
3710338.58       14.70680  (20101417)
        437665.11   3710348.96       13.10806  (20101417)               437762.93
3710369.71       10.46726  (21012517)
        437860.76   3710390.47        8.06350  (21012519)               437867.70
3710357.73        8.42721  (21012519)
        437958.58   3710411.22        6.49998  (19020517)               437965.53
3710378.48        6.33195  (21012519)
        438056.40   3710431.98        4.90994  (21012507)               437265.29
3710160.30       32.35692  (19101817)
        437512.30   3710332.18       22.35309  (21012518)               437555.45
3710357.43       18.38905  (20101417)
        437567.36   3710337.09       17.66155  (20041418)               437617.94
3710448.63       15.91340  (21012518)
        437704.25   3710499.15       11.14727  (19060218)               437716.15
3710478.80       11.02382  (19040518)
        437814.36   3710508.97        7.66688  (19060218)               437826.27
3710488.63        7.71530  (19060218)
        437888.76   3710579.83        7.00315  (19040618)               437900.67
3710559.49        6.23273  (21122408)
        437912.58   3710539.14        5.88191  (17111808)               437998.88
3710589.66       11.27034  (21030818)
        438073.28   3710660.51        5.10845  (20020517)               438085.18
3710640.17        8.36429  (18031405)
        437259.86   3710108.07       24.02488  (18110708)               437229.34
3710080.35       20.75019  (19123021)
        437209.69   3710067.85       20.51279  (19041718)               437190.05
3710055.35       20.53240  (19041718)
        437170.40   3710042.85       19.44416  (20020421)               437150.75
3710030.35       19.08642  (20020421)
        437286.71   3710065.89       20.29139  (20090918)               437308.46
3710096.32       24.84494  (20082918)
        437256.18   3710038.17       17.59989  (18021922)               437236.54
3710025.67       17.05988  (18021922)
        437216.89   3710013.17       17.18023  (19123021)               437197.24
3710000.67       16.56785  (19041718)
        437177.60   3709988.16       16.08735  (19041718)               437315.72
3710026.75       18.58829  (20033118)
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        437358.13   3710166.40       31.44763  (18020117)               437283.03
3709995.99       15.40690  (18110708)
        437263.38   3709983.49       15.01808  (19123021)               437243.73
3709970.98       14.60387  (18021922)
        437224.09   3709958.48       14.77667  (19123021)               437204.44
3709945.98       14.07918  (19123021)
        437341.95   3709983.70       15.92187  (21020117)               437407.20
3710151.47       31.62979  (20020717)
        437400.97   3710193.77       32.89349  (20020717)               437309.87
3709953.81       13.38423  (17123120)
        437290.22   3709941.30       13.16629  (18110708)               437270.58
3709928.80       12.54916  (18120916)
        437250.93   3709916.30       12.69132  (18021922)               437231.29
3709903.80       12.78887  (19123021)
        437368.45   3709941.03       13.87627  (20082918)               437440.96
3710042.47       18.94727  (17040418)
        437336.71   3709911.62       11.87535  (17123120)               437317.07
3709899.12       11.80889  (17022717)
        437297.42   3709886.62       11.39224  (18110708)               437277.77
3709874.12       11.01915  (18020318)
        437258.13   3709861.61       11.16404  (18021922)               437396.26
3709900.20       12.46469  (19021117)
        437474.58   3710009.75       16.31968  (20082918)               437507.20
3710108.94       19.67972  (19040118)
        437497.39   3710175.55       23.51772  (20090918)               437363.56
3709869.44       10.58512  (17123120)
        437343.91   3709856.94       10.44829  (17022120)               437324.26
3709844.44       10.42216  (17022717)
        437304.62   3709831.93        9.93984  (18020318)               437284.97
3709819.43        9.82105  (18020318)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 547
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	11.17717	(19021117)	437498.88	3709964.02	14.37417	(20082918)
437559.16	3710074.36	16.97806	(19040118)	437533.74	3710247.07	20.88907	(21122216)
437390.40	3709827.26	9.68517	(17021020)	437370.75	3709814.75	9.33285	(17021020)
437351.11	3709802.25	9.36600	(18102017)	437331.46	3709789.75	8.96700	(18020318)
437311.82	3709777.25	8.86052	(18021921)	437450.28	3709816.30	10.11212	(20020717)
437463.67	3709835.03	10.67142	(19021117)	437530.61	3709928.66	12.51667	(20082918)
437594.17	3710154.89	16.19285	(18040818)	437580.77	3710245.99	16.79525	(18020117)
437436.89	3709797.58	9.46430	(18090307)	437417.24	3709785.07	8.91999	(17021020)
437397.60	3709772.57	8.65138	(17123120)	437377.95	3709760.07	8.36227	(20021019)
437358.31	3709747.57	8.25710	(17010316)	437338.66	3709735.07	8.10605	(18021921)
437476.79	3709773.65	9.14663	(19021117)	437502.89	3709810.17	9.99179	(17010316)
437529.00	3709846.68	9.91783	(19021117)	437555.11	3709883.20	11.19138	(20082918)
437656.26	3710051.47	13.05076	(17101217)	437444.09	3709742.89	8.23636	(17021020)
437424.44	3709730.39	7.86736	(20013118)	437404.80	3709717.89	7.72151	(18021922)
437385.15	3709705.38	7.60287	(18102017)	437365.50	3709692.88	7.40667	(18020318)
437503.38	3709731.11	8.30139	(19021117)	437528.97	3709766.91	8.83218	(17010316)
437580.16	3709838.51	10.04960	(20082918)	437605.75	3709874.31	11.14349	(17040418)
437631.35	3709910.11	11.18652	(20033118)	437656.94	3709945.91	11.35660	(17101217)
437682.54	3709981.71	11.34150	(19012717)	437692.11	3710126.37	12.13447	(21122216)
437679.29	3710213.44	12.00405	(21012519)	437470.93	3709700.71	7.62282	(17021020)
437451.29	3709688.21	7.29520	(20013118)	437431.64			

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3709675.70        7.19060  (19101817)
        437411.99   3709663.20        7.01474  (17021020)                437392.35
3709650.70        6.76072  (18021921)
        437557.32   3709647.10        6.91830  (19021117)                437583.43
3709683.62        7.15085  (18120916)
        437635.64   3709756.65        8.12142  (20082918)                437661.74
3709793.17        9.02081  (18020117)
        437687.85   3709829.69        9.07947  (20033118)                437713.96
3709866.20        9.20281  (17101217)
        437740.06   3709902.72        9.58939  (19012717)                437766.17
3709939.24        9.43435  (17101217)
        437792.28   3709975.75        8.59398  (18040818)                437788.99
3710105.04        8.46366  (21122216)
        437782.45   3710149.45        9.09475  (21012507)                437775.92
3710193.86        9.38437  (19012817)
        437524.62   3709616.34        6.52582  (20082918)                437504.97
3709603.84        6.39887  (18090307)
        437485.33   3709591.34        6.23603  (20013118)                437465.68
3709578.84        6.12326  (20013118)
        437446.04   3709566.33        5.97919  (18102017)                437611.20
3709563.00        5.82830  (19021117)
        437624.44   3709581.52        5.88529  (18120916)                437637.68
3709600.05        5.97310  (19021117)
        437690.65   3709674.14        6.68813  (20082918)                437703.89
3709692.66        6.65593  (20101117)
        437717.13   3709711.18        7.30969  (18020117)                437730.38
3709729.71        7.70630  (17040418)
        437743.62   3709748.23        7.52377  (20033118)                437756.86
3709766.75        7.28251  (20041518)
        437770.10   3709785.28        7.53497  (17101217)                437783.35
3709803.80        7.87418  (17101217)
        437796.59   3709822.32        7.89444  (18041718)                437809.83
3709840.84        7.69183  (19012717)
        437823.07   3709859.37        7.81056  (21020617)                437836.32
3709877.89        7.86799  (17101217)
        437862.80   3709914.94        7.11327  (21040418)                437876.04
3709933.46        6.89810  (21040418)
        437889.29   3709951.98        6.68279  (19012817)                437899.21
3709993.03       11.23281  (17012020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***       11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17

                                PAGE 548
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                INCLUDING SOURCE(S):     L0003947    , L0003948
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, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437882.64   3710105.67        6.79252  (17042018)               437879.32
3710128.20        6.91851  (21021017)
        437876.00   3710150.72        6.87797  (19012817)               437872.69
3710173.25        7.01893  (21122408)
        437869.37   3710195.78        7.55273  (21122408)               437856.11
3710285.89        8.14476  (19021722)
        437852.80   3710308.41        8.02699  (19021722)               437849.48
3710330.94        8.02196  (20101417)
        437842.85   3710375.99        8.69906  (21012519)               437839.53
3710398.52        8.47497  (21101617)
        437836.22   3710421.05        8.64218  (21012518)               437832.90
3710443.58        8.21081  (21012517)
        437829.59   3710466.10        7.91745  (21012507)               437597.95
3709544.48        5.73899  (17021020)
        437578.31   3709531.97        5.60489  (18102017)               437558.66
3709519.47        5.51330  (20013118)
        437539.01   3709506.97        5.42283  (18090307)               437519.37
3709494.47        5.42649  (20013118)
        437499.72   3709481.97        5.32842  (18102017)               437665.03
3709478.84        4.96441  (19102017)
        437678.42   3709497.56        5.01434  (19021117)               437691.80
3709516.29        5.05405  (17040418)
        437745.36   3709591.20        5.59357  (20082918)               437758.74
3709609.92        5.61563  (20101117)
        437772.13   3709628.65        6.00825  (18020117)               437785.52
3709647.38        6.60396  (17040418)
        437798.91   3709666.10        6.42505  (17040418)               437812.30
3709684.83        6.18090  (20041518)
        437825.68   3709703.56        6.23644  (20041518)               437839.07
3709722.28        6.57344  (17101217)
        437852.46   3709741.01        6.52954  (20090918)               437865.85
3709759.74        6.62139  (19040118)
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        437879.24   3709778.46        6.37970  (19122116)               437892.62
3709797.19        6.70898  (21020617)
        437906.01   3709815.92        6.66681  (17101217)               437959.56
3709890.82        8.76633  (21012505)
        437986.34   3709928.27       13.40629  (21010417)               437996.37
3709969.78       13.72034  (21120317)
        437979.62   3710083.65       16.72595  (21120217)               437976.26
3710106.42       17.64865  (19021722)
        437972.91   3710129.20       18.27757  (21051319)               437969.56
3710151.97       19.12594  (21051319)
        437966.21   3710174.75       19.74305  (21120217)               437962.86
3710197.52       19.47955  (17012019)
        437952.80   3710265.85       17.72353  (19012103)               437949.45
3710288.62        6.24024  (20101417)
        437946.10   3710311.40        6.36828  (20101417)               437942.74
3710334.17        6.75987  (19123016)
        437939.39   3710356.94        7.07168  (21012519)               437936.04
3710379.72        6.79376  (21012519)
        437932.69   3710402.49        6.98435  (21012518)               437929.34
3710425.27        6.78375  (21012507)
        437925.98   3710448.04        6.43634  (21012507)               437922.63
3710470.82        6.06820  (21012507)
        437919.28   3710493.59        5.88749  (20120708)               437915.93
3710516.37        5.82536  (17111808)
        437651.64   3709460.11        4.94828  (17010316)               437631.99
3709447.61        4.87488  (20020717)
        437612.35   3709435.11        4.84981  (20013118)               437592.70
3709422.60        4.78081  (18021418)
        437573.06   3709410.10        4.71353  (18021418)               437553.41
3709397.60        4.68138  (19101817)
        437718.83   3709394.63        4.38736  (17021020)               437732.33
3709413.52        4.35224  (17021020)
        437745.84   3709432.41        4.36693  (19101817)               437799.85
3709507.96        4.73987  (20082918)
        437813.35   3709526.85        4.79792  (20101117)               437826.86
3709545.74        4.99947  (18020117)
        437840.36   3709564.62        5.51888  (18020117)               437853.86
3709583.51        5.57431  (17040418)
        437867.37   3709602.40        5.35516  (17040418)               437880.87
3709621.29        5.37928  (20041518)
        437894.37   3709640.18        5.52089  (17101217)               437907.88
3709659.06        5.76245  (17101217)
        437921.38   3709677.95        5.69441  (19102017)               437934.88
3709696.84        5.57074  (19122116)
        437948.39   3709715.73        5.53213  (19122116)               437975.40
3709753.50        5.76344  (17101217)
        438056.42   3709866.83       10.86216  (18021918)               438069.92
3709885.72       12.13224  (21010417)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        438083.42   3709904.61   14.07475 (21010417)   438093.54   3709946.47   19.11452 (21031522)
        438090.16   3709969.44   20.51106 (21031522)   438076.64   3710061.32   23.14802 (17091322)
        438073.26   3710084.29   24.16102 (17091322)   438069.88   3710107.26   25.02836 (19093018)
        438066.50   3710130.24   25.56966 (18052520)   438063.12   3710153.21   25.91147 (20032523)
        438059.74   3710176.18   25.86495 (21110618)   438042.83   3710291.03   26.60053 (20051220)
        438039.45   3710314.00   24.76464 (19050119)   438036.07   3710336.97   19.41767 (21121419)
        438032.69   3710359.95   5.62118 (21012519)   438029.31   3710382.92   5.38796 (21101617)
        438025.93   3710405.89   5.65444 (21012507)   438022.55   3710428.86   5.35803 (21012507)
        438019.17   3710451.83   5.04872 (21012507)   438015.78   3710474.80   7.67204 (19020517)
        438012.40   3710497.77   10.32393 (18012017)   438009.02   3710520.74   11.37736 (18050919)
        438005.64   3710543.71   12.46131 (21101617)   438002.26   3710566.68   12.49583 (19030918)
        437705.33   3709375.74   4.22602 (18021418)   437685.68

3709363.24 4.30907 (21011417)
437666.04 3709350.74 4.28761 (17022120) 437646.39
3709338.24 4.28207 (18021418)
437626.74 3709325.74 4.20711 (18102017) 437607.10
3709313.23 4.17276 (18102017)
437772.20 3709309.82 3.85894 (17021020) 437785.39
3709328.26 3.81960 (17021020)
437798.57 3709346.71 3.79962 (17120117) 437851.31
3709420.48 4.09571 (20082918)
437864.50 3709438.92 4.14225 (20101117) 437877.68
3709457.36 4.14782 (20101117)
437890.87 3709475.81 4.51053 (18020117) 437904.05
3709494.25 4.78778 (20033118)
437917.24 3709512.69 4.79274 (17040418) 437930.42
3709531.14 4.65632 (20041518)
437943.61 3709549.58 4.69848 (20041518) 437956.79
3709568.02 4.80255 (17101217)
437969.98 3709586.46 4.88533 (20090918) 437983.16
3709604.91 4.89865 (19102017)
437996.35 3709623.35 4.91603 (19122116) 438009.53
3709641.79 4.89084 (19122116)
438154.57 3709844.66 11.66956 (18021907) 438167.75
3709863.11 11.98883 (21022218)
438180.94 3709881.55 12.40703 (19012103) 438190.82
3709922.42 14.88948 (21121617)
438171.02 3710057.00 20.21771 (20032521) 438167.71
3710079.43 21.05149 (19021619)
438161.11 3710124.29 22.38183 (21013018) 438157.81
3710146.72 23.29010 (18030221)
438154.51 3710169.15 23.96959 (18030221) 438138.00
3710281.29 23.42498 (18041601)
438134.70 3710303.72 23.82119 (19121317) 438131.40
3710326.15 24.24415 (19012024)
438124.80 3710371.01 23.78838 (20051221) 438121.50
3710393.44 20.58531 (18021618)
438111.59 3710460.73 12.25924 (19021720) 438108.29
3710483.16 3.99682 (21070806)
438101.69 3710528.02 4.06925 (17111808) 438098.39
3710550.45 4.09727 (17111808)
438095.09 3710572.88 4.21162 (20120708) 438088.49
3710617.74 7.25731 (19040518)
437759.02 3709291.38 3.73491 (18021418) 437739.37
3709278.88 3.77721 (18021418)
437719.72 3709266.37 3.79853 (21011417) 437700.08
3709253.87 3.76722 (17010316)
437680.43 3709241.37 3.67269 (18102017) 437660.79
3709228.87 3.67845 (18102017)
437826.00 3709225.61 3.49647 (19101817) 437839.29
3709244.21 3.46108 (17120117)
437852.59 3709262.80 3.48896 (17120117) 437905.77

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437998.83   3709467.36   4.12700 (20041518)   438012.13
3709485.96   4.13879 (20041518)
        438025.42   3709504.56   4.35590 (17101217)   438038.72
3709523.15   4.32884 (19122116)
        438052.01   3709541.75   4.36458 (19012717)   438131.78
3709653.33   8.57448 (21010817)
        438238.14   3709802.10   17.29144 (19021603)   438251.44
3709820.70   18.24050 (20011217)
        438264.73   3709839.29   18.37867 (19021603)   438278.03
3709857.89   18.82278 (17012020)
        438287.99   3709899.10   19.88407 (21092618)   438284.66
3709921.72   20.32378 (17110218)
        438281.34   3709944.34   20.42667 (19021619)   438264.69
3710057.42   18.94815 (19051901)

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        438261.36   3710080.04       18.89886  (19021020)               438258.04
3710102.65       19.40264  (21120817)
        438254.71   3710125.27       20.02734  (18022419)               438251.38
3710147.88       20.45736  (21110618)
        438234.73   3710260.97       22.30034  (21121420)               438231.41
3710283.58       22.77380  (18041622)
        438228.08   3710306.20       22.31992  (19040519)               438224.75
3710328.82       21.62056  (17032022)
        438221.42   3710351.43       20.59425  (17011819)               438218.09
3710374.05       20.13823  (17012303)
        438201.45   3710487.13       23.90351  (18122504)               438198.12
3710509.75       24.02822  (20051119)
        438194.79   3710532.37       23.97121  (17040819)               438191.46
3710554.98       23.67404  (20022618)
        438188.13   3710577.60       24.23528  (21090924)               438184.80
3710600.21       25.00960  (20030220)
        438181.48   3710622.83       24.44813  (21042522)               438178.15
3710645.45       24.30856  (19080520)
        437812.70   3709207.01        3.40300  (18021418)               437793.06
3709194.51        3.43517  (18021418)
        437773.41   3709182.01        3.40571  (20013118)               437753.77
3709169.51        3.42421  (21011417)
        437734.12   3709157.00        3.32710  (21011417)               437714.47
3709144.50        3.25553  (18102017)
        437879.78   3709141.37        3.12355  (17120117)               437893.17
3709160.10        3.11521  (17021020)
        437906.55   3709178.83        3.16855  (17040418)               437946.72
3709235.01        3.19367  (20082918)
        437960.11   3709253.73        3.13684  (17120117)               437973.49
3709272.46        3.28089  (19101917)
        437986.88   3709291.19        3.33987  (21011417)               438000.27
3709309.91        3.29421  (20041518)
        438013.66   3709328.64        3.58844  (18020117)               438027.05
3709347.36        3.60437  (20041418)
        438040.43   3709366.09        3.59875  (20041518)               438053.82
3709384.82        3.66176  (20041518)
        438067.21   3709403.54        3.73560  (20041518)               438080.60
3709422.27        3.78507  (17101217)
        438093.99   3709441.00        3.86605  (19122116)               438107.37
3709459.72        3.90724  (18041718)
        438134.15   3709497.18        3.88048  (19040118)               438214.48
3709609.54        9.50461  (21121817)
        438321.58   3709759.35       18.84301  (21120419)               438334.97
3709778.08       18.89824  (21113017)
        438348.36   3709796.80       18.78228  (19021603)               438361.74
3709815.53       18.52824  (17080305)
        438375.13   3709834.26       18.16686  (21092624)               438385.17
3709875.76       17.07865  (17080424)
        438381.82   3709898.53       16.82738  (17101219)               438378.46
3709921.31       16.68695  (17110218)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	19.15773	(20083106)	438277.91	3710604.55	18.70614	(21072522)
438274.55	3710627.32	18.57670	(17080121)	437866.39	3709122.65	3.08649	(17120117)
437846.74	3709110.14	3.12724	(18021418)	437827.10			

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3709097.64        3.09464  (20082918)
        437807.45   3709085.14        3.10549  (17022120)                437787.81
3709072.64        3.00972  (18120916)
        437768.16   3709060.14        2.91760  (17123117)                437933.55
3709057.12        2.86300  (17021020)
        437947.01   3709075.96        2.81724  (17021020)                437960.48
3709094.79        2.86649  (17040418)
        438000.88   3709151.31        2.87984  (19012717)                438014.35
3709170.15        2.85880  (17120117)
        438027.82   3709188.98        2.85612  (19101917)                438041.29
3709207.82        3.04611  (21011417)
        438054.75   3709226.66        2.98921  (21011417)                438068.22
3709245.50        3.09543  (18020117)
        438081.69   3709264.34        3.12218  (20041518)                438095.16
3709283.17        3.23048  (20041518)
        438108.62   3709302.01        3.27588  (18040818)                438122.09
3709320.85        3.35554  (20041518)
        438135.56   3709339.69        3.38465  (19122116)                438149.03
3709358.53        3.43269  (17101217)
        438162.50   3709377.36        3.42419  (19102017)                438283.70
3709546.91        9.74932  (21121817)
        438310.64   3709584.58       10.93568  (21120317)                438418.38
3709735.29       13.53381  (19022023)
        438431.85   3709754.12       14.53984  (17030619)                438445.32
3709772.96       15.77042  (20021021)
        438458.78   3709791.80       16.66401  (21092618)                438472.25
3709810.64       17.27567  (17091322)
        438482.35   3709852.39       17.91031  (19021619)                438478.97
3709875.30       17.51375  (17062621)
        438475.60   3709898.21       16.77953  (21120119)                438472.23
3709921.12       16.16318  (21101718)
        438458.74   3710012.76       15.46508  (20090920)                438455.37
3710035.67       15.60318  (21061019)
        438452.00   3710058.58       15.72714  (20032420)                438448.63
3710081.49       16.14328  (19072920)
        438445.26   3710104.40       16.90544  (20032420)                438441.88
3710127.31       18.03875  (21100819)
        438425.02   3710241.86       19.50752  (18112217)                438421.65
3710264.77       19.53501  (19040519)
        438418.28   3710287.68       19.91049  (19101218)                438414.91
3710310.59       19.92552  (19030223)
        438411.54   3710333.50       19.71732  (17051719)                438408.16
3710356.41       19.65505  (17012303)
        438387.93   3710493.87       20.92120  (19022103)                438384.56
3710516.78       20.78170  (21021818)
        438381.19   3710539.69       21.01913  (20030220)                438377.82
3710562.60       21.14199  (17040819)
        438374.45   3710585.51       21.04008  (20030220)                438371.07
3710608.42       21.05135  (20072119)
        437920.08   3709038.28        2.80152  (18021418)                437900.43
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3709025.78   2.84622 (18021418)
        437880.79   3709013.28   2.80048 (20013118)   437861.14
3709000.77   2.80491 (17022120)
        437841.49   3708988.27   2.79358 (20033118)   437821.85
3708975.77   2.71138 (17123117)
        437987.30   3708972.85   2.60640 (17021020)   438000.84
3708991.78   2.57332 (17123117)
        438014.38   3709010.72   2.60557 (17040418)   438054.99
3709067.52   2.58800 (17020419)
        438068.52   3709086.46   2.61787 (17120117)   438082.06
3709105.39   2.62256 (17012023)
        438095.60   3709124.33   2.79289 (19101917)   438109.13
3709143.26   2.74225 (21011417)
        438122.67   3709162.19   2.73603 (17012023)   438136.21
3709181.13   2.78620 (20041518)
        438149.74   3709200.06   2.89625 (20041518)   438163.28
3709219.00   2.90451 (17040418)
        438176.82   3709237.93   3.00635 (20041518)   438190.35
3709256.87   3.06492 (19122116)
        438203.89   3709275.80   2.99331 (20090918)   438366.33
3709503.02   14.65482 (20020819)
        438379.87   3709521.95   14.35400 (17052620)   438393.40
3709540.89   14.73220 (17041420)
        438406.94   3709559.82   15.28123 (17110718)   438420.48
3709578.76   15.65834 (21120417)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438501.70	3709692.36	15.66242	(21121617)	438515.23	3709711.30	15.52848	(18120217)
438528.77	3709730.23	15.41132	(21121617)	438542.31	3709749.17	15.32338	(21062421)
438555.84	3709768.10	15.30104	(21012506)	438569.38	3709787.04	15.56785	(21012506)
438579.53	3709829.00	15.53118	(21040919)	438576.14	3709852.03	15.86113	(21091820)
438572.75	3709875.06	16.32407	(19093018)	438569.36	3709898.08	16.97914	(18052520)
438552.41	3710013.22	17.30413	(20032520)	438549.02	3710036.25	17.17106	(20032419)
438545.64	3710059.28	16.79946	(21100819)	438542.25	3710082.30	16.03195	(18030418)
438538.86	3710105.33	15.48241	(21082720)	438518.52	3710243.50	18.44926	(21072606)
438515.13	3710266.53	18.60140	(18042019)	438511.74	3710289.55	18.81324	(20051819)
438508.35	3710312.58	18.78408	(19101218)	438504.97	3710335.61	18.53920	(17012303)
438498.19	3710381.66	17.63092	(18071902)	438481.24	3710496.80	16.00058	(20051119)
438477.85	3710519.83	16.41989	(17092920)	438474.46	3710542.86	17.16263	(18122504)
438471.07	3710565.89	18.05008	(17021619)	437973.77	3708953.91	2.56922	(17123117)
437954.12	3708941.41	2.58542	(20082918)	437934.47	3708928.91	2.58302	(17120117)
437914.83	3708916.41	2.56229	(17123117)	437895.18	3708903.91	2.59440	(17022120)
437875.54	3708891.40	2.51559	(17123117)	438040.77	3708888.18	2.37296	(17123117)
438054.09	3708906.81	2.37141	(20082918)	438067.41	3708925.44	2.36871	(17040418)
438080.73	3708944.07	2.39598	(17020419)	438094.05	3708962.70	2.39616	(17020419)
438107.37	3708981.33	2.38888	(17020419)	438120.69	3708999.96	2.41265	(17120117)
438134.01	3709018.60	2.41183	(17012023)	438147.33	3709037.23	2.45447	(17012023)
438160.65	3709055.86	2.53819	(21011417)	438173.97	3709074.49	2.51746	(17012023)
438187.29	3709093.12	2.83959	(19021723)	438200.61	3709111.75	4.09360	(18021919)
438213.93	3709130.38	3.74815	(21120518)	438227.25	3709149.01	2.64462	(19122116)

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        438240.57   3709167.64        2.72966  (18040818)               438253.89
3709186.27        2.83090  (18040818)
        438280.53   3709223.54        2.77723  (19102017)               438400.40
3709391.22       15.89687  (21100219)
        438413.72   3709409.85       16.05696  (17091304)               438427.04
3709428.48       16.07672  (20052319)
        438440.36   3709447.11       16.08112  (20102321)               438453.68
3709465.74       15.90162  (19032320)
        438467.00   3709484.37       15.80772  (21072821)               438480.32
3709503.00       15.86329  (17110718)
        438493.64   3709521.63       15.76074  (21102420)               438506.96
3709540.26       15.86836  (19120621)
        438573.56   3709633.42       15.91170  (18101119)               438600.20
3709670.68       15.71097  (17021820)
        438613.52   3709689.31       15.64365  (21092621)               438626.84
3709707.94       15.72306  (21120119)
        438640.16   3709726.57       15.85178  (21051223)               438653.48
3709745.21       15.86689  (17030619)
        438666.80   3709763.84       15.93794  (21051223)               438676.78
3709805.13       15.99684  (18092519)
        438673.45   3709827.78       16.26708  (18052520)               438670.11
3709850.44       15.72887  (18052520)
        438666.78   3709873.10       15.77409  (20032523)               438663.44
3709895.76       16.12812  (19032918)
        438646.77   3710009.05       16.68478  (21120817)               438643.43
3710031.71       16.52937  (20051120)
        438640.10   3710054.37       16.03997  (21092603)               438636.76
3710077.03       15.12292  (21082720)
        438633.43   3710099.69       14.45170  (17022722)               438616.75
3710212.98       16.89583  (20051221)
        438613.42   3710235.64       17.35092  (19012024)               438610.08
3710258.29       17.31419  (21060123)
        438606.75   3710280.95       16.73172  (18011823)               438603.41
3710303.61       16.21730  (17032620)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 553
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
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L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	16.19288	(17012303)	438590.07	3710394.25	17.11668	(19012023)
438576.73	3710484.88	15.03093	(20051119)	438573.40	3710507.54	14.60486	(20022618)
438570.06	3710530.20	14.56640	(20051119)	438566.73	3710552.85	14.63594	(17032224)
438027.45	3708869.55	2.35396	(20082918)	438007.81	3708857.05	2.37804	(17123117)
437988.16	3708844.54	2.37951	(17123117)	437968.52	3708832.04	2.37324	(17120117)
437948.87	3708819.54	2.36127	(17123117)	437929.22	3708807.04	2.34089	(17123117)
437106.84	3710028.10	21.09026	(19123020)	437074.68	3710047.98	21.65938	(17021304)
437056.82	3710062.36	22.39663	(20122917)	437038.96	3710076.75	47.34882	(20121906)
437080.24	3709987.33	18.34421	(21011424)	437138.10	3709977.84	17.04000	(21021802)
437043.32	3710009.03	31.54141	(19012319)	437025.46	3710023.42	45.39999	(17120519)
437007.60	3710037.81	54.17682	(20012505)	437046.97	3709949.12	16.84630	(19021818)
437081.27	3709935.94	16.11209	(20013004)	437133.34	3709927.41	15.44577	(21021802)
437168.89	3709936.69	14.40446	(18012901)	437011.96	3709970.09	43.91224	(19012319)
436994.10	3709984.48	52.37505	(21020205)	436976.23	3709998.87	58.32752	(21013020)
437017.52	3709909.44	31.34273	(17122719)	437055.62	3709894.80	15.90875	(18012901)
437093.73	3709880.16	13.61849	(18012901)	437132.54	3709878.00	13.70181	(21021802)
437172.04	3709888.32	13.15121	(18012901)	436980.60	3709931.15	44.02491	(21121021)
436962.73	3709945.54	52.31890	(17012003)	436944.87	3709959.93	55.50294	(21020620)
436987.51	3709869.98	31.84909	(18010607)	437028.35			

3709854.29   26.24031 (20122418)
        437069.18   3709838.60   12.81218 (20013004)   437131.17
3709828.45   12.24272 (21021802)
        437173.49   3709839.50   11.90982 (18012901)   437215.81
3709850.56   10.91521 (20021019)
        436949.24   3709892.21   38.89444 (17020903)   436931.37
3709906.60   46.51509 (21120806)
        436913.51   3709920.98   50.83062 (17122620)   436954.79
3709831.56   38.62600 (20121819)
        436992.90   3709816.92   41.38135 (20121322)   437031.01
3709802.28   38.98212 (19120218)
        437069.12   3709787.64   29.68712 (18122018)   437126.98
3709778.15   11.08813 (21021802)
        437166.48   3709788.47   10.31257 (17120717)   437205.97
3709798.79   9.77111 (19123021)
        437245.47   3709809.11   10.31995 (17021304)   436917.87
3709853.27   38.48434 (20013119)
        436900.01   3709867.66   40.51064 (21120806)   436882.15
3709882.04   46.08349 (21123024)
        436924.38   3709792.25   44.32785 (21121720)   436964.40
3709776.88   43.62557 (20100222)
        437004.41   3709761.51   43.18227 (18121017)   437044.42
3709746.13   43.88517 (20020720)
        437084.44   3709730.76   41.31064 (19120518)   437125.18
3709728.49   34.31759 (19021120)
        437166.66   3709739.32   9.48597 (17120717)   437208.13
3709750.16   9.00056 (19123021)
        437249.61   3709761.00   9.11084 (19123020)   436886.51
3709814.33   43.82502 (17122319)
        436868.65   3709828.72   43.99623 (19122301)   436850.78
3709843.10   43.78456 (17022123)
        436893.80   3709753.01   40.16418 (17012003)   436935.37
3709737.04   39.21125 (21122101)
        436976.95   3709721.07   38.42729 (21091003)   437018.52
3709705.10   38.55866 (19012519)
        437060.09   3709689.12   38.26076 (17122102)   437123.21
3709678.78   40.17815 (18091721)
        437166.30   3709690.04   28.59813 (17021018)   437209.39
3709701.29   8.43884 (19123021)
        437252.48   3709712.55   8.32871 (19123020)   437295.57
3709723.81   8.19384 (18020318)
        436855.15   3709775.39   38.55329 (17022123)   436837.29
3709789.77   37.89972 (19120706)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 , L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 , L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436819.42	3709804.16	37.28250	(21010405)	436861.44	3709714.46	35.73194	(21020201)
436901.01	3709699.25	35.44536	(18122019)	436940.59	3709684.05	35.52268	(21122101)
436980.16	3709668.84	34.77209	(17090404)	437019.74	3709653.64	34.78709	(17122102)
437059.31	3709638.43	34.39592	(21122222)	437119.39	3709628.58	36.49519	(19090402)
437160.41	3709639.30	36.29244	(20122403)	437201.43	3709650.02	20.19648	(17122918)
437242.45	3709660.73	7.86759	(20021019)	437283.47	3709671.45	7.51947	(18122821)
437324.49	3709682.17	7.46770	(18021921)	436823.79	3709736.45	34.80639	(17122319)
436805.92	3709750.83	34.50786	(17010320)	436788.06	3709765.22	34.08868	(18011119)
436830.70	3709675.27	32.63180	(19122301)	436871.53	3709659.59	32.75732	(18010807)
436912.37	3709643.90	33.05334	(20121322)	436953.20	3709628.21	34.03524	(17022606)
436994.03	3709612.52	34.43834	(21122120)	437034.86	3709596.84	32.59782	(19120518)
437075.69	3709581.15	32.54992	(21020420)	437117.26	3709578.83	33.66787	(17091003)
437159.59	3709589.89	35.13473	(18100124)	437201.91	3709600.95	26.84499	(17020422)
437244.23	3709612.00	7.37706	(20021019)	437286.55	3709623.06	6.79647	(17020317)

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        437328.87   3709634.11        6.73676  (18020318)              436792.42
3709697.51       32.81197  (17122818)
        436774.56   3709711.89       32.50184  (21010405)              436756.70
3709726.28       31.81942  (21090501)
        436767.74   3709597.48       30.05505  (17022123)              436808.09
3709581.98       30.72173  (21020620)
        436848.44   3709566.48       31.53958  (18011620)              436888.79
3709550.97       32.16099  (17121318)
        436929.14   3709535.47       32.00379  (19020719)              436969.49
3709519.97       31.71904  (17051203)
        437009.84   3709504.47       30.08742  (17022124)              437050.19
3709488.96       28.56363  (18121819)
        437111.45   3709478.92       30.37591  (20091720)              437153.28
3709489.85       31.46492  (18091322)
        437195.10   3709500.77       29.04463  (20123006)              437236.92
3709511.70        6.64537  (20021019)
        437278.74   3709522.63        5.89876  (18021922)              437320.57
3709533.55        5.70942  (17123120)
        437362.39   3709544.48        5.76620  (18021921)              437404.21
3709555.41        5.73870  (19123021)
        436729.70   3709619.62       29.45197  (18090706)              436711.84
3709634.01       29.15935  (20041421)
        436693.97   3709648.40       28.69246  (20091822)              436705.90
3709519.26       27.32687  (18121519)
        436726.96   3709511.17       27.46498  (21112821)              436748.02
3709503.08       27.80510  (21030324)
        436769.08   3709494.99       28.00770  (21020620)              436790.14
3709486.90       28.19250  (18110120)
        436811.20   3709478.80       28.65923  (17111705)              436832.26
3709470.71       29.05746  (21022619)
        436853.32   3709462.62       29.08426  (17121318)              436874.38
3709454.53       28.95520  (20022420)
        436895.44   3709446.44       29.12526  (20091806)              436916.50
3709438.35       28.91274  (19110418)
        436937.56   3709430.25       28.67084  (17112606)              436958.62
3709422.16       28.66143  (17051203)
        436979.68   3709414.07       28.07341  (21090421)              437000.74
3709405.98       27.33444  (18121017)
        437021.80   3709397.89       26.71697  (19082502)              437042.86
3709389.80       26.08801  (17022124)
        437063.92   3709381.70       25.62974  (19120518)              437106.81
3709379.32       27.30840  (17091003)
        437128.64   3709385.02       28.26545  (18100124)              437150.47
3709390.72       28.68477  (18082824)
        437172.30   3709396.42       27.69534  (19120707)              437194.12
3709402.13       25.12261  (17122918)
        437237.78   3709413.53        5.49200  (19051904)              437259.61
3709419.24        5.50850  (20021019)
        437281.44   3709424.94        5.10113  (19123020)              437303.27
3709430.64        5.12732  (18020318)
```

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437390.58   3709453.45   4.99684 (18010217)   437412.41
3709459.16   5.09718 (17121417)
        437434.24   3709464.86   5.07920 (19122705)   437456.07
3709470.56   5.13051 (18090307)
        437477.89   3709476.26   5.25227 (17121417)   436684.84
3709527.35   26.66316 (17111624)
        436666.98   3709541.74   26.37173 (20041421)   436649.11
3709556.13   26.45450 (18020219)
        436631.25   3709570.51   26.54291 (20091822)   436642.90
3709441.49   24.58790 (21121204)
        436684.47   3709425.51   24.88965 (17101519)   436726.05
3709409.54   25.20909 (17040603)
        436767.62   3709393.57   25.51575 (21042606)   436809.19
3709377.59   25.96260 (20021320)
        436850.77   3709361.62   25.70989 (17110924)   436892.34
3709345.65   25.91023 (18101024)
        436933.91   3709329.67   25.95278 (17051203)   436975.49
3709313.70   24.94541 (19012519)
        437017.06   3709297.73   23.54564 (18092704)   437058.63

3709281.75 23.16246 (20031703)
  437100.97 3709279.40 23.26824 (21093020) 437144.06
3709290.65 24.97056 (19041820)
  437187.15 3709301.91 25.75438 (20010218) 437230.24
3709313.17 16.41746 (19021703)
  437273.33 3709324.43 4.87230 (19123020) 437316.42
3709335.68 4.53888 (18020318)
  437359.51 3709346.94 4.52315 (18010217) 437402.60
3709358.20 4.40708 (21121721)
  437445.69 3709369.46 4.51946 (19123021) 437488.78
3709380.71 4.51338 (19122705)
  436604.25 3709463.86 24.52863 (18011119) 436586.39
3709478.24 24.54119 (19101520)
  436568.52 3709492.63 24.47090 (19011103) 436579.97
3709363.68 22.21633 (20041421)
  436621.13 3709347.87 22.67306 (20100119) 436662.28
3709332.06 22.58113 (21112821)
  436703.44 3709316.24 22.86647 (21020620) 436744.60
3709300.43 23.09882 (18121620)
  436785.76 3709284.62 23.36236 (20121819) 436826.91
3709268.80 23.01360 (20021520)
  436868.07 3709252.99 23.09964 (19012821) 436909.23
3709237.18 22.81291 (17031303)
  436950.39 3709221.36 21.89370 (18031920) 436991.54
3709205.55 24.06921 (18013018)
  437032.70 3709189.74 23.90266 (18121518) 437095.19
3709179.50 24.15730 (18010522)
  437137.85 3709190.64 24.25444 (19092404) 437180.51
3709201.79 23.71567 (18022706)
  437223.17 3709212.93 18.88762 (17020902) 437265.83
3709224.08 4.30706 (19051904)
  437308.48 3709235.22 4.15801 (18021922) 437351.14
3709246.36 4.02775 (18010217)
  437393.80 3709257.51 4.04070 (18010217) 437436.46
3709268.65 3.96191 (19122705)
  437479.12 3709279.80 4.03964 (19122705) 437521.78
3709290.94 4.04061 (19122705)
  437564.44 3709302.09 4.07280 (18021418) 436541.53
3709385.98 22.24660 (21021723)
  436523.66 3709400.36 21.99783 (21120407) 436505.80
3709414.75 21.83331 (20120619)
  436517.84 3709285.57 20.37918 (20120521) 436539.01
3709277.44 20.28325 (20041421)
  436560.18 3709269.30 20.34810 (17111624) 436581.35
3709261.17 20.50988 (18121519)
  436602.52 3709253.03 20.37248 (18121919) 436623.70
3709244.90 20.28898 (17022123)
  436644.87 3709236.77 20.45010 (17101519) 436666.04
3709228.63 20.49297 (21120124)
  436687.21 3709220.50 20.57733 (21020620) 436708.38

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436941.27   3709122.88   20.19405 (20120618)   436962.44
3709114.75   20.11433 (19012519)
        436983.61   3709106.62   21.14988 (20012319)   437004.78
3709098.48   22.35781 (18092704)
        437025.96   3709090.35   22.35940 (21020420)   437047.13
3709082.21   22.04963 (19120518)
        437090.24   3709079.81   19.87604 (21013119)   437112.19
3709085.54   18.23950 (19021120)
        437134.13   3709091.28   16.81654 (17020821)   437156.07
3709097.01   15.41294 (19021120)

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        437178.02   3709102.74       13.72486  (17021018)                437199.96
3709108.48       11.91588  (17122918)
        437221.91   3709114.21        9.82853  (20021903)                437243.85
3709119.94        7.35348  (20012923)
        437265.79   3709125.67        3.91034  (19051904)                437287.74
3709131.41        3.82986  (19051904)
        437309.68   3709137.14        3.75252  (19123020)                437331.63
3709142.87        3.72515  (18020318)
        437353.57   3709148.61        3.65209  (18010217)                437375.51
3709154.34        3.60040  (18010217)
        437397.46   3709160.07        3.58152  (18010217)                437419.40
3709165.81        3.48331  (21121721)
        437441.35   3709171.54        3.53079  (21121721)                437463.29
3709177.27        3.57093  (19122705)
        437485.23   3709183.00        3.64344  (19123021)                437507.18
3709188.74        3.64600  (19122705)
        437529.12   3709194.47        3.64737  (20013118)                437551.07
3709200.20        3.61201  (20021019)
        437573.01   3709205.94        3.61656  (19122705)                437594.95
3709211.67        3.62747  (18120916)
        437616.90   3709217.40        3.68097  (18090307)                437638.84
3709223.14        3.67582  (17010316)
        436496.67   3709293.71       20.23076  (19101520)                436478.80
3709308.09       20.16903  (18011524)
        436460.94   3709322.48       20.13394  (21021823)                436443.08
3709336.87       19.66577  (17020904)
        436454.90   3709207.77       18.62175  (21011503)                436496.82
3709191.67       18.45031  (20041421)
        436517.78   3709183.61       18.37040  (21121204)                436559.70
3709167.51       18.65037  (21100302)
        436601.62   3709151.40       18.55506  (17122620)                436622.58
3709143.35       18.72531  (17122319)
        436664.50   3709127.24       18.78222  (18110120)                436706.42
3709111.13       19.03023  (17111623)
        436727.38   3709103.08       19.12656  (20021320)                436769.30
3709086.98       18.89679  (21022619)
        436811.22   3709070.87       18.93456  (17020808)                436853.14
3709054.76       18.82718  (17101619)
        436895.06   3709038.66       18.55917  (20091619)                436916.02
3709030.60       18.69585  (19012519)
        436957.94   3709014.50       18.71810  (18121819)                436999.86
3708998.39       18.36820  (21122222)
        437020.82   3708990.34       18.07493  (20031703)                437084.46
3708979.91       19.13045  (21100119)
        437127.91   3708991.26       20.89172  (21020202)                437171.36
3709002.61       17.01297  (20012501)
        437214.81   3709013.96        8.21095  (20012923)                437258.26
3709025.31        3.52364  (19122305)
        437301.71   3709036.66        3.45559  (19051904)                437345.16
3709048.02        3.36805  (18110708)
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437388.61 3709059.37 3.35575 (18010217) 437432.05
3709070.72 3.21002 (21121721)
437475.50 3709082.07 3.16807 (19122705) 437518.95
3709093.42 3.19876 (19122705)
437562.40 3709104.77 3.22543 (19122705) 437605.85
3709116.12 3.22004 (19122705)
437649.30 3709127.48 3.30468 (18090307) 436416.08
3709230.21 18.41990 (19011103)
436398.22 3709244.60 18.20118 (21011221) 436380.35
3709258.98 17.84609 (20122523)
436392.00 3709129.96 16.84462 (19101520) 436433.58
3709113.98 16.89162 (21121522)
436475.15 3709098.01 16.95008 (21121121) 436516.72
3709082.04 17.15490 (20110517)
436558.30 3709066.06 17.10717 (17031205) 436599.87
3709050.09 17.13820 (17011606)
436641.44 3709034.12 17.13711 (21042606) 436683.02
3709018.14 17.42851 (17012003)
436724.59 3709002.17 17.41301 (21112202) 436766.16
3708986.20 17.32115 (17110924)
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BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

PAGE 557
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
3708954.25       17.23645  (18010606)
        436890.88   3708938.28       17.33031  (18013018)                436932.46
3708922.31       17.04527  (20111904)
        436974.03   3708906.33       16.97415  (18092704)                437015.60
3708890.36       16.77937  (20121619)
        437078.72   3708880.02       17.82121  (18010522)                437121.81
3708891.27       19.34578  (21020202)
        437164.90   3708902.53       17.46686  (19030407)                437207.99
3708913.79       11.13696  (19021120)
        437251.08   3708925.05        3.24317  (19122305)                437294.17
3708936.30        3.20453  (19051904)
        437337.26   3708947.56        3.08234  (18110708)                437380.35
3708958.82        3.01557  (21011424)
        437423.44   3708970.08        3.02866  (17022717)                437466.53
3708981.33        2.92147  (21121721)
        437509.62   3708992.59        2.94384  (17121417)                437552.71
3709003.85        2.97182  (19122705)
        437595.80   3709015.11        2.93110  (20021019)                437638.89
3709026.36        2.97618  (19122705)
        437681.98   3709037.62        2.96531  (18120916)                437725.07
3709048.88        2.94584  (18102017)
        436353.35   3709152.33       16.54518  (20120619)                436335.49
3709166.72       16.30266  (18010220)
        436317.63   3709181.10       16.30946  (17020904)                436329.73
3709051.90       15.48987  (21021823)
        436350.96   3709043.74       15.67290  (20120619)                436372.19
3709035.59       15.73019  (19012719)
        436393.42   3709027.43       15.63394  (20041421)                436414.65
3709019.27       15.71904  (19012719)
        436435.89   3709011.11       15.80922  (17070206)                436457.12
3709002.96       15.97417  (17122818)
        436478.35   3708994.80       15.81462  (17122620)                436499.58
3708986.64       15.93776  (20123002)
        436520.81   3708978.48       15.91683  (20123002)                436542.05
3708970.33       15.99910  (20012606)
        436563.28   3708962.17       15.94649  (17011606)                436584.51
3708954.01       16.07233  (18011621)
        436605.74   3708945.85       16.01928  (21020421)                436626.97
3708937.70       16.17906  (18110120)
        436648.21   3708929.54       16.14989  (21020103)                436669.44
3708921.38       16.22881  (20010419)
        436690.67   3708913.22       16.28049  (21120405)                436711.90
3708905.06       16.24899  (21121720)
        436733.13   3708896.91       16.10234  (20021520)                436754.37
3708888.75       16.12431  (20092906)
        436775.60   3708880.59       16.19696  (19012821)                436796.83
3708872.43       16.08672  (21122120)
        436818.06   3708864.28       16.11480  (17031303)                436839.29
3708856.12       16.03312  (17110322)
        436860.53   3708847.96       16.15379  (17110322)                436881.76
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437535.76	3708901.03	2.69367	(19122705)	437557.77	3708906.78	2.71424	(19122705)
437579.77	3708912.53	2.72709	(19122705)	437601.78	3708918.28	2.68833	(20013118)
437623.79	3708924.03	2.67025	(20021019)	437645.79	3708929.78	2.65412	(18090307)
437667.80	3708935.52	2.72837	(18021418)	437689.81	3708941.27	2.71505	(19122705)
437711.81	3708947.02	2.67799	(19122705)	437733.82	3708952.77	2.68592	(18090307)
437755.83	3708958.52	2.68538	(17123120)	437777.83	3708964.27	2.67989	(21011417)
437799.84	3708970.02	2.68211	(17123117)	436308.49	3709060.06	15.45895	(20050705)
436290.63	3709074.45	15.25099	(17020904)	436272.77	3709088.83	15.07122	(21010702)
436254.90	3709103.22	15.02665	(18010705)	436266.83	3708974.09	14.59805	(18022523)
436287.89	3708965.99	14.64059	(17020823)	436308.95	3708957.90	14.70676	(18010802)
436330.01	3708949.81	14.73463	(18011524)	436351.07	3708941.72	14.66611	(20120521)
436372.13	3708933.63	14.76072	(17070206)	436393.19	3708925.54	14.83235	(17020220)
436414.25	3708917.44	14.96493	(17020220)	436435.31	3708909.35	14.87240	(21111419)
436456.37	3708901.26	14.96780	(19110218)	436477.43	3708893.17	15.05712	(18102619)
436498.49	3708885.08	14.95908	(17022123)	436519.55	3708876.99	14.96740	(21120124)
436540.61	3708868.90	15.01616	(21020421)	436561.67	3708860.80	15.15803	(21010118)
436582.73	3708852.71	15.03151	(21020201)	436603.79	3708844.62	15.10821	(18110120)
436624.85	3708836.53	15.21539	(21020519)	436645.91	3708828.44	15.16252	(20010419)
436666.97	3708820.35	15.19259	(21120405)	436688.03	3708812.25	15.14293	(21121720)
436709.09	3708804.16	15.04565	(20021520)	436730.15	3708796.07	15.02820	(20092906)
436751.21	3708787.98	15.10641	(20121322)	436772.27	3708779.89	15.07617	(20092906)

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        436793.33   3708771.80       15.06069  (18010606)                436814.39
3708763.70       15.05301  (18010606)
        436835.45   3708755.61       15.13612  (17051203)                436856.51
3708747.52       15.03256  (17101619)
        436877.57   3708739.43       14.97744  (19012519)                436898.63
3708731.34       14.76406  (20122924)
        436919.69   3708723.25       14.87108  (21112203)                436940.75
3708715.15       14.95143  (20082506)
        436961.81   3708707.06       14.86049  (17022124)                436982.87
3708698.97       14.61834  (18121518)
        437003.93   3708690.88       14.47244  (18080904)                437024.99
3708682.79       14.74128  (20092820)
        437067.88   3708680.40       15.95384  (18010522)                437089.71
3708686.10       16.53276  (17073103)
        437111.54   3708691.80       17.06533  (18091322)                437133.37
3708697.51       17.02219  (19092404)
        437155.20   3708703.21       15.97803  (17011719)                437177.02
3708708.91       14.19669  (20012501)
        437220.68   3708720.32        8.62091  (17021018)                437242.51
3708726.02        5.92502  (18121619)
        437264.34   3708731.72        2.75394  (19122305)                437286.17
3708737.43        2.72692  (20021019)
        437308.00   3708743.13        2.72004  (19051904)                437351.65
3708754.54        2.59517  (18021922)
        437373.48   3708760.24        2.58105  (17120817)                437395.31
3708765.94        2.55360  (17120817)
        437417.14   3708771.64        2.53366  (17123120)                437438.97
3708777.35        2.57007  (17022717)
        437460.79   3708783.05        2.45155  (21121721)                437482.62
3708788.75        2.46063  (21121721)
        437504.45   3708794.46        2.45839  (21121721)                437526.28
3708800.16        2.46226  (21121721)
        437569.94   3708811.56        2.49640  (19122705)                437591.77
3708817.27        2.51257  (19122705)
        437613.59   3708822.97        2.49390  (18020318)                437635.42
3708828.67        2.49229  (18021921)
        437657.25   3708834.38        2.47003  (18021921)                437679.08
3708840.08        2.47807  (18021418)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 559
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
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, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437700.91   3708845.78        2.53500  (19122705)               437722.74
3708851.48        2.50119  (18090307)
        437744.56   3708857.19        2.47030  (19122705)               437766.39
3708862.89        2.45751  (18120916)
        437810.05   3708874.30        2.45766  (21011417)               437831.88
3708880.00        2.46830  (17123117)
        437853.71   3708885.70        2.46024  (18120916)               436245.77
3708982.18       14.26411  (20022019)
        436227.91   3708996.56       14.14968  (20021521)               436210.04
3709010.95       14.07975  (17020904)
        436192.18   3709025.34       14.08497  (18010705)               436203.96
3708896.26       13.65645  (20022019)
        436245.78   3708880.19       13.94106  (21120407)               436287.61
3708864.12       13.93635  (18101719)
        436329.44   3708848.05       14.16450  (21121121)               436371.26
3708831.98       14.35609  (21010405)
        436413.09   3708815.91       14.18577  (20123002)               436454.92
3708799.84       14.27740  (20123002)
        436496.75   3708783.77       14.14008  (19021705)               436538.57
3708767.70       14.18644  (21020201)
        436580.40   3708751.63       14.27472  (21020519)               436622.23
3708735.56       14.17505  (20021320)
        436664.05   3708719.49       14.20398  (20121322)               436705.88
3708703.41       14.12296  (17051204)
        436747.71   3708687.34       14.19799  (21013120)               436789.53
3708671.27       14.09589  (17112606)
        436831.36   3708655.20       14.18074  (17012108)               436873.19
3708639.13       14.02506  (17102518)
        436915.01   3708623.06       13.86853  (18083020)               436956.84
3708606.99       13.86058  (18030420)
        436998.67   3708590.92       13.59551  (18080904)               437062.17
3708580.51       14.58214  (18091721)
        437105.52   3708591.84       15.45615  (18073022)               437148.87
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3708603.17       15.83741  (18100124)
        437192.23   3708614.49       13.49451  (19122017)                437235.58
3708625.82        8.14054  (19012818)
        437278.93   3708637.15        2.54530  (19122305)                437322.29
3708648.47        2.50303  (19051904)
        437365.64   3708659.80        2.39614  (18021922)                437408.99
3708671.12        2.33664  (18021921)
        437452.34   3708682.45        2.35298  (17022717)                437495.70
3708693.78        2.25353  (21121721)
        437539.05   3708705.10        2.27616  (21121721)                437582.40
3708716.43        2.30482  (19122705)
        437625.75   3708727.75        2.36194  (18020318)                437669.11
3708739.08        2.35387  (20021019)
        437712.46   3708750.41        2.31425  (18021418)                437755.81
3708761.73        2.30989  (18090307)
        437799.17   3708773.06        2.24773  (19122705)                437842.52
3708784.39        2.26332  (21011417)
        437885.87   3708795.71        2.25042  (18120916)                436165.18
3708918.68       13.35101  (20021521)
        436147.32   3708933.07       13.30277  (18010705)                436129.45
3708947.46       13.26280  (21010702)
        437017.12   3710105.60       61.46914  (17011620)                436994.30
3710140.34       74.54526  (21123024)
        436986.74   3710060.78       63.11926  (21120806)                436963.92
3710095.51       68.96096  (19120706)
        436955.38   3710021.84       60.67527  (20013007)                436933.55
3710050.69       59.94417  (17020220)
        436910.73   3710085.43       56.59423  (19012719)                436917.07
3709990.56       52.92242  (20090520)
        436891.76   3710023.24       49.66461  (18080906)                436868.94
3710057.97       47.71729  (19011821)
        436874.41   3709964.06       46.34116  (21121020)                436849.97
3709995.78       44.78044  (17122219)
        436827.15   3710030.52       43.80623  (21011601)                436832.10
3709937.18       42.06846  (17020823)
        436857.13   3709909.61       46.15966  (20110517)                436808.18
3709968.33       40.14881  (21010624)
        436785.36   3710003.06       40.30129  (21010701)                436789.97
3709910.11       38.33215  (18020219)
        436814.29   3709883.30       41.11243  (17070206)                436766.39
3709940.87       37.13487  (20121620)
        436743.57   3709975.61       37.21975  (18020622)                436749.92
3709880.74       34.75242  (17020904)
        436777.72   3709850.11       36.18980  (17020823)                436724.61
3709913.42       34.55522  (21122608)
        436701.79   3709948.15       34.70086  (21011008)                436707.63
3709853.83       32.41492  (21010704)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436734.44	3709824.29	33.16532	(18011220)	436761.25	3709794.76	33.96364	(21120407)
436682.82	3709885.96	32.39384	(20012708)	436660.00	3709920.70	32.69205	(20122407)
436665.47	3709826.78	30.41481	(20122419)	436691.54	3709798.07	30.68332	(19101521)
436717.60	3709769.35	31.61069	(21010620)	436641.03	3709858.51	30.68629	(21011324)
436618.21	3709893.24	31.26069	(20010420)	436582.77	3709770.92	27.71341	(21022522)
436610.57	3709740.29	27.31976	(17012805)	436638.37	3709709.66	27.53374	(19121519)
436666.17	3709679.03	28.33780	(21010623)	436557.46	3709803.60	27.73241	(18010624)
436534.64	3709838.33	27.76233	(20122503)	436498.56	3709716.70	24.83884	(20091722)
436525.10	3709687.46	25.02133	(21022522)	436551.63	3709658.23	25.10964	(21121703)
436578.17	3709628.99	25.36753	(20120520)	436604.71	3709599.75	26.18444	(21111407)
436473.88	3709748.69	24.73816	(20121703)	436451.06	3709783.42	24.63696	(21011204)
436415.61	3709661.10	22.43647	(21011306)	436443.42	3709630.47	22.60707	(20122502)

436471.22 3709599.84 22.82099 (18020622) 436499.02 3709569.21 23.35989 (17012805)
436526.82 3709538.58 23.51248 (19011821) 436390.30 3709693.78 22.16697 (20120903)
436367.48 3709728.51 22.20549 (20120903) 436331.54 3709606.73 20.57763 (20121703)
436358.35 3709577.20 20.75590 (18120919) 436385.16 3709547.66 20.87779 (21011207)
436411.97 3709518.13 21.15150 (18011718) 436438.78 3709488.59 21.47621 (21010701)
436465.59 3709459.05 21.28061 (20120520) 436306.73 3709638.87 20.30555 (20121606)
436283.91 3709673.60 20.25954 (18121823) 436248.46 3709551.28 18.70353 (21011603)
436276.26 3709520.65 18.97764 (20121703) 436304.07 3709490.02 19.09922 (20010420)
436331.87 3709459.39 19.16403 (21012920) 436359.67 3709428.76 19.30682 (21122202)
436387.47 3709398.13 19.43401 (18122222) 436415.27 3709367.50 19.27011 (18010705)
436223.15 3709583.96 18.70041 (21011204) 436200.33 3709618.69 18.60760 (19121724)
436164.48 3709496.82 17.31495 (21011023) 436191.46 3709467.09 17.43542 (20120904)
436218.45 3709437.36 17.55451 (21011707) 436245.43 3709407.63 17.60240 (20091722)
436272.41 3709377.90 17.66510 (20120207) 436299.40 3709348.17 17.65371 (21010701)
436326.38 3709318.44 17.82869 (18101406) 436353.37 3709288.71 17.68557 (20122523)
436139.58 3709529.05 17.22188 (18012120) 436116.76 3709563.78 17.08794 (17122320)
436081.31 3709441.46 16.07466 (21022303) 436109.11 3709410.83 16.02556 (21121107)
436136.92 3709380.20 16.30029 (20122503) 436164.72 3709349.57 16.39851 (20120523)
436192.52 3709318.94 16.31163 (20120207) 436220.32 3709288.31 16.44859 (21020503)
436248.12 3709257.68 16.33711 (21011606) 436275.92 3709227.05 16.47565 (21011202)
436056.00 3709474.14 15.96402 (19121724) 436033.18 3709508.87 15.75787 (20020202)
435997.39 3709386.93 14.92422 (18121418) 436024.49 3709357.07 15.09222 (21011023)
436051.60 3709327.20 14.98760 (21011707) 436078.71 3709297.34 15.15918 (17121720)
436105.82 3709267.47 15.28465 (21011519) 436132.92 3709237.61 15.22418 (21011207)
436160.03 3709207.75 15.29721 (21020503) 436187.14 3709177.88 15.19347 (20121921)

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                  L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                  L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                  L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435997.57   3709239.75   14.22492 (17121819)   436025.37
3709209.12   14.20068 (21011707)
        436053.17   3709178.49   14.26265 (19121223)   436080.97
3709147.86   14.17685 (21011324)
        436108.77   3709117.23   14.22129 (21022522)   436136.57
3709086.60   14.11717 (21010806)
        436164.38   3709055.97   14.12043 (21010806)   435888.85
3709364.32   13.79042 (20120424)
        435866.03   3709399.05   13.80968 (20120701)   435830.28
3709277.06   13.08672 (17122906)
        435857.48   3709247.10   13.19783 (18121823)   435884.68
3709217.13   13.31322 (21011204)
        435911.87   3709187.17   13.16003 (21011603)   435939.07
3709157.20   13.35233 (20121703)
        435966.27   3709127.24   13.35737 (21011306)   435993.47

3709097.28 13.35070 (19121223)
436020.66 3709067.31 13.30427 (21011324) 436047.86
3709037.35 13.35952 (18020622)
436075.06 3709007.38 13.20318 (20091824) 436102.26
3708977.42 13.25382 (19040720)
435805.27 3709309.41 12.96924 (18013102) 435782.45
3709344.14 13.05477 (18021607)
436986.12 3710169.40 80.19988 (21010524) 436986.86
3710192.47 83.86812 (20122018)
436987.61 3710215.54 86.35348 (21021723) 436941.60
3710151.64 67.23408 (20120619)
436936.89 3710194.09 65.92397 (19121722) 436937.63
3710217.16 67.44276 (18011718)
436892.31 3710150.83 53.08038 (21011606) 436898.45
3710129.03 53.05438 (19121722)
436904.59 3710107.23 54.52869 (20022019) 436886.17
3710172.63 52.62924 (21011324)
436886.91 3710195.70 52.48464 (21011324) 436887.66
3710218.77 52.27100 (20122107)
436841.65 3710154.87 47.47964 (20012708) 436852.57
3710116.11 48.04610 (21011324)
436836.94 3710197.32 46.82274 (20122023) 436837.68
3710220.39 46.23515 (19110901)
436792.07 3710155.10 42.79529 (21013104) 436803.76
3710113.57 43.73339 (20120119)
436815.46 3710072.04 44.15154 (21011324) 436786.97
3710198.93 41.98499 (18011208)
436787.71 3710222.00 41.91360 (18020822) 436742.39
3710155.67 39.07711 (18020421)
436748.53 3710133.87 39.64062 (18020221) 436754.66
3710112.07 40.05775 (20120903)
436760.80 3710090.27 40.36543 (17101620) 436766.94
3710068.47 40.51679 (20010420)
436773.08 3710046.66 40.82232 (18011718) 436779.22
3710024.86 40.62200 (21011324)
436736.25 3710177.47 38.59440 (17100620) 436736.99
3710200.54 38.61897 (17101622)
436737.74 3710223.61 38.52603 (20020119) 436692.00
3710158.74 36.26381 (19121508)
436703.46 3710118.04 36.95740 (20101320) 436714.92
3710077.35 37.61980 (21011204)
436726.38 3710036.65 37.84709 (20013120) 436687.02
3710202.16 35.76881 (19010908)
436687.76 3710225.23 35.58021 (18012923) 436642.25
3710159.56 33.61439 (21011523)
436654.16 3710117.28 34.30215 (17122902) 436666.07
3710075.00 34.97086 (21022223)
436677.97 3710032.71 35.37740 (20122023) 436689.88
3709990.43 35.25254 (20121703)
436637.04 3710203.77 33.12551 (18010208) 436637.79

3710226.84   32.95020 (21010508)
        436592.46   3710160.51   31.41799 (21011703)   436598.60
3710138.71   31.62434 (18011208)
        436604.74   3710116.91   32.02557 (17121003)   436610.88
3710095.11   32.31242 (20100102)
        436617.02   3710073.31   32.54603 (17100620)   436623.16
3710051.51   32.75567 (20012402)
        436629.30   3710029.70   33.03754 (20100505)   436635.44
3710007.90   33.29354 (17021606)
        436641.58   3709986.10   33.19458 (20121606)   436647.72
3709964.30   33.20101 (20122503)
        436653.86   3709942.50   33.02127 (20122404)   436586.32
3710182.31   31.04899 (18010208)
        436587.07   3710205.38   30.92602 (21010508)   436587.81
3710228.45   30.82308 (20022721)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436537.10 3710207.00 28.95529 (17122808) 436537.84 3710230.07 28.55223 (18010224)
436442.54 3710165.35 25.78877 (18011204) 436448.68 3710143.55 26.30886 (17122802)
436454.82 3710121.75 26.55726 (21011123) 436460.96 3710099.95 26.77234 (18010208)
436467.10 3710078.15 26.96057 (18011402) 436473.24 3710056.35 26.99934 (19122108)
436479.38 3710034.55 27.24211 (20020119) 436485.52 3710012.74 27.32518 (17050206)
436491.66 3709990.94 27.37188 (18011906) 436497.80 3709969.14 27.48066 (20022806)
436503.94 3709947.34 27.57793 (17122320) 436510.08 3709925.54 27.60092 (20120424)
436516.22 3709903.74 27.73409 (21022303) 436522.36 3709881.93 27.83341 (20091623)
436528.50 3709860.13 27.59476 (17090305) 436436.40 3710187.16 25.45791 (18013122)
436437.15 3710210.23 25.43135 (20123022) 436437.89 3710233.30 25.44115 (20121923)
436342.49 3710168.96 23.11258 (18011120) 436354.55 3710126.13 23.32005 (18010224)
436366.61 3710083.29 24.06513 (18011204) 436378.68 3710040.45 24.40191 (17112219)
436390.74 3709997.61 24.52144 (18122122) 436402.80 3709954.77 24.70238 (18011208)
436414.87 3709911.94 24.78020 (18011906) 436426.93 3709869.10 24.85741 (17122621)
436439.00 3709826.26 24.82861 (20091623) 436337.20 3710213.45 23.00160 (20121923)
436337.94 3710236.52 23.18479 (20120804) 436242.74 3710171.46 21.08980 (20121923)
436248.98 3710149.32 21.15648 (20122319) 436255.22 3710127.17 21.25241 (18011120)
436261.45 3710105.02 21.28159 (19011822) 436267.69 3710082.87 21.39246 (18020204)
436273.93 3710060.73 21.75823 (20022721) 436280.17 3710038.58 22.04985 (20011821)
436286.40 3710016.43 22.22041 (21013123) 436292.64 3709994.28 22.31694 (18011324)
436298.88 3709972.14 22.36450 (18010208) 436305.11 3709949.99 22.41083 (19121723)
436311.35 3709927.84 22.47550 (21012024) 436317.59 3709905.69 22.55377 (18021323)
436323.82 3709883.54 22.55077 (18012420) 436330.06 3709861.40 22.50386 (17122902)
436336.30 3709839.25 22.46839 (17123006) 436342.54 3709817.10 22.42052 (20120423)
436348.77 3709794.95 22.41073 (20122108) 436355.01 3709772.81 22.30986 (18121823)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3709607.89   17.20126 (18012221)
        436110.55   3709585.83   17.19670 (21020424)   435936.66
3710203.29   16.47093 (17121022)
        435937.41   3710226.36   16.61282 (20120818)   435938.15
3710249.43   16.58823 (19012903)
        435842.85   3710184.72   15.38995 (20120818)   435848.99
3710162.92   15.59878 (20101104)
        435855.13   3710141.12   16.22140 (19110604)   435861.27
3710119.32   15.72012 (20030806)
        435867.41   3710097.51   15.75956 (21011401)   435873.55
3710075.71   15.66415 (21011805)
        435879.69   3710053.91   15.68114 (21011401)   435885.83
3710032.11   15.53100 (18011322)
        435891.97   3710010.31   15.62322 (18011322)   435898.11
3709988.51   15.67765 (20122319)
        435904.25   3709966.70   15.61164 (18011803)   435910.39
3709944.90   15.59557 (18013122)
        435916.53   3709923.10   15.65291 (18020721)   435922.67
3709901.30   15.70166 (19120905)
        435928.81   3709879.50   15.85662 (18020404)   435934.95
3709857.70   16.12192 (20121601)
        435941.09   3709835.90   16.27160 (17121824)   435947.23
3709814.09   16.37423 (18011404)
        435953.37   3709792.29   16.35006 (20121807)   435959.51
3709770.49   16.33319 (17122624)
        435965.65   3709748.69   16.36844 (18010507)   435971.78
3709726.89   16.36303 (18021701)
        435977.92   3709705.09   16.29964 (21012024)   435984.06
3709683.28   16.19234 (20010621)
        435990.20   3709661.48   16.13345 (18021323)   435996.34
3709639.68   16.09285 (19121508)
        436002.48   3709617.88   15.99370 (18012419)   436008.62
3709596.08   15.91810 (18021801)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972

, L0003973   , L0003974   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436014.76	3709574.28	15.89529	(18011906)	436020.90	3709552.48	15.81433	(20020120)
436027.04	3709530.67	15.80176	(18011805)	435836.72	3710206.52	15.39814	(17121022)
435837.46	3710229.59	15.33940	(19012903)	435838.21	3710252.66	15.38600	(21110503)
435742.85	3710188.16	14.45671	(17121022)	435748.93	3710166.56	14.47505	(20120818)
435761.09	3710123.37	15.06461	(20101104)	435773.25	3710080.19	14.56983	(19121506)
435779.33	3710058.59	14.69960	(20112424)	435791.50	3710015.40	14.59659	(21011401)
435797.58	3709993.81	14.55704	(18011322)	435809.74	3709950.62	14.66450	(19012621)
435821.90	3709907.43	14.57274	(18020401)	435827.98	3709885.84	14.57831	(19011822)
435840.15	3709842.65	14.67994	(17120202)	435846.23	3709821.06	14.90447	(18022323)
435858.39	3709777.87	15.16601	(20011821)	435870.55	3709734.68	15.11395	(19010823)
435876.63	3709713.09	15.14145	(18020301)	435888.79	3709669.90	15.10829	(20020104)
435894.87	3709648.31	15.04041	(21011703)	435907.04	3709605.12	14.97149	(17122623)
435919.20	3709561.93	14.97352	(18011405)	435925.28	3709540.34	14.85325	(19122103)
435937.44	3709497.15	14.77488	(20022702)	435737.51	3710232.82	14.36148	(18122603)
435738.26	3710255.89	14.57958	(18012922)	435643.01	3710190.98	13.53022	(19012903)
435649.21	3710168.98	13.60359	(19110604)	435655.40	3710146.98	13.60554	(20120818)
435661.60	3710124.98	13.64955	(21031806)	435667.79	3710102.99	14.04566	(21031806)
435673.99	3710080.99	14.51396	(20030806)	435680.18	3710058.99	13.86757	(21110223)
435686.38	3710036.99	13.82645	(21011401)	435692.57	3710015.00	13.79053	(21011805)

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        435698.77   3709993.00       13.82623  (20120804)                435704.96
3709971.00       13.68042  (18020222)
        435711.16   3709949.00       13.71228  (20121923)                435717.35
3709927.00       13.73045  (18011322)
        435723.55   3709905.01       13.73607  (18011120)                435729.74
3709883.01       13.76406  (18020721)
        435735.94   3709861.01       13.71972  (18013122)                435742.13
3709839.01       13.67536  (18013122)
        435748.33   3709817.01       13.70972  (18021602)                435754.52
3709795.02       13.71641  (17120202)
        435760.72   3709773.02       13.94472  (21111303)                435766.91
3709751.02       14.12236  (17121901)
        435773.11   3709729.02       14.17813  (19012001)                435779.30
3709707.02       14.17012  (17121205)
        435785.50   3709685.03       14.15278  (18012923)                435791.69
3709663.03       14.20989  (18011323)
        435797.89   3709641.03       14.25815  (21011405)                435804.08
3709619.03       14.19281  (21111424)
        435810.28   3709597.03       14.19750  (21011703)                435816.47
3709575.04       14.11384  (19121508)
        435822.66   3709553.04       14.16516  (21012108)                435828.86
3709531.04       14.13963  (17101407)
        435835.05   3709509.04       14.18779  (17121003)                435841.25
3709487.04       14.01214  (20022804)
        435847.44   3709465.05       13.92609  (18020822)                435853.64
3709443.05       13.88755  (18011906)
        435859.83   3709421.05       13.84455  (20011508)                435636.82
3710212.98       13.47518  (18122603)
        435637.56   3710236.05       13.56274  (20112424)                435638.31
3710259.12       13.55811  (20022624)
        435543.01   3710194.40       12.69385  (18122603)                435549.15
3710172.60       12.72562  (19012701)
        435555.29   3710150.80       12.72204  (19012903)                435561.43
3710129.00       12.82274  (20120818)
        435567.57   3710107.20       12.81506  (20120818)                435573.71
3710085.40       13.17385  (21031806)
        435579.85   3710063.59       13.46554  (21031806)                435585.99
3710041.79       13.52736  (21031806)
        435592.13   3710019.99       12.86632  (19012622)                435598.27
3709998.19       13.00466  (21011805)
        435604.41   3709976.39       13.02955  (17122308)                435610.55
3709954.59       13.11769  (18012108)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 565
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 , L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 , L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 , L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	13.10601	(21012808)	435622.83	3709910.98	13.05855	(18011322)
435628.96	3709889.18	13.05382	(20121923)	435635.10	3709867.38	13.06141	(19012621)
435641.24	3709845.58	13.02967	(18011120)	435647.38	3709823.78	13.07001	(20101207)
435653.52	3709801.98	13.04128	(18013122)	435659.66	3709780.17	13.01562	(18020204)
435665.80	3709758.37	12.96521	(21122021)	435671.94	3709736.57	12.98195	(17122808)
435678.08	3709714.77	13.21536	(18011204)	435684.22	3709692.97	13.30783	(18011204)
435690.36	3709671.17	13.31565	(17013104)	435696.50	3709649.36	13.35230	(19012001)
435702.64	3709627.56	13.34466	(18010801)	435708.78	3709605.76	13.42188	(18011323)
435714.92	3709583.96	13.45735	(18011508)	435721.06	3709562.16	13.51137	(18020820)
435727.20	3709540.36	13.47406	(19122108)	435733.34	3709518.56	13.48082	(21011406)
435739.48	3709496.75	13.46939	(21011402)	435745.62	3709474.95	13.57627	(20010708)
435751.76	3709453.15	13.49253	(19100607)	435757.89	3709431.35	13.31716	(17050806)
435764.03	3709409.55	13.21453	(18021321)	435770.17	3709387.75	13.19518	(17122902)
435776.31	3709365.94	13.10654	(18021607)	435536.87	3710216.20	12.72325	(19122019)
435537.62	3710239.27	12.72201	(20022624)	435538.36			

3710262.34 12.65741 (19122122)
436998.29 3710253.17 90.55474 (21011222) 437006.23
3710275.99 92.86021 (20012122)
437014.16 3710298.81 96.47145 (19111203) 436943.13
3710246.78 70.43360 (18011718)
436951.07 3710269.60 73.47797 (20120119) 436959.00
3710292.42 76.77933 (20013120)
436966.94 3710315.24 79.23308 (21011719) 436891.78
3710240.99 52.48506 (20122023)
436895.90 3710263.20 52.60018 (21011607) 436903.84
3710286.02 54.16961 (18101207)
436911.78 3710308.84 56.67734 (18120808) 436919.71
3710331.66 59.19834 (18020108)
436845.01 3710259.88 46.21244 (21011402) 436856.62
3710302.45 46.83812 (17050206)
436864.55 3710325.27 47.11289 (18120808) 436872.49
3710348.09 47.88988 (20010708)
436798.02 3710277.54 42.03718 (18121508) 436809.39
3710318.87 42.40406 (19121508)
436817.33 3710341.69 42.66288 (19010908) 436825.26
3710364.51 43.44676 (20102504)
436750.11 3710290.26 38.35024 (20090522) 436745.98
3710268.05 38.39440 (18011208)
436741.86 3710245.83 38.53164 (19010908) 436754.23
3710312.48 38.41548 (20090522)
436762.16 3710335.30 38.70367 (20090522) 436770.10
3710358.12 39.63083 (20102504)
436778.04 3710380.94 39.49694 (20101104) 436703.15
3710308.17 35.58646 (18012924)
436695.46 3710266.70 35.55845 (17122808) 436714.94
3710351.72 35.84690 (19062806)
436722.88 3710374.54 36.30619 (19062806) 436730.81
3710397.36 36.59062 (20102504)
436655.38 3710321.63 33.51904 (21110223) 436650.98
3710297.93 32.77667 (20090522)
436646.58 3710274.24 33.12951 (20090522) 436642.19
3710250.54 33.06608 (21010508)
436659.78 3710345.33 33.76986 (19062806) 436667.71
3710368.15 34.20684 (19062806)
436675.65 3710390.97 34.33147 (20102504) 436683.59
3710413.79 34.68690 (20102504)
436608.43 3710339.54 32.08854 (19062806) 436604.31
3710317.32 31.83011 (21110223)
436600.18 3710295.10 30.61119 (20102504) 436591.94
3710250.67 30.78541 (17122808)
436612.55 3710361.75 32.25019 (20102504) 436620.49
3710384.57 31.59170 (21090405)
436628.43 3710407.39 31.14028 (21110503) 436636.36
3710430.21 31.68675 (19062806)
436561.40 3710357.02 29.10866 (20030806) 436553.55

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                   INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436545.69   3710272.38   28.53478 (20123022)   436573.26   3710401.00   29.44609 (21110503)
        436581.20   3710423.82   29.64862 (21110503)   436589.14   3710446.64   29.73776 (20101104)
        436466.75   3710388.81   26.21480 (20120818)   436462.63   3710366.59   26.24138 (20120818)
        436454.38   3710322.16   26.52908 (20030806)   436450.26   3710299.94   26.15303 (20030806)
        436446.14   3710277.73   26.67606 (21110223)   436442.02   3710255.51   25.60701 (18011322)
        436470.88   3710411.03   25.98577 (20120818)   436478.81   3710433.85   26.10812 (20022720)
        436486.75   3710456.67   26.38782 (20022720)   436494.69   3710479.49   26.40593 (20122105)
        436372.15   3710420.84   23.59808 (20022720)   436367.87   3710397.80   23.56661 (19122019)
        436363.60   3710374.76   23.51217 (21011624)   436359.32   3710351.72   23.71582 (20120818)
        436355.05   3710328.68   23.29459 (21012104)   436350.77   3710305.64   23.55249 (19062806)

436346.50 3710282.60 24.15010 (20030806) 436342.22 3710259.56 23.49990 (21011401)
436376.43 3710443.88 23.66701 (21011722) 436384.36 3710466.70 23.75518 (20122105)
436392.30 3710489.52 23.87192 (20101321) 436400.24 3710512.34 24.00074 (21013124)
436277.58 3710453.03 21.61067 (21120204) 436273.18 3710429.33 21.58303 (20122201)
436268.78 3710405.63 21.56405 (19012620) 436264.38 3710381.94 21.55127 (18012922)
436259.99 3710358.24 21.43144 (21011624) 436255.59 3710334.54 21.46387 (20120818)
436251.19 3710310.84 21.35166 (21012104) 436246.79 3710287.15 21.19095 (17121024)
436242.39 3710263.45 21.22456 (19062806) 436281.98 3710476.73 21.72323 (20122619)
436289.91 3710499.55 21.82228 (20120206) 436297.85 3710522.37 21.87437 (18010505)
436305.79 3710545.19 22.26320 (18102607) 436183.40 3710487.36 20.00251 (20122224)
436175.16 3710442.93 19.87319 (20122201) 436171.03 3710420.71 19.85348 (20022720)
436166.91 3710398.49 19.81794 (19122021) 436162.79 3710376.28 19.86337 (19012422)
436158.66 3710354.06 19.83049 (19122019) 436154.54 3710331.84 19.60474 (20022624)
436146.29 3710287.41 19.51198 (17121022) 436142.17 3710265.19 19.40797 (17121022)
436187.52 3710509.57 19.97363 (18010505) 436195.46 3710532.39 20.07615 (19120507)
436203.40 3710555.21 20.50427 (20012322) 436211.33 3710578.03 20.73340 (20012322)
436088.85 3710519.64 18.43624 (20021604) 436084.62 3710496.85 18.43156 (20120206)
436080.39 3710474.07 18.42610 (18010505) 436076.16 3710451.28 18.36534 (19121202)
436071.93 3710428.49 18.35838 (20010520) 436067.70 3710405.71 18.28766 (19121205)
436063.47 3710382.92 18.23634 (20122105) 436059.24 3710360.14 18.21776 (19122019)
436055.02 3710337.35 18.28534 (19122019) 436050.79 3710314.56 18.29549 (18012922)
436046.56 3710291.78 18.11318 (21110503) 436042.33 3710268.99 17.93194 (17121022)
436093.07 3710542.42 18.65404 (19120507) 436101.01 3710565.24 18.95806 (19123003)
436108.95 3710588.06 19.10458 (19123003) 436116.88 3710610.88 19.26729 (19121620)
435994.30 3710552.00 17.32019 (19120507) 435989.98 3710528.72 17.04831 (20021207)

3710442.24 15.74638 (17021101)
  435868.99 3710418.54 15.75543 (20010520) 435864.59
3710394.85 15.68413 (19121205)
  435860.19 3710371.15 15.60349 (19121607) 435855.80
3710347.45 15.59317 (19121502)
  435851.40 3710323.75 15.54106 (17121306) 435847.00
3710300.06 15.57579 (20022624)
  435842.60 3710276.36 15.62682 (18012922) 435904.17
3710608.12 16.30467 (19121620)
  435912.11 3710630.94 16.37439 (17012421) 435920.05
3710653.76 16.50466 (18122921)
  435927.98 3710676.58 16.54240 (20021203) 435805.52
3710618.32 15.39375 (21010422)
  435801.31 3710595.67 15.25361 (18011607) 435797.11
3710573.02 15.19335 (18120223)
  435792.91 3710550.36 14.99449 (19120507) 435788.70
3710527.71 14.71881 (18121323)
  435784.50 3710505.06 14.71195 (19123005) 435780.30
3710482.41 14.68807 (21022402)
  435776.09 3710459.76 14.68513 (18010505) 435771.89
3710437.10 14.66865 (18112206)
  435767.68 3710414.45 14.72428 (18112206) 435763.48
3710391.80 14.58237 (21011722)
  435759.28 3710369.15 14.54214 (19121205) 435755.07
3710346.50 14.50275 (18012301)
  435750.87 3710323.84 14.53356 (18121622) 435746.66
3710301.19 14.45510 (18061924)
  435742.46 3710278.54 14.50289 (20022624) 435809.72
3710640.97 15.47403 (21020904)
  435817.66 3710663.79 15.58015 (19013002) 435825.60
3710686.61 15.65298 (18020507)
  435833.53 3710709.43 15.68770 (19011806) 435711.00
3710650.78 15.48803 (19123004)
  435706.72 3710627.74 15.10082 (17121321) 435702.44
3710604.70 14.65886 (19010508)
  435698.17 3710581.66 14.37583 (18102607) 435693.89
3710558.63 14.24803 (19011221)
  435689.62 3710535.59 13.95427 (21021603) 435685.34
3710512.55 13.82863 (19123005)
  435681.07 3710489.51 14.02666 (18120908) 435676.79
3710466.47 14.09647 (17021401)
  435672.51 3710443.43 14.08480 (18010505) 435668.24
3710420.39 14.09143 (21010722)
  435663.96 3710397.35 13.91686 (21010722) 435659.69
3710374.31 13.70755 (18112206)
  435655.41 3710351.27 13.57611 (18122121) 435651.14
3710328.23 13.54459 (18012301)
  435646.86 3710305.19 13.59041 (18121622) 435642.59
3710282.16 13.51149 (19122122)
  435715.27 3710673.82 15.46861 (18020722) 435723.21

3710696.64   15.43393 (18020722)
        435731.14   3710719.46   15.54850 (18011622)   435739.08
3710742.28   15.54317 (18011622)
        435616.48   3710683.29   14.94650 (18020722)   435612.14
3710659.90   14.93084 (19123004)
        435607.80   3710636.51   14.93858 (21022405)   435603.46
3710613.13   14.90341 (19021507)
        435599.12   3710589.74   15.15534 (18020824)   435594.78
3710566.36   15.05540 (20012322)
        435590.44   3710542.97   14.84112 (19010508)   435586.10
3710519.59   14.57422 (18102607)
        435581.76   3710496.20   14.43215 (17120122)   435577.42
3710472.81   14.16434 (20100804)
        435573.08   3710449.43   13.86340 (17120122)   435568.74
3710426.04   13.67448 (21013124)
        435564.40   3710402.66   13.55131 (21010722)   435560.06
3710379.27   13.05386 (21013124)
        435555.72   3710355.89   12.87419 (21011722)   435551.38
3710332.50   12.76458 (18122121)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                  INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                 L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                 L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                 L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        435620.82   3710706.67       14.91490  (18020722)               435628.76
3710729.49       15.08159  (17031607)
        435636.69   3710752.31       15.28713  (18011622)               435644.63
3710775.13       15.78247  (21010120)
        437027.39   3710326.68      100.45489  (20112504)               437038.31
3710349.01      101.13633  (21120423)
        437049.22   3710371.33       92.56212  (21122423)               436982.47
3710348.64       86.10811  (19120805)
        436993.39   3710370.97       91.57477  (19111203)               437004.30
3710393.30      100.19470  (19062806)
        436937.55   3710370.61       66.25471  (18020421)               436948.47
3710392.93       71.88362  (20101104)
        436959.39   3710415.26       79.22617  (20102504)               436881.72
3710370.24       49.42528  (18120808)
        436892.63   3710392.57       52.12735  (18020108)               436903.55
3710414.89       56.84673  (19121508)
        436914.47   3710437.22       65.00522  (20101104)               436836.80
3710392.20       43.41901  (20012308)
        436847.72   3710414.53       43.88925  (20012308)               436858.63
3710436.86       46.35944  (17122808)
        436869.55   3710459.18       52.44671  (20020723)               436791.88
3710414.17       39.49049  (20102504)
        436802.80   3710436.49       40.73747  (21110223)               436813.71
3710458.82       42.26982  (21110223)
        436824.63   3710481.15       48.14330  (20020723)               436746.96
3710436.13       37.87380  (21110223)
        436757.88   3710458.46       38.47388  (20102504)               436768.80
3710480.78       39.22044  (20010308)
        436779.71   3710503.11       41.85488  (20010308)               436692.82
3710435.94       34.98584  (19062806)
        436702.05   3710458.09       34.46431  (19062806)               436712.96
3710480.42       34.71166  (20030806)
        436723.88   3710502.75       35.01667  (21110503)               436734.80
3710525.07       35.24802  (20030806)
        436650.21   3710463.44       31.84848  (18121805)               436668.04
3710502.38       31.62192  (20010308)
        436678.96   3710524.71       31.96190  (20010308)               436689.88
3710547.04       32.57912  (18102607)
        436604.52   3710483.56       29.73871  (20010308)               436623.13
3710524.34       30.17600  (21012106)
        436634.04   3710546.67       30.60619  (18121323)               436644.96
3710569.00       31.03646  (21011622)
        436513.14   3710523.79       26.78365  (17121107)               436503.92
3710501.64       26.59777  (20121420)
        436522.37   3710545.94       27.14755  (19120306)               436533.29
3710568.27       27.50192  (17122722)
        436544.21   3710590.60       27.89702  (18020722)               436555.12
3710612.92       28.24870  (20101322)
        436424.46   3710570.49       24.82676  (21021603)               436443.45
3710612.20       25.27394  (21020904)
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        436454.37   3710634.52       25.54261  (18122520)                436465.29
3710656.85       25.77454  (20010306)
        436333.47   3710611.64       22.97686  (17121120)                436324.24
3710589.49       22.75797  (20101601)
        436315.01   3710567.34       22.54664  (18120223)                436342.70
3710633.79       23.05408  (18020507)
        436353.62   3710656.12       23.26831  (21111121)                436364.53
3710678.45       23.49470  (19022706)
        436375.45   3710700.77       23.73707  (17121723)                436244.56
3710657.78       21.22319  (19011806)
        436227.95   3710617.91       21.01906  (21020904)                436263.78
3710700.05       21.52217  (18122522)
        436274.70   3710722.37       21.76771  (21012123)                436285.61
3710744.70       21.89097  (19120924)
        436153.80   3710699.49       19.75024  (18122601)                436144.57
3710677.34       19.60632  (17121219)
        436135.34   3710655.19       19.49945  (17011721)                436126.11
3710633.04       19.38533  (21010422)
        436163.03   3710721.65       19.85321  (19010402)                436173.94
3710743.97       20.03834  (18021320)
        436184.86   3710766.30       20.13466  (21102806)                436195.78
3710788.63       20.37323  (20012721)
        436064.73   3710745.27       18.34836  (19010402)                436047.81
3710704.65       18.19309  (18011106)
        436084.11   3710787.90       18.58350  (21122904)                436095.03
3710810.22       18.72506  (21122420)
        436105.94   3710832.55       18.82956  (18020405)                435974.13
3710787.34       17.00058  (19011305)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 569
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                  L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                  L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                  L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	16.91544	(17022702)	435955.67	3710743.04	16.85105	(18122601)
435946.44	3710720.89	16.72303	(21020822)	435937.21	3710698.74	16.62037	(17011721)
435983.36	3710809.50	17.07675	(18020405)	435994.27	3710831.82	17.20206	(21021703)
436005.19	3710854.15	17.31074	(20012721)	436016.11	3710876.48	17.50722	(21011420)
435884.95	3710832.85	16.58344	(18011021)	435867.81	3710791.71	16.33123	(19122020)
435850.67	3710750.57	15.86211	(18122522)	435904.44	3710875.75	16.84407	(20122621)
435915.35	3710898.08	16.82330	(21032707)	435926.27	3710920.40	16.78319	(18020501)
435794.45	3710875.20	16.42675	(17021320)	435785.23	3710853.04	16.63356	(20012005)
435776.00	3710830.89	16.81074	(20090605)	435766.77	3710808.74	16.65800	(20012005)
435757.54	3710786.59	16.28155	(18122524)	435748.31	3710764.43	15.83553	(19013107)
435803.68	3710897.35	16.30969	(20122621)	435814.60	3710919.67	16.15309	(21032707)
435825.52	3710942.00	15.96327	(20122621)	435836.43	3710964.33	15.76864	(19011808)
435705.19	3710920.51	15.74030	(21011701)	435687.89	3710878.97	16.23726	(17080606)
435670.59	3710837.43	16.67362	(19010501)	435724.76	3710963.60	15.52051	(21022401)
435735.68	3710985.93	15.10938	(17120823)	435746.60	3711008.25	14.82841	(20012702)
437052.65	3710321.47	61.78833	(21021807)	437017.82	3710373.27	101.45098	(19121223)
436964.72	3710362.63	77.90174	(18101406)	436881.73	3710306.83	49.70752	(17011808)
436863.46	3710244.40	48.57539	(20122405)	436828.63	3710296.20	44.18729	(18121508)
436810.36	3710233.77	43.55796	(21011402)	436662.66	3710184.60	34.52077	(20020119)
436538.19	3710100.90	29.33356	(19122108)	436383.83	3709972.03	24.28143	(20112104)
436289.23	3709933.50	21.99816	(18020202)	436123.27	3709821.90	18.65528	(21011406)
435920.75	3709585.43	15.13175	(18012419)	436987.78			

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3710422.82       93.96781  (20102504)
        436981.82   3710445.14       96.28607  (20112424)                436975.87
3710467.47       94.67799  (19121506)
        436969.92   3710489.80       93.78753  (20112424)                436921.61
3710476.92       79.22820  (20020723)
        436904.79   3710367.02       54.89956  (20122108)                436851.94
3710364.15       45.71868  (20102504)
        436776.67   3710438.27       39.31433  (21110223)                436746.22
3710358.41       38.08151  (20101104)
        436726.55   3710282.45       37.08697  (19122108)                436691.95
3710367.85       35.07025  (19062806)
        436618.82   3710281.14       31.42412  (19120805)                436589.38
3710364.41       30.66351  (21090405)
        436570.02   3710269.33       29.39304  (20022801)                436612.64
3710175.47       32.19669  (18012923)
        436535.11   3710373.86       28.41123  (20030806)                436465.44
3710261.09       26.23757  (18011322)
        436483.63   3710221.04       26.74029  (18020401)                436501.81
3710180.99       27.82798  (17122808)
        436520.00   3710140.95       28.70647  (19122108)                436438.49
3710348.09       25.62574  (20120818)
        436369.27   3710234.32       23.85814  (20120804)                436378.82
3710213.30       23.97711  (18020723)
        436388.37   3710192.27       24.17771  (19012722)                436397.91
3710171.25       24.40958  (18010223)
        436407.46   3710150.22       24.69735  (18010224)                436417.01
3710129.20       25.32916  (19120805)
        436426.56   3710108.17       25.69970  (20022721)                436436.11
3710087.15       25.99292  (17112219)
        436445.65   3710066.12       26.29082  (18011402)                436272.19
3710209.56       21.70036  (18020222)
        436290.38   3710169.51       22.00733  (18011322)                436308.56
3710129.47       22.25611  (18010223)
        436326.75   3710089.42       22.97358  (18011204)                436344.94
3710049.37       23.57172  (17010805)
        436363.12   3710009.32       23.91675  (18011402)                436175.92
3710183.03       20.02634  (20120804)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 570
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
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, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436185.36   3710162.23       19.91547  (18020723)               436194.80
3710141.44       20.16122  (18112723)
        436204.25   3710120.64       20.31236  (18011120)               436213.69
3710099.85       20.38278  (18020401)
        436223.13   3710079.06       20.50182  (18013122)               436232.58
3710058.26       20.63739  (17120202)
        436242.02   3710037.47       21.15136  (17121901)               436251.46
3710016.67       21.44181  (19012804)
        436260.90   3709995.88       21.63375  (18011404)               436270.35
3709975.09       21.80194  (17112219)
        436279.79   3709954.29       21.88431  (20101302)               436166.47
3710203.82       20.16835  (21070705)
        436160.52   3710226.15       20.08200  (21070705)               436078.94
3710158.03       18.55007  (18112723)
        436097.13   3710117.98       18.49600  (18011322)               436115.32
3710077.94       18.73405  (18011120)
        436133.50   3710037.89       18.86884  (18010304)               436151.69
3709997.84       19.27718  (18012704)
        436169.88   3709957.79       19.84042  (20011821)               436188.06
3709917.75       20.05850  (17112219)
        436063.90   3710200.38       18.24891  (19110604)               435982.60
3710131.64       17.24301  (21011401)
        435991.98   3710110.99       17.17910  (20120804)               436001.36
3710090.34       17.05193  (21011401)
        436010.74   3710069.69       17.19244  (18011322)               436020.11
3710049.04       17.29266  (20122319)
        436029.49   3710028.39       17.32226  (18011803)               436038.87
3710007.74       17.39146  (18013122)
        436048.25   3709987.09       17.52824  (18010304)               436057.62
3709966.45       17.58962  (18010222)
        436067.00   3709945.80       17.92379  (18011204)               436076.38
3709925.15       18.19630  (20011821)
        436085.76   3709904.50       18.38559  (18012924)               436095.13
3709883.85       18.46024  (20121807)
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        436104.51   3709863.20       18.53585  (17122624)                436113.89
3709842.55       18.60671  (18011205)
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3710174.62       17.26660  (19110604)
        435961.32   3710196.94       17.28129  (21070705)                435894.79
3710086.48       15.93604  (21011805)
        435912.98   3710046.43       15.86025  (19122121)                435931.16
3710006.38       16.09573  (20122319)
        435949.35   3709966.34       16.09911  (20022706)                435967.54
3709926.29       16.30408  (18010223)
        435985.72   3709886.24       16.80873  (20121601)                436003.91
3709846.19       17.16614  (18011404)
        436022.10   3709806.15       17.22072  (17122624)                435807.98
3710039.11       14.93160  (20120804)
        435817.31   3710018.56       14.82034  (18020222)                435826.64
3709998.01       14.88591  (20121923)
        435835.97   3709977.46       14.95539  (18020723)                435845.31
3709956.91       15.01992  (19012621)
        435854.64   3709936.36       14.97210  (18011803)                435863.97
3709915.81       15.02806  (19011822)
        435873.30   3709895.25       15.11407  (17122701)                435882.64
3709874.70       15.20140  (18010222)
        435891.97   3709854.15       15.42012  (18022323)                435901.30
3709833.60       15.73700  (18011204)
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3709792.50       15.97916  (17121205)
        435929.30   3709771.95       16.02263  (18011404)                435938.63
3709751.40       16.05038  (18011205)
        435947.97   3709730.85       16.12050  (18010507)                435768.07
3710145.42       14.70284  (21031806)
        435721.55   3709990.90       13.92978  (21011401)                435731.09
3709969.87       13.88524  (18020723)
        435740.64   3709948.85       14.01121  (18011322)                435750.19
3709927.82       14.04427  (19012621)
        435759.74   3709906.80       14.05127  (18011803)                435769.29
3709885.77       14.06487  (19012722)
        435778.83   3709864.75       14.06519  (19011822)                435788.38
3709843.72       14.10503  (17121519)
        435797.93   3709822.70       14.16925  (20020106)                435807.48
3709801.67       14.42120  (21111303)
        435817.03   3709780.65       14.66667  (17121901)                435826.57
3709759.62       14.76847  (20011821)
        435836.12   3709738.60       14.77861  (20112104)                435845.67
3709717.57       14.81286  (21013123)
        435855.22   3709696.55       14.85623  (18012923)                435864.77
3709675.52       14.93084  (20012308)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	13.17874	(18011322)	435661.13	3709885.40	13.34650	(21041604)
435670.43	3709864.92	13.27685	(21020101)	435679.73	3709844.44	13.30835	(18020401)
435689.03	3709823.97	13.34669	(18020721)	435698.33	3709803.49	13.31868	(18020204)
435707.63	3709783.01	13.32200	(21122021)	435716.93	3709762.53	13.39267	(18020404)
435726.23	3709742.05	13.63916	(18012704)	435735.53	3709721.57	13.77978	(20011821)
435744.83	3709701.09	13.83754	(20011821)	435754.13	3709680.61	13.88371	(19012001)
435772.73	3709639.66	14.00236	(19122108)	436969.01	3710524.96	95.08778	(20102504)
436970.50	3710565.89	94.89831	(21110503)	436918.30	3710506.32	77.61664	(20102504)
436919.79	3710547.25	69.75515	(20020723)	436921.28	3710588.18	66.83197	(21110503)
436869.98	3710493.44	62.33206	(20020723)	436869.07	3710528.60	57.53655	(20020723)
436870.56	3710569.53	49.39514	(19011808)	436818.36	3710509.96	48.21789	(19062806)
436819.85	3710550.89	40.24387	(21110503)	436821.34	3710591.82	39.47943	(21110503)
436769.14	3710532.24	37.50197	(18031907)	436770.63			

3710573.17 36.40481 (18020824)
436724.39 3710460.67 35.93293 (19062806) 436719.92
3710554.52 33.75753 (18102607)
436721.41 3710595.45 34.17529 (21111121) 436674.25
3710463.96 32.89858 (20030806)
436670.70 3710576.81 32.01559 (21013122) 436625.11
3710458.43 30.89036 (21110503)
436620.73 3710578.63 30.21781 (17021522) 436570.66
3710500.15 28.56826 (20022720)
436569.27 3710539.52 28.51611 (18121323) 436570.76
3710580.45 28.61760 (18121323)
436522.70 3710484.12 27.24845 (20022720) 436526.84
3710447.36 27.41200 (20022720)
436530.97 3710410.61 27.90229 (20120818) 436521.54
3710602.73 27.25630 (21011622)
436423.04 3710485.30 24.52764 (20122201) 436427.45
3710446.10 24.92560 (20022720)
436431.87 3710406.90 24.98066 (18012922) 436419.37
3710544.97 24.60176 (18120223)
436421.61 3710606.37 24.79561 (21020904) 436320.80
3710509.44 22.33933 (20121420)
436325.01 3710472.01 22.47982 (20101321) 436329.22
3710434.59 22.64374 (21101620)
436333.44 3710397.17 22.83297 (18012922) 436337.65
3710359.75 23.00968 (21012104)
436220.97 3710512.18 20.52035 (20122224) 436225.38
3710472.98 20.69825 (20122619)
436229.79 3710433.78 20.81317 (18122121) 436234.21
3710394.57 21.01102 (19012620)
436120.95 3710516.52 18.90307 (19123005) 436125.21
3710478.72 19.08373 (20122224)
436129.46 3710440.91 19.20599 (21090203) 436133.72
3710403.11 19.26058 (19122021)
436137.98 3710365.31 19.47229 (19122019) 436021.10
3710519.46 17.51294 (20021604)
436025.51 3710480.25 17.65809 (18010505) 436029.92
3710441.05 17.76825 (20010520)
436034.34 3710401.85 17.84399 (19121205) 436019.64
3710559.52 17.72262 (18121323)
435921.23 3710522.48 16.14117 (19121924) 435925.78
3710482.05 16.39489 (17121107)
435930.34 3710441.63 16.43441 (17021101) 435934.89
3710401.20 16.61288 (19121205)
435919.70 3710563.16 16.42574 (18121323) 435821.23
3710526.73 15.04668 (20021207)
435825.64 3710487.53 15.17959 (18013107) 435830.06
3710448.33 15.26668 (18010202)
435834.47 3710409.12 15.35155 (20010520) 435819.77
3710566.80 15.39941 (18120223)
435721.36 3710529.86 14.10233 (21021603) 435725.88

3710489.62   14.15219 (18013107)
        435730.41   3710449.39   14.24169 (20122224)   435734.94
3710409.15   14.41895 (19041204)
        435757.59   3710207.98   14.55471 (19012903)   435719.84
3710570.44   14.47571 (18121323)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435621.36   3710534.01   14.38559 (19010508)   435625.78
3710494.81   14.20748 (20121902)
        435630.19   3710455.60   14.07492 (18010505)   435634.60
3710416.40   13.84598 (21011722)
        435619.90   3710574.08   14.94715 (19020108)   435521.48
3710537.20   14.74094 (20070706)
        435525.99   3710497.11   14.59612 (17120122)   435530.51
3710457.01   14.16852 (18010505)
        435535.02   3710416.92   13.58343 (21013124)   435519.97
3710577.71   14.90942 (18121323)
        435521.46   3710618.64   14.44063 (19022422)   436953.73
3710589.22   86.73207 (20101104)
        436939.59   3710607.08   80.03886 (20091405)   436925.45
3710624.94   71.85247 (21110223)
        436942.81   3710522.47   83.66738 (20102504)   436900.39
3710576.05   56.00750 (17021608)

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        436886.25   3710593.91       52.34460  (21011420)              436889.47
3710509.29       69.26731  (20102504)
        436847.05   3710562.87       43.92107  (19011808)              436850.26
3710478.25       52.72227  (20020723)
        436807.84   3710531.83       41.60214  (17021608)              436825.20
3710429.36       42.08922  (19062806)
        436651.04   3710407.69       32.16670  (21090405)              436522.51
3710247.82       27.88756  (17011608)
        436508.37   3710265.68       27.42221  (21020101)              436494.23
3710283.54       27.62542  (21110223)
        436472.39   3710150.03       27.05639  (18011204)              436415.83
3710221.47       24.86965  (18011120)
        436393.99   3710087.96       24.79004  (17013104)              436379.85
3710105.82       24.33673  (21111303)
        436315.58   3710025.89       22.84447  (17010805)              436237.18
3709963.81       21.12002  (18012923)
        436223.04   3709981.67       20.89604  (19012001)              436158.78
3709901.74       19.51189  (17122721)
        436144.64   3709919.60       19.36856  (17013024)              436080.38
3709839.67       18.11334  (17122624)
        436066.24   3709857.53       17.96698  (18011404)              436001.97
3709777.60       16.88043  (18010507)
        435987.83   3709795.46       16.75632  (18011323)              435973.69
3709813.32       16.66672  (19012001)
        435923.57   3709715.52       15.75868  (18010507)              435909.43
3709733.38       15.62690  (17122624)
        435895.29   3709751.24       15.54808  (19010823)              435881.15
3709769.10       15.44810  (17121205)
        435845.17   3709653.45       14.65684  (21111424)              435831.03
3709671.31       14.57696  (20012308)
        435816.89   3709689.17       14.47168  (17122721)              435802.75
3709707.03       14.36274  (19012001)
        436914.85   3710651.52       67.64839  (21090404)              436911.28
3710691.41       73.06760  (21101622)
        436907.71   3710731.30       75.76263  (20050502)              436872.11
3710629.34       49.41722  (21011420)
        436863.26   3710667.01       47.19767  (20122808)              436859.69
3710706.90       47.05631  (20050504)
        436856.12   3710746.79       46.27926  (21011908)              436821.61
3710626.66       39.45784  (18011908)
        436813.46   3710662.55       39.40600  (21010124)              436809.89
3710702.44       39.55625  (21010124)
        436806.32   3710742.33       39.84091  (21032107)              436772.51
3710620.42       36.86051  (21011704)
        436793.71   3710567.27       37.52277  (18031907)              436763.66
3710658.09       36.55007  (18020501)
        436760.09   3710697.98       36.65260  (20120823)              436756.52
3710737.87       36.90946  (21010124)
        436742.14   3710567.24       34.83297  (18031607)              436715.65
3710633.68       34.11257  (21011701)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	28.44134	(17121122)	436557.31	3710720.04	28.48523	(20012721)
436545.80	3710542.25	27.84813	(19072406)	436575.15	3710468.65	28.80149	(20010308)
436514.66	3710635.79	27.12395	(19011806)	436511.09	3710675.68	26.98164	(21021302)
436507.51	3710715.58	26.99660	(17021323)	436473.71			

3710593.67 26.05631 (18020722)
436487.84 3710558.23 26.25661 (21021603) 436558.50
3710381.05 28.99859 (20030806)
436459.50 3710691.17 25.63848 (19120924) 436374.11
3710584.75 23.76327 (18122719)
436388.24 3710549.31 23.96490 (19011221) 436473.03
3710336.70 26.97816 (20030806)
436365.25 3710622.42 23.54481 (21111318) 436274.51
3710575.83 21.80432 (18012918)
436380.50 3710310.06 24.64570 (19062806) 436394.63
3710274.63 24.68913 (21011401)
436265.65 3710613.50 21.68740 (20101601) 436175.21
3710566.14 20.11426 (20012322)
436278.44 3710307.31 21.72286 (21012104) 436293.19
3710270.33 22.94537 (19062806)
436307.93 3710233.35 22.76413 (21110223) 436166.05
3710604.58 19.98830 (20101601)
436162.48 3710644.47 19.95358 (20121422) 436075.57
3710557.31 18.53375 (20021207)
436178.31 3710299.72 20.00772 (17121022) 436192.98
3710262.92 20.26467 (21070705)
436207.66 3710226.12 20.99734 (20030806) 436066.45
3710595.66 18.46800 (19011221)
436062.88 3710635.55 18.44291 (21010422) 436059.31
3710675.44 18.34311 (20021203)
436012.49 3710456.82 17.45551 (19121202) 436078.28
3710291.86 18.45445 (19012701)
436092.90 3710255.20 18.61986 (20101104) 436107.52
3710218.54 18.86967 (17121024)
435968.63 3710566.80 17.06326 (19120507) 435965.06
3710606.69 17.09877 (19122001)
435961.49 3710646.58 17.03093 (17021522) 435905.47
3710466.52 16.16040 (17120804)
435971.05 3710302.07 17.28421 (18012922) 435985.63
3710265.53 17.21670 (19012701)
436000.20 3710228.99 17.37659 (17121022) 436014.77
3710192.44 17.77769 (19110604)
436029.35 3710155.90 17.86526 (21011401) 435869.03
3710557.88 15.82959 (19120507)
435865.46 3710597.77 15.85747 (19011221) 435861.89
3710637.66 15.78836 (17021522)
435805.77 3710457.84 15.01722 (17120804) 435834.85
3710384.94 15.34109 (21010122)
435871.19 3710293.82 15.97814 (18012922) 435885.72
3710257.37 15.99266 (21012104)
435900.26 3710220.92 16.13684 (17121022) 435914.79
3710184.47 16.49875 (20101104)
435929.33 3710148.02 16.70618 (19110604) 435769.43
3710548.96 14.75504 (19120507)
435765.86 3710588.85 14.91162 (19120306) 435762.29

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3710628.74       15.11757  (17122722)
        435706.09   3710449.12       14.15566  (21010822)               435735.10
3710376.38       14.31064  (19121205)
        435771.36   3710285.46       14.77131  (20022624)               435785.87
3710249.09       15.03576  (18012922)
        435800.37   3710212.72       14.94744  (19012903)               435814.87
3710176.35       15.09083  (20120818)
        435829.38   3710139.99       16.05129  (19110604)               435843.88
3710103.62       15.42514  (21110223)
        435668.04   3710559.99       14.15560  (21051906)               435664.47
3710599.88       14.74183  (19010508)
        435660.90   3710639.77       15.21706  (19123004)               435599.18
3710458.52       14.01534  (17121107)
        435628.14   3710385.92       13.47289  (21013124)               435671.57
3710277.02       13.73119  (20020103)
        435686.05   3710240.72       14.12681  (18012922)               435700.52
3710204.42       14.05523  (19012903)
        435715.00   3710168.12       14.17872  (21012104)               435729.48
3710131.82       14.42277  (21031806)
        435743.95   3710095.52       14.95424  (20030806)               435794.62
3709968.47       14.53928  (18011322)
        435568.44   3710551.07       14.95750  (20012322)               435564.87
3710590.96       14.99401  (21051906)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 574
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                   INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
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        436627.42   3710866.01       30.81915  (21120706)               436622.35
3710830.63       30.62028  (20022905)
        436617.27   3710795.25       30.53636  (20120823)               436612.19
3710759.87       30.32398  (21010423)
        436736.48   3711029.27       38.43455  (18060804)               436677.68
3711037.94       35.31069  (19050206)
        436656.74   3711007.73       35.62732  (21070406)               436635.79
3710977.52       35.44520  (18120418)
        436614.84   3710947.30       31.30641  (21101622)               436593.90
3710917.09       29.54231  (20091302)
        436580.81   3710883.79       29.38055  (17120305)               436575.59
3710847.40       29.14237  (20021124)
        436570.37   3710811.01       29.03341  (18010320)               436565.15
3710774.62       28.76926  (21010423)
        436703.04   3711066.44       35.93738  (18070905)               436644.00
3711074.77       33.80687  (20092305)
        436622.58   3711043.87       31.69564  (21021007)               436601.16
3711012.97       30.66781  (18121608)
        436579.73   3710982.07       30.51594  (20051206)               436558.31
3710951.17       28.20487  (20120821)
        436534.22   3710901.66       27.83878  (20123003)               436528.88
3710864.45       27.69190  (19011802)
        436523.54   3710827.23       27.66971  (19011802)               436518.20
3710790.01       27.34638  (17021402)
        436512.85   3710752.79       27.23836  (17120823)               436669.59
3711103.60       33.83670  (20110201)
        436610.36   3711111.65       32.62571  (20092305)               436588.54
3711080.18       30.48561  (21051024)
        436566.72   3711048.70       28.71429  (21051024)               436544.90
3711017.23       28.57198  (21021003)
        436523.08   3710985.76       27.28451  (18122408)               436501.26
3710954.29       26.52868  (18010108)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 575
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                 INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                 L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
                 L0003960    , L0003961    , L0003962    , L0003963    , L0003964
, L0003965    , L0003966    , L0003967    ,
                 L0003968    , L0003969    , L0003970    , L0003971    , L0003972
, L0003973    , L0003974    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	26.29331	(18122519)	436482.19	3710881.70	26.23449	(19121405)
436476.75	3710843.79	26.22551	(21010202)	436471.31	3710805.88	26.02720	(17012005)
436465.87	3710767.98	25.95019	(20042320)	436460.43	3710730.07	25.74377	(18011021)
436636.15	3711140.77	32.39477	(20110201)	436543.15	3711185.53	30.07302	(19050206)
436520.71	3711153.16	28.33132	(21051024)	436498.27	3711120.79	26.54548	(21102222)
436475.83	3711088.42	25.72757	(21041803)	436453.38	3711056.05	24.92721	(20030803)
436430.94	3711023.68	24.64701	(20120821)	436408.50	3710991.31	24.11876	(18010108)
436394.48	3710955.63	23.89324	(18123106)	436388.89	3710916.64	23.87007	(20021124)
436383.29	3710877.65	23.79334	(21010301)	436377.69	3710838.66	23.66067	(18121203)
436372.10	3710799.67	23.75015	(21011704)	436366.50	3710760.68	23.59934	(18122421)
436360.91	3710721.69	23.39208	(20122804)	436569.25	3711215.11	29.44706	(20121320)
436476.70	3711260.50	26.28165	(20091403)	436455.14	3711229.40	26.29638	(21051024)
436433.58	3711198.30	24.95317	(21090424)	436412.02	3711167.20	23.51809	(20091302)
436390.45	3711136.10	23.27159	(21021003)	436368.89	3711105.00	22.82981	(18122408)
436347.33	3711073.90	22.55964	(20120821)	436325.77	3711042.79	22.13831	(21120706)
436301.52	3710992.96	21.71704	(18020901)	436296.14	3710955.50	21.72102	(20122808)
436290.76	3710918.04	21.66711	(20123102)	436285.39	3710880.58	21.65781	(20021121)
436280.01	3710843.12	21.67561	(17021319)	436274.64	3710805.66	21.74320	(17120823)
436269.26	3710768.20	21.65279	(21122420)	436502.36	3711289.44	27.09978	(18070905)
436409.57	3711334.48	23.94333	(17010423)	436387.52			

3711302.68   24.23801 (21051024)
        436365.47   3711270.88   23.48483 (21090424)   436343.42
3711239.08   22.10805 (17061804)
        436321.37   3711207.27   21.51958 (18121608)   436299.33
3711175.47   21.26984 (20111823)
        436277.28   3711143.67   21.04722 (18122408)   436255.23
3711111.87   20.62394 (21120706)
        436233.18   3711080.07   20.35494 (17120305)   436208.38
3711029.11   20.06081 (20121004)
        436202.89   3710990.81   20.01928 (19010705)   436197.39
3710952.50   19.95348 (19010706)
        436191.89   3710914.19   19.92244 (18121106)   436186.39
3710875.89   19.89330 (21012201)
        436180.90   3710837.58   20.07599 (17120823)   436175.40
3710799.28   20.02174 (21021505)
        436435.47   3711363.78   24.35957 (21031805)   436342.48
3711408.53   21.68394 (20011708)
        436320.04   3711376.16   21.97951 (20030803)   436297.60
3711343.79   21.85475 (21021007)
        436275.15   3711311.42   20.75399 (21101622)   436252.71
3711279.05   20.42904 (21121308)
        436230.27   3711246.68   20.73673 (20051206)   436207.83
3711214.31   19.84321 (21121308)
        436185.38   3711181.94   19.49350 (20091302)   436162.94
3711149.57   18.96817 (19012107)
        436140.50   3711117.20   18.89528 (18010108)   436115.26
3711065.34   18.58840 (19010623)
        436109.66   3711026.35   18.55078 (19010705)   436104.07
3710987.36   18.47355 (17022806)
        436098.47   3710948.37   18.43243 (18121106)   436092.88
3710909.38   18.38718 (20102307)
        436087.28   3710870.39   18.49664 (21011704)   436081.69
3710831.40   18.45694 (21122420)
        436368.58   3711438.11   22.32358 (20011708)   436275.43
3711482.63   20.27947 (17010423)
        436252.66   3711449.79   20.00855 (21051024)   436229.89
3711416.96   20.44975 (21070406)
        436207.12   3711384.12   19.98763 (19073006)   436184.36
3711351.28   20.26926 (18120418)
        436161.59   3711318.44   19.93049 (20051206)   436138.82
3711285.60   18.90483 (20051206)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE3   ***
                                INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436116.05   3711252.76   18.28713 (21031807)   436093.29
3711219.92   17.85868 (20120821)
        436070.52   3711187.08   17.59780 (19012107)   436047.75
3711154.24   17.38293 (18123106)
        436022.15   3711101.62   17.20633 (21010201)   436016.47
3711062.07   17.19580 (20121407)
        436010.79   3711022.52   17.19216 (21020906)   436005.12
3710982.96   17.15854 (18121106)
        435999.44   3710943.41   17.18508 (19021006)   435993.76
3710903.85   17.29897 (21011704)
        435965.38   3710706.08   17.00333 (20012004)   436301.69
3711512.44   20.53506 (18070905)
        436208.84   3711557.41   18.80867 (17010423)   436186.69
3711525.46   18.88328 (19050206)
        436164.53   3711493.50   19.48280 (21051024)   436142.38
3711461.55   18.73173 (20102407)
        436120.22   3711429.59   19.47767 (19012906)   436098.07
3711397.63   19.57823 (21121308)
        436075.91   3711365.68   19.03793 (17011605)   436053.76
3711333.72   18.01327 (18011224)
        436031.61   3711301.77   17.63136 (20091302)   436009.45
3711269.81   17.17724 (21053006)
        435987.30   3711237.86   16.50643 (18081006)   435965.14
3711205.90   16.34626 (17120305)
        435942.99   3711173.95   16.20920 (18122519)   435929.15
3711138.73   16.24848 (17022107)
        435923.62   3711100.24   16.18091 (20011602)   435918.10
3711061.75   16.13987 (17121105)
        435912.58   3711023.26   16.10114 (17021319)   435907.05
3710984.77   16.13807 (18121203)

```
        435901.53   3710946.28       16.46258  (17120823)               435873.91
3710753.83       15.96447  (18122522)
        435868.39   3710715.34       15.88728  (17121219)               435862.87
3710676.85       15.85364  (18031607)
        436234.80   3711586.78       19.02170  (18070905)               436141.81
3711631.54       17.82025  (20122122)
        436119.37   3711599.17       17.72904  (17010423)               436096.92
3711566.80       18.10774  (21051024)
        436074.48   3711534.43       17.74334  (18060804)               436052.04
3711502.06       18.83530  (21012203)
        436029.60   3711469.69       18.92777  (21021007)               436007.15
3711437.32       18.73548  (20101620)
        435984.71   3711404.95       18.67073  (18121021)               435962.27
3711372.58       18.06961  (18011224)
        435939.83   3711340.21       17.17036  (18122518)               435917.38
3711307.84       17.03039  (21053006)
        435894.94   3711275.47       16.16545  (21120706)               435872.50
3711243.10       15.83248  (18010805)
        435850.06   3711210.73       15.82910  (20120318)               435836.04
3711175.05       15.94466  (20120822)
        435830.44   3711136.06       15.92620  (20012101)               435824.85
3711097.07       15.64040  (17021907)
        435819.25   3711058.08       15.29501  (17123101)               435813.66
3711019.09       15.23287  (20021201)
        435808.06   3710980.10       15.37173  (21010919)               435802.47
3710941.11       15.95360  (18011801)
        435780.09   3710785.15       16.25171  (20090605)               435774.49
3710746.16       15.59739  (19021508)
        435768.89   3710707.17       15.45467  (18011401)               435763.30
3710668.18       15.29808  (20121219)
        436167.91   3711661.11       18.11569  (21012023)               436074.79
3711705.69       18.66975  (20110201)
        436052.10   3711672.96       19.36266  (20091403)               436029.41
3711640.23       19.12583  (21051024)
        436006.72   3711607.50       19.01563  (21090701)               435984.03
3711574.77       18.28266  (17123002)
        435961.33   3711542.04       18.37728  (17121020)               435938.64
3711509.31       18.25703  (18123107)
        435915.95   3711476.58       18.07691  (17011605)               435893.26
3711443.85       17.96482  (18120107)
        435870.57   3711411.12       17.16111  (18011224)               435847.88
3711378.39       16.76787  (21121319)
        435825.18   3711345.66       16.56436  (17120220)               435802.49
3711312.93       15.99830  (20101307)
        435779.80   3711280.20       15.92058  (17120323)               435757.11
3711247.47       16.20845  (21021421)
        435742.93   3711211.40       16.59762  (19122321)               435737.28
3711171.98       16.57265  (20021024)
        435731.62   3711132.55       15.95426  (18020504)               435725.96
3711093.13       14.91141  (20080406)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	14.59103	(19101307)	435714.65	3711014.28	14.61718	(20012702)
435692.02	3710856.59	16.65071	(18021524)	435686.36	3710817.17	16.60776	(19122504)
435680.70	3710777.75	16.06311	(20021601)	435675.04	3710738.33	15.33690	(19021508)
435669.39	3710698.90	15.19947	(20101322)	436101.02	3711735.45	19.42565	(18070905)
436008.14	3711780.37	17.97461	(20110201)	435985.92	3711748.33	18.22359	(17010423)
435963.71	3711716.28	19.13777	(20030803)	435941.49	3711684.24	20.04615	(21090701)
435919.28	3711652.20	19.37563	(21102222)	435897.06	3711620.15	19.02906	(17061804)
435874.85	3711588.11	17.67223	(20091302)	435852.63	3711556.07	17.38185	(21102222)
435830.41	3711524.02	16.90081	(18121021)	435808.20	3711491.98	17.68486	(21031807)
435785.98	3711459.94	17.41229	(21090404)	435763.77	3711427.89	17.33821	(20120821)
435741.55	3711395.85	16.83701	(17020619)	435719.34			

3711363.81 16.36296 (19012107)
435697.12 3711331.76 16.44487 (21123122) 435674.91
3711299.72 16.42371 (17122304)
435649.92 3711248.38 16.23453 (18123105) 435644.38
3711209.79 16.21318 (20011602)
435638.84 3711171.19 15.89902 (20120503) 435633.30
3711132.59 14.69492 (17021402)
435627.76 3711094.00 14.22667 (19101307) 435622.23
3711055.40 14.27841 (20102307)
435616.69 3711016.81 15.05075 (19012904) 435611.15
3710978.21 15.61975 (21032707)
435605.61 3710939.62 15.74061 (19120305) 435600.07
3710901.02 15.99414 (17122703)
435594.53 3710862.42 16.38324 (19010501) 435588.99
3710823.83 16.33800 (17121723)
435583.45 3710785.23 15.68694 (20013019) 435577.92
3710746.64 14.82487 (21052106)
435572.38 3710708.04 14.61300 (20101322) 435566.84
3710669.45 14.62966 (18121202)
436034.13 3711809.78 18.19468 (21031805) 435941.13
3711854.54 16.41180 (21012023)
435918.69 3711822.17 16.91951 (17010423) 435896.25
3711789.80 17.26468 (21051024)
435873.81 3711757.43 18.73500 (21051024) 435851.37
3711725.06 18.77412 (21090424)
435828.92 3711692.69 18.24142 (21031805) 435806.48
3711660.32 17.39712 (21051024)
435784.04 3711627.95 16.95465 (17061804) 435761.60
3711595.58 16.01350 (20091405)
435739.15 3711563.21 16.31236 (21031807) 435716.71
3711530.84 17.14330 (21101622)
435694.27 3711498.47 17.52574 (20091302) 435671.83
3711466.10 16.22713 (20120821)
435649.39 3711433.73 16.18370 (19012107) 435626.94
3711401.36 16.06467 (19120922)
435604.50 3711368.99 15.95255 (20121004) 435582.06
3711336.62 15.75304 (18120719)
435556.82 3711284.75 15.75850 (17011423) 435551.22
3711245.76 15.78976 (17011423)
435545.63 3711206.77 15.82474 (20011301) 435540.03
3711167.78 15.33256 (19020324)
435534.44 3711128.80 14.93950 (21021523) 435528.84
3711089.81 14.88378 (17013001)
435523.25 3711050.82 15.10774 (21010123) 435517.65
3711011.83 15.75282 (21120104)
435512.06 3710972.84 15.79874 (19120305) 435506.46
3710933.85 15.89878 (21120523)
435500.86 3710894.86 15.87728 (20122804) 435495.27
3710855.87 15.86905 (17012620)
435489.67 3710816.88 15.41256 (18122524) 435484.08

3710777.89   14.43636 (18011401)
        435478.48   3710738.90   14.14438 (18011401)   435472.89
3710699.91   14.12466 (17021522)
        435467.29   3710660.92   14.06116 (18121202)   435967.24
3711884.12   16.29333 (20110201)
        436207.69   3711246.88   20.02203 (17011202)   436113.01
3711283.43   18.41481 (21101622)
        436027.25   3711334.86   17.75693 (18011224)   435941.49
3711386.29   18.11769 (18011224)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3   ***
                                 INCLUDING SOURCE(S):   L0003947   , L0003948
, L0003949   , L0003950   , L0003951   ,
                L0003952   , L0003953   , L0003954   , L0003955   , L0003956
, L0003957   , L0003958   , L0003959   ,
                L0003960   , L0003961   , L0003962   , L0003963   , L0003964
, L0003965   , L0003966   , L0003967   ,
                L0003968   , L0003969   , L0003970   , L0003971   , L0003972
, L0003973   , L0003974   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435855.73   3711437.72   17.70494 (19012902)   435769.97
3711489.16   17.10747 (21101622)
        435684.21   3711540.59   16.53658 (21090404)   436976.59
3710831.32   98.82631 (20051401)
        436963.10   3710877.99   97.64518 (20070301)   436925.91
3710862.92   82.86148 (19050206)
        436980.21   3710926.56   99.51843 (19082405)   436942.21
3710924.20   92.69459 (21070203)
        436908.75   3710910.64   81.69928 (19112623)   436967.77
3710973.29   90.12583 (19082405)
        436925.55   3710970.67   84.91707 (21111806)   436888.37
3710955.61   69.70782 (20051605)

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        436976.14   3711021.32       87.61758  (20100707)               436953.53
3711019.92       82.33108  (18051602)
        436908.29   3711017.11       73.26206  (20012624)               436868.45
3711000.97       65.39565  (20070301)
        436851.23   3710986.24       59.06174  (20012624)               436834.01
3710971.50       55.26094  (19050206)
        436930.23   3711065.98       72.44636  (19082405)               436850.83
3711048.29       51.83856  (20070405)
        436818.68   3711020.79       47.23825  (17010408)               436892.46
3711111.14       54.90153  (21120223)
        436831.25   3711093.95       46.79474  (20070405)               436797.50
3711065.07       43.34808  (19112623)
        436763.75   3711036.20       39.54839  (20092305)               436990.56
3711164.74       70.08030  (21060824)
        436811.82   3711139.73       44.81536  (20012624)               436794.29
3711124.73       43.16292  (21120223)
        436776.75   3711109.73       42.34445  (19112623)               436759.22
3711094.73       39.23617  (20012624)
        436741.69   3711079.72       36.90106  (20110201)               436985.96
3711211.96       62.66308  (19090606)
        436876.35   3711205.15       44.29050  (20070405)               436832.50
3711202.43       40.66422  (20100707)
        436793.89   3711186.79       41.65323  (19110523)               436760.51
3711158.23       40.53124  (20070301)
        436727.13   3711129.67       36.12350  (20082304)               436693.75
3711101.11       35.21534  (20110201)
        436972.76   3711258.65       58.17339  (19090606)               436950.14
3711257.25       52.21399  (20050805)
        436927.52   3711255.84       50.57498  (17102803)               436904.90
3711254.44       47.57681  (21020622)
        436882.28   3711253.03       44.63935  (19071305)               436859.66
3711251.63       38.70843  (20070405)
        436837.05   3711250.22       38.27572  (17100222)               436740.15
3711203.21       38.30292  (21120223)
        436722.93   3711188.48       38.59499  (19112623)               436705.71
3711173.75       35.59749  (18070905)
        436688.49   3711159.02       33.23778  (18011005)               436671.27
3711144.28       33.61533  (20092305)
        436636.83   3711114.82       33.33386  (20091403)               436955.44
3711352.59       47.12437  (20070506)
        436910.73   3711349.81       39.67000  (19082324)               436866.03
3711347.04       40.38490  (20101803)
        436821.32   3711344.26       34.83493  (21020622)               436686.20
3711281.86       34.09395  (21120223)
        436652.16   3711252.74       31.77089  (20082304)               436618.13
3711223.62       30.15004  (20121320)
        436584.09   3711194.50       30.07922  (18070905)               437049.21
3711453.43       48.63100  (18101318)
        436916.22   3711445.17       36.30497  (19090606)               436871.88
3711442.42       34.64836  (21121618)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948
, L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956
, L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	27.78852	(21090705)	436538.91	3711405.46	26.85514	(20012624)
436521.38	3711390.46	24.44457	(20021822)	436503.85			

3711375.46 24.80096 (20121320)
436486.32 3711360.46 24.71652 (20092305) 436468.78
3711345.46 24.36069 (19120804)
436451.25 3711330.46 25.31630 (18060804) 436433.72
3711315.46 24.51705 (17010423)
436416.18 3711300.46 24.88106 (19050206) 437208.16
3711550.97 34.48694 (21081423)
437166.02 3711650.72 43.78162 (21082303) 437143.22
3711649.30 43.51423 (19082824)
437120.42 3711647.89 41.86544 (19082903) 437097.62
3711646.47 38.60729 (20091303)
437074.82 3711645.05 33.77711 (19082903) 437052.02
3711643.64 30.53495 (20092722)
437029.22 3711642.22 32.32098 (20092722) 437006.42
3711640.81 32.68937 (20092722)
436846.83 3711630.89 28.64596 (20050805) 436824.03
3711629.48 29.36530 (21121618)
436801.23 3711628.06 28.70053 (21121618) 436778.43
3711626.65 27.27209 (19070105)
436755.63 3711625.23 26.99673 (19082324) 436732.83
3711623.81 26.46600 (19071305)
436572.20 3711558.75 25.19847 (20092402) 436537.49
3711529.05 26.64020 (19112623)
436502.77 3711499.35 25.75618 (19120804) 436485.41
3711484.49 24.72563 (20082304)
436468.06 3711469.64 22.40059 (21090705) 436450.70
3711454.79 21.98250 (17020621)
436433.34 3711439.94 23.06902 (20082304) 436415.98
3711425.09 22.67559 (21090424)
436398.63 3711410.24 22.71573 (21031805) 436381.27
3711395.39 22.72599 (20110201)
436363.91 3711380.54 22.50810 (17010423) 436346.55
3711365.69 22.46989 (19050206)
436329.20 3711350.84 22.68132 (21051024) 437211.62
3711653.55 35.82684 (19120802)
437233.95 3711647.59 32.73566 (18081403) 437214.79
3711748.76 31.02378 (19120802)
437192.17 3711747.36 36.84143 (20030604) 437169.55
3711745.95 38.20394 (21082303)
437146.93 3711744.55 39.54173 (21061124) 437124.32
3711743.14 37.97693 (17041302)
437101.70 3711741.74 35.45948 (21091105) 437079.08
3711740.33 31.69404 (19082824)
437056.46 3711738.93 28.55648 (19082903) 437033.84
3711737.53 29.17770 (20091402)
437011.22 3711736.12 30.19162 (20092722) 436988.60
3711734.72 29.52145 (20092722)
436965.98 3711733.31 27.36560 (18101318) 436852.89
3711726.29 24.94714 (21030623)
436830.27 3711724.88 25.77864 (19071305) 436807.65

3711723.48   26.52974 (21121618)
        436785.04   3711722.07   26.90371 (21121618)   436762.42
3711720.67   25.72902 (21121618)
        436739.80   3711719.26   24.74071 (20092306)   436717.18
3711717.86   23.95843 (19082324)
        436500.77   3711622.44   25.19729 (18101321)   436483.55
3711607.71   24.29441 (21120223)
        436466.33   3711592.97   23.98813 (21090705)   436449.11
3711578.24   23.41631 (21111806)
        436431.89   3711563.51   22.78966 (21090705)   436414.67
3711548.77   21.02417 (21090705)
        436397.45   3711534.04   20.22147 (19020218)   436380.23
3711519.31   20.57524 (17020621)
        436363.01   3711504.58   20.55505 (17110107)   436345.79
3711489.84   21.60054 (21090424)
        436328.57   3711475.11   21.57811 (20011708)   436311.35
3711460.38   20.94394 (20121320)
        436294.13   3711445.64   20.91439 (17010423)   436276.91
3711430.91   20.60645 (19050206)
        436259.69   3711416.18   21.05851 (21051024)   436139.16
3711313.05   19.56362 (20050504)
        437237.41   3711750.17   28.32884 (20030604)   437259.74
3711744.21   27.50662 (21051802)
        437240.72   3711845.39   26.90573 (20030604)   437218.25
3711843.99   30.48126 (20081206)
        437195.78   3711842.60   31.93935 (20092002)   437173.31
3711841.20   31.71006 (19082824)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3   ***
                                    INCLUDING SOURCE(S):   L0003947   , L0003948 , L0003949   , L0003950   , L0003951   ,
                   L0003952   , L0003953   , L0003954   , L0003955   , L0003956 , L0003957   , L0003958   , L0003959   ,
                   L0003960   , L0003961   , L0003962   , L0003963   , L0003964 , L0003965   , L0003966   , L0003967   ,
                   L0003968   , L0003969   , L0003970   , L0003971   , L0003972 , L0003973   , L0003974   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437150.83	3711839.81	32.65492	(21091105)	437128.36	3711838.41	33.06004	(19021501)
437105.89	3711837.02	33.75572	(17041302)	437083.41	3711835.62	32.09896	(17041302)
437060.94	3711834.22	31.45492	(21090703)	437038.47	3711832.83	28.99075	(20092722)
437016.00	3711831.43	30.11382	(20092722)	436993.52	3711830.04	30.08227	(20092722)
436971.05	3711828.64	28.50138	(21090703)	436948.58	3711827.25	25.35331	(18101318)
436813.74	3711818.87	21.79357	(20012108)	436791.27	3711817.48	24.01491	(20050805)
436768.80	3711816.08	23.98077	(19090606)	436746.32	3711814.69	23.37585	(17102803)
436723.85	3711813.29	23.13036	(17100222)	436701.38	3711811.89	22.65675	(20092306)
436678.91	3711810.50	21.32085	(19082324)	436446.78	3711701.06	22.63949	(18101321)
436412.57	3711671.78	21.94752	(21090705)	436378.35	3711642.50	21.19806	(21090705)
436361.24	3711627.87	19.64380	(17010408)	436327.02	3711598.59	19.31632	(18011005)
436292.81	3711569.32	19.27947	(19121220)	436258.59	3711540.04	19.91584	(20110201)
436224.37	3711510.76	19.50475	(21041803)	436190.15	3711481.49	19.69243	(21051024)
436173.04	3711466.85	19.15562	(21070406)	436053.28	3711364.39	18.73222	(17011202)
437263.20	3711846.79	25.04051	(21051802)	437285.53	3711840.83	24.68824	(21051802)
437265.95	3711941.97	28.18610	(21111720)	437242.92	3711940.54	29.51822	(21051802)
437219.89	3711939.11	29.87066	(20030604)	437196.86	3711937.68	30.08620	(20030604)
437173.83	3711936.25	29.78956	(19082824)	437150.80	3711934.82	31.37629	(20081206)
437127.77	3711933.39	32.32734	(17041302)	437104.74	3711931.96	31.15216	(21091105)
437081.72	3711930.53	28.55065	(20091303)	437058.69	3711929.10	27.13141	(21090703)
437035.66	3711927.67	26.27072	(19063024)	437012.63	3711926.24	27.06933	(20091402)
436989.60	3711924.81	28.01401	(20092722)	436966.57	3711923.38	27.57486	(20092722)

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        436943.54   3711921.95       25.86974  (20092722)               436920.51
3711920.52       23.38155  (18111719)
        436782.33   3711911.94       20.33592  (20012108)               436759.30
3711910.51       22.04270  (20120702)
        436736.27   3711909.08       21.72558  (21060824)               436713.24
3711907.65       20.91244  (17102803)
        436690.21   3711906.22       20.94383  (17100222)               436667.18
3711904.79       20.37192  (20092306)
        436406.27   3711791.20       20.67976  (19041722)               436388.74
3711776.20       20.67210  (20051605)
        436371.20   3711761.20       19.50463  (21120223)               436353.67
3711746.20       20.11142  (21090705)
        436336.14   3711731.20       21.00110  (20070301)               436318.61
3711716.20       19.60318  (20012624)
        436301.07   3711701.20       18.54197  (19120422)               436283.54
3711686.19       18.24571  (17012006)
        436266.01   3711671.19       18.26422  (18011005)               436248.47
3711656.19       18.17020  (21122507)
        436230.94   3711641.19       18.20241  (17110107)               436213.41
3711626.19       18.95240  (20092305)
        436195.88   3711611.19       18.66413  (20110201)               436178.34
3711596.19       18.16702  (20122122)
        436160.81   3711581.19       18.18406  (20011708)               436143.28
3711566.19       18.08929  (17010423)
        436125.74   3711551.19       18.20608  (20030803)               436108.21
3711536.19       18.15056  (21090701)
        435985.48   3711431.18       18.69346  (20091302)               437288.98
3711943.40       25.40930  (21020924)
        437311.31   3711937.44       23.18337  (21081403)               437291.90
3712038.60       27.67384  (19050805)
        437269.03   3712037.18       29.66431  (20081206)               437246.16
3712035.76       29.92627  (19110724)
        437223.29   3712034.34       29.46687  (17010717)               437200.42
3712032.92       29.43492  (20030604)
        437177.55   3712031.50       28.85909  (19082824)               437154.68
3712030.08       30.15870  (17010717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 581
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE3   ***
                                  INCLUDING SOURCE(S):     L0003947    , L0003948
, L0003949    , L0003950    , L0003951    ,
                L0003952    , L0003953    , L0003954    , L0003955    , L0003956
, L0003957    , L0003958    , L0003959    ,
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L0003960 , L0003961 , L0003962 , L0003963 , L0003964
, L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972
, L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	28.85758	(19021501)	437108.94	3712027.24	27.47562	(19082903)
437086.07	3712025.82	25.46575	(17041302)	437063.20	3712024.40	23.92607	(19082824)
437040.33	3712022.98	22.51226	(19082903)	437017.46	3712021.56	21.77475	(19121323)
436994.59	3712020.14	21.62652	(18101318)	436971.72	3712018.72	22.27260	(18101318)
436948.85	3712017.30	22.43479	(18101318)	436925.98	3712015.88	21.85455	(18101318)
436903.11	3712014.45	21.15474	(20092523)	436743.02	3712004.51	19.46338	(21030623)
436720.15	3712003.09	20.04410	(21121618)	436697.28	3712001.67	20.33773	(21121618)
436674.41	3712000.25	19.00276	(21020622)	436651.54	3711998.83	18.89792	(20050805)
436628.67	3711997.41	18.89347	(20092306)	436352.17	3711869.72	21.42726	(19110523)
436334.76	3711854.82	21.57011	(21070203)	436317.34	3711839.92	19.89997	(21120223)
436299.93	3711825.03	20.52765	(17020908)	436282.52	3711810.13	21.25957	(20070301)
436265.11	3711795.23	20.71648	(19110523)	436247.70	3711780.34	19.49642	(19041722)
436230.29	3711765.44	19.26280	(17010203)	436212.88	3711750.54	19.25930	(18011904)
436195.47	3711735.65	18.96832	(21021504)	436178.06	3711720.75	19.16109	(21121802)
436160.64	3711705.86	19.18013	(21090424)	436143.23	3711690.96	19.28642	(21012023)
436125.82	3711676.06	18.70592	(21012122)	436108.41	3711661.17	18.71629	(20122122)
436091.00	3711646.27	18.19308	(20011708)	436073.59	3711631.37	17.82046	(20122318)
436056.18	3711616.48	17.70115	(20122318)	436038.77			

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3711601.58       18.27072  (21051024)
        436021.36   3711586.68       18.57181  (20011918)                435882.07
3711467.51       17.89475  (20021722)
        437337.10   3712034.06       21.38779  (21081403)                437295.09
3712133.81       27.86475  (18120724)
        437272.36   3712132.40       27.63100  (18112618)                437249.62
3712130.99       27.18909  (19110724)
        437226.89   3712129.58       27.22040  (19082902)                437204.15
3712128.17       27.18885  (20030604)
        437181.42   3712126.76       25.96817  (20030604)                437158.68
3712125.34       27.01275  (17010717)
        437135.95   3712123.93       26.64748  (21061124)                437113.21
3712122.52       25.61122  (19082903)
        437090.48   3712121.11       24.10439  (21091105)                437067.74
3712119.70       21.61340  (17041302)
        437045.01   3712118.28       20.46244  (17122021)                436999.54
3712115.46       19.51525  (20013021)
        436976.81   3712114.05       19.91497  (18101318)                436954.07
3712112.64       21.23437  (18101318)
        436931.34   3712111.22       21.23223  (21090703)                436908.60
3712109.81       20.72714  (20092523)
        436885.87   3712108.40       19.83489  (20092523)                436863.13
3712106.99       18.34850  (19091402)
        436840.40   3712105.58       18.01622  (18121120)                436726.73
3712098.52       17.89813  (20012108)
        436703.99   3712097.10       18.46447  (20050805)                436681.26
3712095.69       18.31392  (19090606)
        436658.52   3712094.28       18.26723  (17102803)                436635.79
3712092.87       17.95825  (21121618)
        436613.05   3712091.46       17.10939  (20050805)                436590.32
3712090.05       17.61377  (19082324)
        436476.64   3712082.99       16.02521  (20122121)                436436.60
3712066.77       15.49549  (17042306)
        436298.14   3711948.30       19.53004  (20012624)                436280.83
3711933.49       19.87799  (20051605)
        436263.52   3711918.68       18.92350  (21120223)                436246.21
3711903.87       19.72621  (21070203)
        436228.91   3711889.06       20.59161  (20070301)                436211.60
3711874.26       20.42140  (20012624)
        436194.29   3711859.45       19.06699  (17010408)                436176.98
3711844.64       18.30911  (18011904)
        436159.67   3711829.83       18.23552  (21021504)                436142.37
3711815.02       18.07392  (20121824)
        436125.06   3711800.21       18.21158  (20121320)                436107.75
3711785.41       18.14088  (21020821)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436090.44	3711770.60	19.22251	(20110201)	436073.13	3711755.79	18.69534	(18070905)
436055.83	3711740.98	18.68022	(20110201)	436038.52	3711726.17	18.06259	(20011922)
436021.21	3711711.36	18.81721	(17010423)	436003.90	3711696.56	19.61183	(19050206)
435986.59	3711681.75	20.00377	(21051024)	435969.29	3711666.94	20.76693	(21051024)
435951.98	3711652.13	20.05719	(21021007)	435830.82	3711548.47	16.86964	(21020106)
435796.21	3711518.86	16.95602	(21031807)	437340.56	3712136.64	25.15556	(19082902)
437343.73	3712231.85	25.49383	(19082902)	437298.49	3712229.04	26.07336	(18120724)
437275.87	3712227.64	25.58597	(19120802)	437253.25	3712226.23	25.22371	(18052306)
437230.64	3712224.83	25.29683	(20092002)	437208.02	3712223.42	25.38681	(20030604)
437185.40	3712222.02	24.70788	(20030604)	437162.78	3712220.61	26.12405	(17010717)
437140.16	3712219.21	25.69901	(21061124)	437117.54	3712217.80	24.83880	(17041302)
437094.92	3712216.40	23.90193	(21091105)	437072.31	3712214.99	21.68336	(20091303)
437049.69	3712213.59	20.06155	(19082824)	437004.45	3712210.78	18.76532	(19121323)

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        436959.21   3712207.97       18.41401  (20091402)               436936.59
3712206.57       19.86467  (20050503)
        436913.98   3712205.16       19.37498  (21090703)               436891.36
3712203.76       18.93063  (18111719)
        436868.74   3712202.35       18.20374  (20092523)               436846.12
3712200.95       16.91265  (19091402)
        436823.50   3712199.54       16.35922  (18121120)               436710.41
3712192.52       16.67764  (20102107)
        436687.79   3712191.11       16.68276  (19071305)               436665.17
3712189.71       17.02238  (21121618)
        436642.55   3712188.31       17.11131  (21060824)               436619.93
3712186.90       16.30422  (17071802)
        436597.31   3712185.50       16.72242  (21121618)               436574.70
3712184.09       15.79443  (20050805)
        436552.08   3712182.69       16.45761  (19082324)               436529.46
3712181.28       14.83354  (21120120)
        436506.84   3712179.88       14.64311  (21042821)               436484.22
3712178.47       15.86867  (20100707)
        436461.60   3712177.07       14.82562  (21020622)               436438.98
3712175.66       14.55269  (21020405)
        436399.15   3712159.53       14.40645  (17021904)               436381.93
3712144.79       14.48884  (19120723)
        436364.71   3712130.06       14.61340  (19120420)               436347.49
3712115.33       14.55400  (17022002)
        436330.27   3712100.59       14.99997  (18021123)               436313.05
3712085.86       15.27903  (19120720)
        436295.83   3712071.13       15.60755  (21010520)               436278.61
3712056.40       15.73637  (19012619)
        436261.39   3712041.66       16.32671  (20092402)               436244.17
3712026.93       17.05152  (18101321)
        436226.95   3712012.20       16.08236  (19112623)               436209.73
3711997.46       16.07406  (21090705)
        436192.51   3711982.73       16.69268  (21090705)               436175.29
3711968.00       16.75694  (20070301)
        436158.07   3711953.27       16.27496  (21090705)               436140.85
3711938.53       15.46751  (17072506)
        436123.63   3711923.80       15.84557  (17012006)               436106.41
3711909.07       16.32906  (17072506)
        436089.19   3711894.33       16.58011  (21021504)               436071.97
3711879.60       16.59962  (21122507)
        436054.75   3711864.87       16.73251  (17021906)               436037.53
3711850.14       16.73863  (20010905)
        436020.31   3711835.40       17.09965  (21012023)               436003.09
3711820.67       17.33491  (20110201)
        435985.87   3711805.94       17.07347  (20121320)               435968.65
3711791.20       17.02661  (19123119)
        435951.43   3711776.47       17.35563  (17010423)               435934.21
3711761.74       17.96707  (19050206)
        435916.99   3711747.01       18.44063  (21051024)               435899.77
3711732.27       19.06910  (21051024)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***
INCLUDING SOURCE(S): L0003947 , L0003948 , L0003949 , L0003950 , L0003951 ,
L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958 , L0003959 ,
L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966 , L0003967 ,
L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435882.55	3711717.54	18.71998	(21021007)	435865.34	3711702.81	18.79141	(21102222)
435727.58	3711584.95	16.04392	(20030803)	435710.36	3711570.21	16.59717	(21031807)
436970.60	3710769.10	89.55746	(18070905)	436955.72	3710755.71	93.75816	(21090424)
436964.65	3710655.98	96.91136	(21090404)	437021.21	3710584.54	94.98518	(19033001)
437018.23	3710502.68	110.90665	(20020723)	437036.09	3710435.70	120.45437	(19062806)
437094.14	3710349.37	103.37462	(20122920)	437061.39	3710282.39	56.68766	(20120807)
437037.58	3710213.93	70.02774	(21123101)	437036.09	3710167.79	66.14172	(18010424)
437070.32	3710115.69	27.28467	(20123122)	437123.91	3710072.53	23.94370	(20020421)
437222.14	3710135.04	25.82525	(20021019)	437186.42	3710196.07	37.75141	(17021304)
437176.00	3710245.18	50.83537	(18122821)	437195.35	3710271.98	63.67902	(17011016)
437262.33	3710316.63	88.47711	(19122116)	437296.56			

3710364.26   78.97998 (19102017)
        437295.07   3710425.28   87.58484 (18121016)   437305.49
3710466.96   82.75488 (17012018)
        437274.24   3710557.75   107.80552 (21021017)   437244.47
3710642.59   145.55184 (21021017)
        437260.84   3710791.43   119.44542 (21081203)   437210.23
3710813.76   153.63709 (17031621)
        437162.60   3710772.08   321.26219 (17052803)   437001.86
3710778.03   83.05675 (19032705)
        436979.53   3710783.99   75.55328 (19091602)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437003.71   3710828.00   174.55032 (17091907)   437026.67
3710827.15   181.36717 (20092523)
        437049.64   3710826.30   186.24507 (21112218)   437072.60
3710825.45   187.62105 (21081423)
        437095.56   3710824.60   187.01236 (21081423)   437118.52
3710823.75   186.73290 (18030724)
        437141.49   3710822.90   181.48377 (18030724)   437164.45
3710822.05   169.58409 (17070719)
        437005.56   3710877.96   160.32587 (21030623)   437028.52
3710877.11   137.29258 (21112218)

437051.48 3710876.26 140.21903 (18032922) 437074.45
3710875.41 143.70190 (21081423)
437097.41 3710874.56 142.64921 (21081423) 437120.37
3710873.71 141.67956 (21110819)
437143.34 3710872.86 139.06133 (21092306) 437166.30
3710872.01 132.05548 (21092306)
437007.41 3710927.93 151.62438 (19090606) 437030.37
3710927.08 134.43201 (19021217)
437053.33 3710926.23 109.79233 (20092523) 437076.30
3710925.38 112.97217 (20082703)
437099.26 3710924.53 112.82063 (21081423) 437122.22
3710923.68 112.31993 (20090402)
437145.19 3710922.83 109.87598 (17022801) 437168.15
3710921.98 108.17535 (18030724)
437009.26 3710977.89 131.49167 (17102803) 437032.22
3710977.04 132.19965 (19063024)
437055.18 3710976.19 89.12438 (17052803) 437078.15
3710975.34 91.83151 (21090723)
437101.11 3710974.49 91.69148 (18080424) 437124.07
3710973.64 91.19862 (18032921)
437147.04 3710972.79 90.23771 (20090402) 437170.00
3710971.94 88.78328 (21092306)
437011.11 3711027.86 119.55752 (21113022) 437034.07
3711027.01 114.25678 (19063024)
437057.03 3711026.16 75.83877 (21112218) 437080.00
3711025.31 76.02297 (21090723)
437102.96 3711024.46 76.00758 (18080424) 437125.92
3711023.61 75.70040 (17022801)
437148.88 3711022.76 75.48237 (17102724) 437171.85
3711021.91 74.06268 (19032701)
437012.96 3711077.82 105.84150 (21113022) 437035.92
3711076.97 106.25770 (20121401)
437058.88 3711076.12 104.92832 (19082903) 437081.85
3711075.27 94.04673 (19092301)
437104.81 3711074.42 64.15041 (20091922) 437127.77
3711073.57 64.52371 (18080424)
437150.73 3711072.72 64.10115 (21110320) 437173.70
3711071.87 63.25189 (20090402)
437014.81 3711127.79 88.65951 (19120806) 437037.77
3711126.94 91.67298 (20091303)
437060.73 3711126.09 97.76849 (19082824) 437083.70
3711125.24 94.97071 (19082824)
437106.66 3711124.39 86.56593 (20030604) 437129.62
3711123.54 55.75255 (18080424)
437152.58 3711122.69 55.55994 (20090402) 437175.55
3711121.84 55.15001 (20082305)
437016.66 3711177.76 79.79004 (21121219) 437039.62
3711176.91 84.82026 (20091303)
437062.58 3711176.06 89.79370 (19092301) 437085.54
3711175.21 88.18640 (21061124)

437108.51 3711174.36 80.92033 (21111720) 437131.47
3711173.51 64.75406 (19050805)
437154.43 3711172.66 48.34199 (18032921) 437177.40
3711171.81 47.94202 (20072024)
437018.51 3711227.72 73.77236 (20091402) 437041.47
3711226.87 77.05051 (18061301)
437064.43 3711226.02 81.16717 (19092301) 437087.39
3711225.17 81.49795 (19072204)
437110.36 3711224.32 77.96855 (17010717) 437133.32
3711223.47 67.50488 (18081403)
437156.28 3711222.62 42.61211 (18092302) 437179.25
3711221.77 42.87129 (21110320)
437020.36 3711277.69 67.92477 (19082903) 437043.32
3711276.84 71.40793 (20050503)
437066.28 3711275.99 74.60028 (19021501) 437089.24
3711275.14 74.60364 (19072204)
437112.21 3711274.29 72.11340 (20092002) 437135.17
3711273.44 65.29373 (19082902)
437158.13 3711272.59 38.36741 (18080424) 437181.10
3711271.74 38.38254 (20091123)
↟ *** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

PAGE 585
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3711376.77 59.59119 (17041302)
437069.98 3711375.92 60.01113 (17041302) 437092.94
3711375.07 59.54061 (20081206)
437115.91 3711374.22 60.09487 (17010717) 437138.87
3711373.37 58.16215 (21111720)
437161.83 3711372.52 44.29099 (18080424) 437184.79
3711371.67 31.09732 (17022801)
437027.75 3711477.55 52.69339 (19082824) 437050.72
3711476.70 50.87557 (17010717)
437073.68 3711475.85 47.27816 (20030604) 437096.64
3711475.00 45.10421 (20121401)
437119.61 3711474.15 44.29476 (19082904) 437142.57
3711473.30 41.97501 (21110820)
437165.53 3711472.45 36.19381 (18080424) 437188.49
3711471.60 26.19445 (18092302)
437031.45 3711577.48 40.40908 (19082903) 437054.42
3711576.63 46.23307 (19092301)
437077.38 3711575.78 47.74810 (17010717) 437100.34
3711574.93 48.81986 (19072204)
437123.30 3711574.08 45.95201 (19120802) 437146.27
3711573.23 41.54692 (20092002)
437169.23 3711572.38 37.12284 (18081403) 437192.19
3711571.53 34.54393 (21111720)
437035.15 3711677.41 33.79226 (19082903) 437058.11
3711676.56 36.77539 (19092301)
437081.08 3711675.71 39.10120 (17010717) 437104.04
3711674.86 41.19392 (17010717)
437127.00 3711674.01 43.95156 (20121401) 437149.97
3711673.16 44.81284 (21051802)
437172.93 3711672.31 45.69558 (18101407) 437195.89
3711671.46 43.06170 (18052306)
437038.85 3711777.35 34.82811 (20081206) 437061.81
3711776.50 36.45849 (19082824)
437084.78 3711775.65 37.85936 (17010717) 437107.74
3711774.80 38.76215 (19072204)
437130.70 3711773.95 39.21901 (18052306) 437153.67
3711773.10 39.57066 (18112618)
437176.63 3711772.25 39.61591 (19072204) 437199.59
3711771.40 37.02710 (19011723)
437042.55 3711877.28 34.42583 (17041302) 437065.51
3711876.43 35.60974 (19092301)
437088.48 3711875.58 34.81625 (21082303) 437111.44
3711874.73 34.94369 (19072204)
437134.40 3711873.88 33.65365 (17010717) 437157.36
3711873.03 32.25365 (19110724)
437180.33 3711872.18 31.80704 (21111720) 437203.29
3711871.33 32.04315 (18120724)
437046.25 3711977.21 30.84962 (19082824) 437069.21
3711976.36 30.71710 (19082824)
437092.17 3711975.51 30.34374 (21082303) 437115.14

3711974.66   31.53853 (19072204)
        437138.10   3711973.81   31.81093 (20092002)   437161.06
3711972.96   31.49340 (18052306)
        437184.03   3711972.11   30.70990 (19050805)   437206.99
3711971.26   31.54422 (21020924)
        437049.95   3712077.14   26.51074 (19082824)   437072.91
3712076.29   26.95823 (17010717)
        437095.87   3712075.44   26.34131 (21082303)   437118.84
3712074.59   27.18161 (19072204)
        437141.80   3712073.74   28.71902 (18052306)   437164.76
3712072.89   30.46726 (21091105)
        437187.73   3712072.04   30.99006 (18112618)   437210.69
3712071.19   30.94217 (18101407)
        437053.65   3712177.07   25.12443 (19092301)   437076.61
3712176.22   25.51097 (17010717)
        437099.57   3712175.37   24.69080 (21082303)   437122.54
3712174.52   26.51807 (19072204)
        437145.50   3712173.67   26.62665 (18052306)   437168.46
3712172.82   28.23284 (19082904)
        437191.42   3712171.97   28.24765 (20091505)   437214.39
3712171.12   28.85316 (18101407)
        437057.35   3712277.00   23.50733 (19092301)   437080.31
3712276.15   24.09967 (17010717)
        437103.27   3712275.30   22.96280 (20030604)   437126.24
3712274.45   24.47123 (19072204)
        437149.20   3712273.60   24.32000 (18052306)   437172.16
3712272.75   26.17423 (19110724)
        437195.12   3712271.90   26.12440 (18120724)   437218.09
3712271.05   26.81992 (19120802)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437177.30	3710851.39	141.19616	(18071405)	437096.75	3710847.33	165.10286	(18080424)
437079.70	3710898.86	127.38441	(20082703)	437062.65	3710950.38	99.80923	(20082703)
437045.60	3711001.90	107.14042	(21113022)	436965.04	3710997.84	115.89448	(17100222)
436932.11	3711035.47	102.87327	(19070105)	436963.86	3711063.26	98.15454	(19052823)
436899.18	3711073.10	87.10133	(21060824)	436930.94	3711100.89	85.24245	(18051602)
436866.26	3711110.73	65.66949	(19082405)	436898.01	3711138.51	67.71963	(19070105)
436833.33	3711148.35	56.19150	(20053122)	436865.08	3711176.14	60.13608	(19082401)
436767.48	3711223.61	48.89175	(21111806)	436799.23	3711251.40	49.85002	(20070405)
436701.62	3711298.86	44.29273	(21070203)	436733.38	3711326.65	43.00090	(18071824)
436635.77	3711374.12	41.57362	(20070405)	436667.52	3711401.90	36.02639	(20120917)
436569.92	3711449.37	36.16697	(18101321)	436601.67	3711477.16	32.40222	(19070106)
436504.06	3711524.63	31.58714	(21090705)	436535.82	3711552.41	31.13067	(19041722)
436438.21	3711599.88	29.22416	(21090705)	436469.96	3711627.67	29.99552	(19110523)
436372.35	3711675.14	25.95180	(20070301)	436404.11	3711702.92	25.58930	(18101321)
436306.50	3711750.39	25.07075	(20070301)	436338.25	3711778.18	23.21515	(21120223)
436240.65	3711825.65	25.08479	(20012624)	436272.40	3711853.43	22.69348	(17020908)
436174.79	3711900.90	20.78129	(19110523)	436206.55	3711928.69	20.00793	(17020908)
437216.54	3710861.35	108.78057	(21092124)	437247.28	3710852.06	82.22577	(20051324)
437281.02	3710837.18	76.56079	(18052319)	437236.73	3710907.09	91.11585	(19061704)
437208.99	3710910.77	101.87752	(20082924)	437157.06	3710894.91	123.58697	(21092306)
437267.47	3710897.81	71.68106	(18102705)	437301.21	3710882.92	66.90146	(17120520)

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        437254.14   3710953.20       77.60373  (19061704)                437220.85
3710957.62       84.90344  (20050801)
        437157.12   3710947.88       98.15807  (17031621)                437287.65
3710943.55       79.68816  (17072004)
        437321.39   3710928.67       55.55355  (20021818)                437275.11
3710998.84       65.91104  (19061704)
        437243.41   3711003.05       70.92811  (18100501)                437211.71
3711007.26       74.14890  (20112019)
        437151.01   3710997.98       82.04408  (20010918)                437307.83
3710989.30       75.01230  (21081203)
        437341.57   3710974.41       53.82544  (20051324)                437293.81
3711044.79       57.25469  (19061704)
        437259.14   3711049.39       61.39460  (18100501)                437224.47
3711053.99       64.10071  (20102819)
        437140.74   3711046.14       70.21167  (20090402)                437328.02
3711035.04       54.96673  (21092124)
        437361.76   3711020.16       40.19800  (20051324)                437314.69
3711090.44       50.12841  (20080722)
        437281.40   3711094.86       53.18628  (18100501)                437248.12
3711099.27       54.94720  (20112019)
        437214.83   3711103.69       56.69632  (21092306)                437134.46
3711096.16       60.03415  (18092302)
        437043.12   3711053.68      106.58204  (19082824)                437348.20
3711080.79       45.17176  (20050801)
        437381.94   3711065.90       37.13649  (20050801)                437333.86
3711136.32       44.51379  (20080722)
        437298.56   3711141.00       46.92675  (18102705)                437263.26
3711145.69       48.43063  (20112019)
        437227.95   3711150.37       49.66742  (17031621)                437192.65
3711155.06       49.63548  (20082305)
        437141.20   3711152.23       51.26275  (18080424)                437028.18
3711099.68       96.84358  (20091402)
        437368.38   3711126.53       40.89037  (21021920)                437402.12
3711111.65       34.55098  (20050801)
        437354.63   3711181.99       39.74263  (20082924)                437320.49
3711186.52       41.56504  (18102705)
        437286.35   3711191.05       42.76332  (20112019)                437252.21
3711195.58       43.99818  (19032701)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 587
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
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                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437218.07   3711200.11       43.86106  (19052501)               437118.57
3711194.65       77.50091  (21020924)
        437024.88   3711151.08       84.18454  (19092301)               436993.66
3711136.56       86.36370  (19021501)
        436962.43   3711122.04       85.31328  (20070506)               437388.57
3711172.28       37.30905  (21081203)
        437422.31   3711157.39       32.12897  (20050801)               437374.05
3711227.83       35.79233  (20080722)
        437338.39   3711232.57       37.03712  (18102705)               437302.72
3711237.30       38.41166  (20112019)
        437267.06   3711242.03       39.45132  (19032701)               437231.40
3711246.76       39.29348  (19083006)
        437195.73   3711251.50       39.56493  (20101919)               437125.93
3711251.01       71.49079  (21111720)
        437028.06   3711205.50       76.90833  (21090703)               436995.44
3711190.33       80.14468  (21113022)
        436962.82   3711175.16       73.17483  (20091402)               436930.20
3711159.99       68.92152  (21060824)
        437408.75   3711218.02       33.90215  (21081203)               437442.49
3711203.14       32.53636  (18102705)
        437394.73   3711273.51       32.40630  (20080722)               437360.06
3711278.11       33.64820  (18102705)
        437325.38   3711282.71       34.44979  (20112019)               437290.71
3711287.32       35.26046  (20092322)
        437256.04   3711291.92       35.49643  (21112920)               437221.37
3711296.52       35.70328  (20010918)
        437186.69   3711301.12       35.99177  (20091123)               437152.02
3711305.72       49.28478  (18080424)
        437118.83   3711300.65       66.67542  (19050805)               437007.82
3711249.03       73.35276  (19063024)
        436976.11   3711234.28       70.66912  (21113022)               436944.39
3711219.53       64.01363  (17102803)
        436912.68   3711204.78       58.14822  (19120806)               437428.94
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3711263.77       32.32558  (19061704)
        437462.68   3711248.88       40.86797  (21081203)                437434.91
3711365.03       39.88537  (21073004)
        437399.88   3711369.68       37.69230  (20022307)                437364.84
3711374.33       30.91581  (20102819)
        437329.80   3711378.98       29.15604  (19122918)                437294.76
3711383.62       29.34055  (21092306)
        437259.73   3711388.27       29.49924  (18080501)                437224.69
3711392.92       29.70841  (20101919)
        437189.65   3711397.57       29.64978  (17022801)                437154.61
3711402.22       48.93462  (18081403)
        437103.55   3711399.42       57.65428  (18092924)                437007.40
3711354.71       60.14504  (19063024)
        436975.35   3711339.81       62.95531  (19120806)                436943.30
3711324.90       54.03940  (18061301)
        436911.25   3711310.00       48.75663  (20070506)                436879.21
3711295.10       46.70640  (19090606)
        436847.16   3711280.19       49.46122  (19070105)                437469.30
3711355.26       43.08687  (20082924)
        437503.04   3711340.37       40.04180  (21081203)                437475.15
3711456.54       39.40602  (19120820)
        437439.85   3711461.22       35.62781  (20050801)                437404.54
3711465.90       37.23890  (19071304)
        437369.24   3711470.59       29.07675  (20050703)                437333.94
3711475.27       25.03248  (17031621)
        437298.63   3711479.96       24.97550  (19083006)                437263.33
3711484.64       25.15842  (21112920)
        437228.03   3711489.33       25.37306  (20082305)                437192.72
3711494.01       25.18615  (18092302)
        437157.42   3711498.70       35.92985  (18092924)                437122.12
3711503.38       41.56830  (19082904)
        437088.32   3711498.22       44.44108  (20121401)                437007.59
3711460.67       51.46407  (19082903)
        436975.30   3711445.66       51.44811  (19063024)                436943.00
3711430.64       41.82939  (19063024)
        436910.71   3711415.63       39.26596  (20091402)                436878.42
3711400.61       39.93019  (20070506)
        436846.13   3711385.59       41.86188  (20050805)                436813.84
3711370.58       42.76260  (19070105)
        436781.55   3711355.56       43.73139  (21020622)                437509.67
3711446.75       40.47153  (20112420)
        437543.41   3711431.86       35.52866  (21081405)                437515.41
3711548.04       36.04658  (18052223)
        437479.91   3711552.75       34.34118  (20092322)                437444.40
3711557.46       34.08033  (20092322)
        437408.90   3711562.17       35.32214  (20060305)                437373.39
3711566.88       24.33788  (17102724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437337.89	3711571.60	21.61810	(20022307)	437302.38	3711576.31	22.33422	(21110819)
437266.88	3711581.02	30.16928	(19092304)	437231.38	3711585.73	31.88989	(20122620)
437160.37	3711595.15	41.05803	(21111720)	437124.86	3711599.86	45.90637	(21091105)
437008.16	3711566.82	36.46468	(21113022)	436975.69	3711551.72	35.32849	(20092722)
436943.21	3711536.62	37.73623	(21090703)	436910.73	3711521.51	35.93862	(20090502)
436878.26	3711506.41	34.58991	(19082003)	436845.78	3711491.31	35.68173	(19071305)
436813.31	3711476.21	37.27224	(19082324)	436780.83	3711461.10	38.03062	(19082324)
436748.35	3711446.00	38.29988	(20100707)	436715.88	3711430.90	35.95130	(20070405)
437550.04	3711538.24	37.42757	(20112420)	437583.78	3711523.35	34.36003	(21081405)
437555.70	3711639.54	34.19037	(19120820)	437520.04	3711644.27	30.37481	(21081204)
437484.38	3711649.00	30.93669	(20092322)	437448.71	3711653.74	31.84970	(20083001)
437413.05	3711658.47	28.62412	(18030724)	437377.39	3711663.20	19.22976	(19052501)

```
        437341.72   3711667.93       18.83618  (18080501)               437306.06
3711672.67       22.02264  (20090402)
        437270.39   3711677.40       27.99901  (20080201)               437234.73
3711682.13       32.33330  (21082304)
        437109.91   3711698.70       40.07168  (17010717)               437009.00
3711673.09       30.98095  (21091105)
        436976.38   3711657.92       29.66444  (21021604)               436943.76
3711642.75       32.33709  (19021501)
        436911.14   3711627.58       31.48579  (18101318)               436878.52
3711612.41       31.10884  (20090502)
        436845.90   3711597.24       30.44464  (19090606)               436813.27
3711582.07       31.14915  (20050805)
        436780.65   3711566.90       33.32442  (20090502)               436748.03
3711551.73       33.93788  (20092306)
        436715.41   3711536.56       33.40762  (19071305)               436682.79
3711521.39       31.36639  (17010206)
        436650.17   3711506.22       33.14391  (20053122)               437590.40
3711629.73       32.54463  (19120820)
        437624.14   3711614.84       28.18986  (20012007)               437596.01
3711731.04       31.91952  (21081204)
        437560.21   3711735.79       29.26557  (20112420)               437524.42
3711740.54       28.61618  (18122022)
        437488.63   3711745.29       29.75797  (17093002)               437452.84
3711750.04       29.85517  (21041006)
        437417.05   3711754.79       24.20906  (17102724)               437381.26
3711759.54       17.36909  (19052501)
        437345.47   3711764.28       16.74324  (19083006)               437309.68
3711769.03       22.63707  (20072024)
        437273.88   3711773.78       23.98291  (21081403)               437238.09
3711778.53       27.26534  (20122620)
        437094.93   3711797.53       36.73293  (21082303)               437010.03
3711779.44       31.32949  (19082824)
        436977.29   3711764.22       27.27473  (20013021)               436944.55
3711749.00       28.43507  (20092722)
        436911.81   3711733.77       29.23150  (18101318)               436879.08
3711718.55       27.89970  (19091402)
        436846.34   3711703.32       27.36930  (18121120)               436813.60
3711688.10       27.91999  (19052823)
        436780.86   3711672.88       28.92519  (20050805)               436748.12
3711657.65       30.08406  (21121618)
        436715.38   3711642.43       30.06648  (20092306)               436682.65
3711627.20       30.22115  (19071305)
        436649.91   3711611.98       28.08089  (17010206)               436617.17
3711596.76       28.07702  (19120723)
        436584.43   3711581.53       27.94229  (20100707)               437630.77
3711721.22       28.58136  (19120820)
        437664.51   3711706.33       26.08920  (20082924)               437636.32
3711822.54       29.23249  (21081204)
        437600.42   3711827.30       27.65384  (20112420)               437564.53
3711832.06       28.40456  (21073004)
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
       437313.25   3711865.41   21.47132 (19082004)   437277.35
3711870.17   22.99177 (19071603)
       437241.46   3711874.93   28.64802 (21081403)   437061.98
3711898.75   34.92768 (19082824)
       437011.19   3711885.86   31.09268 (19082824)   436978.36
3711870.59   27.12831 (19082903)
       436945.52   3711855.33   25.95043 (20091402)   436912.69
3711840.06   26.42839 (18101318)
       436879.85   3711824.79   26.47305 (19091402)   436847.02
3711809.52   26.52052 (18111719)
       436814.18   3711794.25   25.58134 (18121120)   436781.35
3711778.98   25.18196 (18101320)
       436748.52   3711763.71   26.85913 (20050805)   436715.68
3711748.44   27.55717 (21121618)
       436682.85   3711733.17   26.61400 (20092306)   436650.01

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3711717.91       26.49306  (19082401)
        436617.18   3711702.64       25.73683  (21020622)                436584.34
3711687.37       25.11401  (20020821)
        436551.51   3711672.10       25.50434  (20101803)                436518.67
3711656.83       25.34584  (21051023)
        437671.14   3711812.71       27.19504  (21081204)                437704.88
3711797.82       25.13378  (20112420)
        437676.64   3711914.03       25.47402  (19120820)                437640.66
3711918.81       24.81042  (18122022)
        437604.67   3711923.58       25.95033  (21021002)                437568.69
3711928.36       25.35307  (20050703)
        437532.70   3711933.13       26.15590  (21041006)                437496.72
3711937.91       26.58004  (20080104)
        437460.73   3711942.68       23.89684  (20112321)                437424.75
3711947.46       21.53827  (19102119)
        437388.77   3711952.23       19.06444  (19092304)                437352.78
3711957.01       20.95491  (19071603)
        437316.80   3711961.78       23.33222  (19092304)                437280.81
3711966.56       27.61504  (19091403)
        437244.83   3711971.33       32.33765  (18112618)                437012.46
3711992.33       27.16148  (19082824)
        436979.54   3711977.02       23.59867  (17122021)                436946.63
3711961.72       23.43535  (20013021)
        436913.71   3711946.41       24.04486  (20092722)                436880.80
3711931.11       24.28677  (21090703)
        436847.88   3711915.80       23.09250  (19091402)                436814.97
3711900.49       22.62045  (20091402)
        436782.05   3711885.19       22.45479  (19082003)                436749.14
3711869.88       22.89617  (21030623)
        436716.22   3711854.57       24.76740  (20050805)                436683.31
3711839.27       25.00588  (17102803)
        436650.39   3711823.96       23.67290  (20092306)                436617.48
3711808.65       22.93302  (19082401)
        436584.56   3711793.35       24.02573  (21020622)                436551.65
3711778.04       22.15222  (21020405)
        436518.73   3711762.74       23.91449  (20051605)                436485.81
3711747.43       22.26253  (21051023)
        436452.90   3711732.12       23.32241  (21070203)                437711.51
3711904.20       26.72106  (19120820)
        437745.25   3711889.31       24.21326  (18052223)                437716.97
3712005.53       22.85292  (20100624)
        437680.91   3712010.31       22.30521  (18122022)                437644.85
3712015.10       23.37463  (21021002)
        437608.79   3712019.88       23.15302  (21101623)                437572.73
3712024.67       23.05823  (17031621)
        437536.67   3712029.45       24.78452  (20012324)                437500.61
3712034.24       24.03498  (21021002)
        437464.55   3712039.02       21.76359  (20092405)                437428.50
3712043.81       20.52349  (20080201)
        437392.44   3712048.59       19.13935  (17102724)                437356.38
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3712053.38   19.00172 (20080201)
        437320.32   3712058.16   23.72912 (19071603)   437284.26
3712062.95   28.45867 (18101407)
        437248.20   3712067.73   31.23334 (19120802)   437031.84
3712096.44   24.02124 (19082903)
        436997.32   3712091.17   20.62234 (17041302)   436964.33
3712075.83   19.75486 (18010804)
        436931.35   3712060.49   20.17308 (20092722)   436898.36
3712045.15   22.79637 (20091402)
        436865.38   3712029.81   22.70488 (21090703)   436832.40
3712014.48   22.03940 (19091402)
        436799.41   3711999.14   21.13460 (20091402)   436766.43
3711983.80   20.47227 (17102803)
        436733.45   3711968.46   20.67491 (20070506)   436700.46
3711953.12   21.42931 (20050805)
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BESS\Compass\Compass.isc   ***   11/21/25
 *** AERMET - VERSION 22112 ***   ***
                      ***   07:59:17

                                  PAGE 590
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436667.48   3711937.78   22.87812 (19082324)   436634.49
3711922.45   22.11152 (21121618)
        436601.51   3711907.11   22.01716 (19082324)   436568.53
3711891.77   21.25833 (20100707)
        436535.54   3711876.43   20.53805 (21020405)   436502.56
3711861.09   20.90378 (17042306)

436469.57 3711845.76 21.64580 (20101803) 436436.59
3711830.42 21.61084 (21012221)
436403.61 3711815.08 22.26709 (21010520) 436370.62
3711799.74 24.14972 (20070405)
437751.87 3711995.69 23.12483 (19120820) 437785.61
3711980.81 23.72948 (18052223)
437757.31 3712097.02 20.68987 (19120820) 437721.18
3712101.82 19.73613 (20112420)
437685.06 3712106.61 20.20554 (21021002) 437648.94
3712111.40 19.77292 (20022307)
437612.81 3712116.20 19.56954 (20060305) 437576.69
3712120.99 19.95396 (20092222)
437540.56 3712125.78 22.10249 (20080104) 437504.44
3712130.58 21.51307 (19102119)
437468.31 3712135.37 19.70268 (19092304) 437432.19
3712140.16 19.55125 (17102724)
437396.07 3712144.96 18.71715 (19071603) 437359.94
3712149.75 22.40902 (19092304)
437323.82 3712154.55 25.23915 (21082304) 437287.69
3712159.34 27.00159 (21051802)
437251.57 3712164.13 28.62087 (18101407) 437034.82
3712192.89 23.52832 (17041302)
436982.18 3712190.00 18.69901 (20021803) 436949.13
3712174.64 17.76291 (21021604)
436916.09 3712159.27 19.08643 (18081703) 436883.05
3712143.91 21.13530 (20091402)
436850.01 3712128.54 20.85596 (19091402) 436816.96
3712113.18 20.09595 (20092523)
436783.92 3712097.81 19.76258 (20091402) 436750.88
3712082.45 18.97384 (21121219)
436717.83 3712067.08 19.11342 (20012108) 436684.79
3712051.71 19.47529 (21030623)
436651.75 3712036.35 20.34196 (21121618) 436618.71
3712020.98 19.97870 (17102803)
436585.66 3712005.62 19.29703 (20050805) 436552.62
3711990.25 20.20386 (18101320)
436519.58 3711974.89 20.70602 (19082405) 436486.53
3711959.52 21.28717 (21020405)
436453.49 3711944.15 21.20332 (17021903) 436420.45
3711928.79 21.59029 (19120420)
436387.41 3711913.42 21.56462 (21111806) 436354.36
3711898.06 21.89036 (19012619)
436321.32 3711882.69 24.31749 (21070203) 437792.24
3712087.18 21.74089 (19071602)
437825.98 3712072.30 22.41745 (20112420) 437797.65
3712188.52 19.85609 (19120820)
437761.47 3712193.32 18.86015 (20092322) 437725.29
3712198.12 18.78314 (21021002)
437689.11 3712202.92 18.64558 (20022307) 437652.93
3712207.72 19.17395 (20080104)

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        437616.75   3712212.52       19.74233  (21090124)                437580.57
3712217.32       19.89418  (20080104)
        437544.38   3712222.12       21.13036  (19102119)                437508.20
3712226.92       20.30782  (20092405)
        437472.02   3712231.73       19.11668  (17022801)                437435.84
3712236.53       19.42650  (17091523)
        437399.66   3712241.33       18.04000  (19091403)                437363.48
3712246.13       22.03671  (19071603)
        437327.30   3712250.93       24.19809  (21051801)                437291.12
3712255.73       26.43419  (21051802)
        437254.94   3712260.53       27.35806  (19082902)                437037.86
3712289.34       22.22251  (20081206)
        437001.68   3712294.14       20.45220  (20091303)                436967.04
3712288.84       18.18843  (17122021)
        436933.95   3712273.46       17.72077  (20013021)                436900.85
3712258.07       17.40323  (20031107)
        436867.76   3712242.68       19.23214  (18101318)                436834.67
3712227.29       18.86645  (21090703)
        436801.57   3712211.90       18.27654  (20092523)                436768.48
3712196.51       18.17869  (18111719)
        436735.38   3712181.12       17.60257  (19021421)                436702.29
3712165.73       17.69466  (20120319)
        436669.19   3712150.34       17.77156  (20102107)                436636.10
3712134.95       18.73192  (20050805)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 591
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3710924.55   57.64787 (19021419)
        437378.59   3710941.17   47.14972 (17122018)   437360.08
3710957.79   41.21264 (21081203)
        437459.64   3710769.57   73.37315 (18021902)   437456.91
3710744.76   73.32446 (18041206)
        437454.18   3710719.95   73.79752 (18052001)   437451.46
3710695.15   73.39270 (21042522)
        437448.73   3710670.34   72.73451 (17012318)   437446.00
3710645.53   73.05522 (19051924)
        437443.27   3710620.73   72.90705 (19030223)   437504.78
3710785.84   67.81844 (17022318)
        437495.67   3710829.32   67.35775 (19030318)   437486.55
3710872.79   67.71815 (18010919)
        437460.91   3710931.11   60.29736 (21042619)   437427.86
3710960.79   55.45348 (21010317)
        437394.81   3710990.47   41.83850 (19122717)   437506.61
3710739.29   68.63403 (17010518)
        437503.88   3710714.49   69.67715 (21031719)   437501.16
3710689.68   69.22191 (20030220)
        437498.43   3710664.87   67.87037 (20031118)   437495.70
3710640.07   67.64095 (21020919)
        437492.97   3710615.26   66.83758 (19030223)   437554.26
3710781.46   63.75389 (18112917)
        437549.47   3710804.28   62.91678 (18112917)   437544.69
3710827.11   63.30985 (20012117)
        437539.90   3710849.94   62.47578 (19050703)   437535.11
3710872.76   62.86740 (19020520)
        437530.33   3710895.59   61.75034 (19092624)   437525.54
3710918.41   61.75762 (19051620)
        437503.41   3710956.82   57.50621 (18041821)   437486.05
3710972.40   54.18864 (21031521)
        437468.70   3710987.99   54.47792 (19022101)   437451.35
3711003.57   55.34948 (17012319)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009

, L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437434.00	3711019.15	50.07645	(17021118)	437416.65	3711034.74	38.56535	(20122802)
437399.29	3711050.32	39.45519	(19061704)	437559.04	3710758.63	62.77681	(17121917)
437556.31	3710733.83	63.03408	(17012018)	437553.59	3710709.02	62.74973	(19051919)
437550.86	3710684.21	60.55724	(18020519)	437548.13	3710659.41	61.78828	(18120117)
437545.40	3710634.60	58.98498	(20122117)	437542.67	3710609.79	58.28426	(20022618)
437603.78	3710776.84	57.56081	(17041920)	437598.82	3710800.51	58.22953	(17041920)
437593.85	3710824.18	57.33476	(17032219)	437588.89	3710847.85	58.20206	(19021521)
437583.93	3710871.52	57.81112	(20042921)	437578.97	3710895.19	58.09791	(21121418)
437574.00	3710918.86	57.15355	(19092624)	437569.04	3710942.54	56.95133	(20031719)
437546.08	3710982.37	52.41363	(18022219)	437528.09	3710998.53	51.38740	(19050702)
437510.09	3711014.69	51.44983	(19092219)	437492.10	3711030.85	51.63417	(19022818)
437474.10	3711047.01	52.48390	(21012218)	437456.11	3711063.17	48.48117	(18121718)
437438.11	3711079.33	37.29536	(17011918)	437420.12	3711095.49	39.04734	(20051324)
437608.74	3710753.17	56.71387	(19011720)	437606.01	3710728.36	56.46145	(19011720)
437603.29	3710703.55	56.54495	(18050919)	437600.56	3710678.75	53.28478	(17041319)
437597.83	3710653.94	54.20532	(17032224)	437595.10	3710629.13	51.46101	(21121417)
437592.37	3710604.33	45.85667	(21121417)	437653.34	3710772.05	44.95441	(18093022)
437648.23	3710796.40	40.68135	(20052619)	437643.13	3710820.74	42.33824	(17022318)
437638.02	3710845.09	47.04373	(18031405)	437632.92	3710869.44	51.83364	(19050703)

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        437627.82   3710893.79       53.24477  (20042921)                437622.71
3710918.13       53.55718  (18121117)
        437617.61   3710942.48       52.95941  (18011920)                437612.50
3710966.83       52.69846  (19091919)
        437588.89   3711007.80       48.48378  (17100320)                437570.38
3711024.42       47.32294  (18040619)
        437551.87   3711041.04       47.92912  (20112417)                437533.36
3711057.66       47.83717  (17022721)
        437514.85   3711074.28       48.12612  (18052003)                437496.34
3711090.91       48.60170  (21100518)
        437477.84   3711107.53       47.87121  (17010218)                437459.33
3711124.15       39.35283  (18020618)
        437440.82   3711140.77       38.12961  (18052223)                437658.44
3710747.70       47.14100  (18022318)
        437655.71   3710722.89       48.20557  (19030918)                437652.99
3710698.09       49.41130  (18050919)
        437650.26   3710673.28       46.87496  (19021719)                437647.53
3710648.47       45.94147  (17041319)
        437644.80   3710623.67       42.63296  (18122503)                437642.07
3710598.86       37.41253  (18122507)
        437703.36   3710765.06       20.33528  (17012017)                437698.57
3710787.89       23.31984  (18031405)
        437693.79   3710810.71       24.55204  (18031405)                437689.00
3710833.54       26.86655  (18123121)
        437684.22   3710856.36       33.25527  (20020818)                437679.43
3710879.19       41.24017  (17022318)
        437674.64   3710902.01       45.88021  (19050703)                437669.86
3710924.84       48.37766  (18092920)
        437665.07   3710947.67       49.40078  (19040419)                437660.29
3710970.49       49.40057  (19020918)
        437655.50   3710993.32       48.83162  (19030721)                437633.36
3711031.73       45.07954  (17060704)
        437616.01   3711047.31       43.89239  (18040619)                437598.66
3711062.89       44.43167  (17111718)
        437581.31   3711078.47       44.39509  (17111718)                437563.96
3711094.06       44.13362  (21072521)
        437546.60   3711109.64       44.92070  (19022819)                437529.25
3711125.22       45.30933  (17010919)
        437511.90   3711140.81       44.31261  (18121718)                437494.55
3711156.39       39.33633  (21122617)
        437477.20   3711171.97       34.77578  (21022818)                437459.84
3711187.55       38.40520  (21082702)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 593
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	15.64102	(20020818)	437705.41	3710717.43	14.97587	(18050919)
437702.69	3710692.62	19.92113	(19030918)	437699.96	3710667.81	22.27874	(18050919)
437697.23	3710643.01	21.77133	(19012102)	437694.50	3710618.20	18.20308	(18101218)
437691.77	3710593.39	9.51489	(20101417)	437752.93	3710760.18	12.27020	(18041619)
437748.03	3710783.59	16.96540	(20020818)	437743.12	3710807.00	20.24391	(18031405)
437738.21	3710830.41	21.70111	(21030818)	437733.30	3710853.82	21.69471	(20020818)
437728.39	3710877.23	22.19762	(18031405)	437723.49	3710900.65	25.25708	(18021903)
437718.58	3710924.06	29.83661	(19022102)	437713.67	3710947.47	37.10261	(17020519)
437708.76	3710970.88	44.92019	(18121117)	437703.85	3710994.29	46.05540	(18100918)
437698.94	3711017.70	45.34865	(19020918)	437676.24	3711057.09	42.06757	(18051920)
437658.44	3711073.08	40.85663	(18040619)	437640.65	3711089.06	41.14739	(20102318)
437622.85	3711105.04	41.63925	(17111718)	437605.05	3711121.02	41.29381	(21102418)
437587.25	3711137.01	41.55372	(20101718)	437569.46	3711152.99	41.76705	(19020818)
437551.66	3711168.97	38.62686	(19011717)	437533.86	3711184.95	35.34211	(21122617)
437516.07	3711200.93	34.43514	(17012418)	437498.27			

3711216.92 33.56066 (19021520)
437480.47 3711232.90 38.26310 (21082702) 437757.84
3710736.77 9.88858 (20020517)
437755.11 3710711.96 9.44749 (20020517) 437752.39
3710687.15 8.58771 (19040618)
437749.66 3710662.35 7.37043 (17012017) 437746.93
3710637.54 7.39088 (20120708)
437744.20 3710612.73 7.99160 (21021017) 437741.47
3710587.93 8.11962 (21012517)
437852.14 3710750.18 7.74491 (20020517) 437847.03
3710774.53 8.05875 (20020517)
437841.93 3710798.88 8.46383 (19021718) 437836.83
3710823.23 10.89216 (19040618)
437831.72 3710847.57 13.98289 (19040418) 437826.62
3710871.92 17.41716 (20032618)
437821.51 3710896.27 18.10326 (19040418) 437816.41
3710920.62 19.00003 (17022218)
437811.30 3710944.96 20.49972 (19040418) 437806.20
3710969.31 21.85686 (20110817)
437801.09 3710993.66 22.98909 (19021718) 437795.99
3711018.01 23.53072 (19040619)
437790.88 3711042.35 28.00407 (19040619) 437785.78
3711066.70 34.42592 (21031521)
437762.17 3711107.67 37.15274 (17022319) 437743.66
3711124.29 35.95398 (19090519)
437725.15 3711140.91 36.27150 (17053103) 437706.64
3711157.53 36.66154 (17012118)
437688.13 3711174.16 36.08610 (21102418) 437669.62
3711190.78 34.62567 (19022818)
437651.11 3711207.40 34.51226 (19122917) 437632.60
3711224.02 33.95880 (17012418)
437614.10 3711240.64 34.17186 (18021605) 437595.59
3711257.26 33.25327 (20121907)
437577.08 3711273.89 31.27682 (17012418) 437558.57
3711290.51 29.67880 (18121718)
437540.06 3711307.13 30.48585 (18071405) 437521.55
3711323.75 36.03303 (18071405)
437857.24 3710725.84 7.41676 (17012017) 437854.52
3710701.03 6.77459 (17012017)
437851.79 3710676.22 5.87838 (19050518) 437849.06
3710651.42 5.74334 (20020517)
437846.33 3710626.61 5.73971 (17111808) 437843.60
3710601.80 5.87750 (20120708)
437840.87 3710577.00 6.40427 (21012517) 437951.68
3710738.57 5.99946 (19040618)
437946.72 3710762.25 6.20600 (20020517) 437941.76
3710785.92 6.43200 (20020517)
437936.79 3710809.59 6.86215 (19040418) 437931.83
3710833.26 8.30208 (19021718)
437926.87 3710856.93 10.16429 (19021521) 437921.91

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437916.94   3710904.27   14.55576 (20032618)   437911.98   3710927.94   14.76790 (19040418)
        437907.02   3710951.61   15.48549 (17012517)   437902.05   3710975.29   16.86167 (17030518)
        437897.09   3710998.96   18.10408 (17030518)   437892.13   3711022.63   19.75947 (19020522)
        437887.17   3711046.30   19.94548 (17032019)   437882.20   3711069.97   20.29280 (19051921)
        437877.24   3711093.64   21.32806 (19051921)   437872.28   3711117.31   23.32840 (18052319)
        437849.32   3711157.14   30.98137 (19051620)   437831.33   3711173.30   32.10228 (18022222)
        437813.33   3711189.46   32.52041 (19091819)   437795.34   3711205.62   32.32477 (18022219)
        437777.34   3711221.78   32.86944 (17111718)   437759.35   3711237.94   32.63403 (19122917)
        437741.35   3711254.10   32.55597 (19051821)   437723.36   3711270.26   32.94830 (20101718)
        437705.36   3711286.42   33.33120 (20041724)   437687.37   3711302.58   33.27572 (20102520)

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        437669.37   3711318.74       33.47363  (21032521)               437651.38
3711334.90       33.60841  (21092522)
        437633.38   3711351.06       33.59217  (21091321)               437615.39
3711367.22       33.42326  (19090420)
        437597.39   3711383.38       32.63874  (18052020)               437579.40
3711399.54       31.88250  (18050722)
        437561.40   3711415.70       32.84802  (20050801)               437956.64
3710714.90        5.50367  (20020517)
        437953.92   3710690.10        4.86588  (19050518)               437951.19
3710665.29        4.66102  (17012017)
        437948.46   3710640.48        4.67015  (17111808)               437945.73
3710615.68        4.68450  (17111808)
        437943.00   3710590.87        4.69257  (17111808)               437940.27
3710566.06        5.08865  (19060218)
        438050.94   3710728.32        7.26666  (18122506)               438045.84
3710752.67        9.36074  (21030818)
        438040.73   3710777.01        6.07635  (19123016)               438035.63
3710801.36        5.27137  (20020517)
        438030.52   3710825.71        5.71361  (20032618)               438025.42
3710850.06       10.36192  (20032618)
        438020.31   3710874.40       12.47948  (20032618)               438015.21
3710898.75       14.06734  (18123121)
        438010.10   3710923.10       14.61164  (19051920)               438005.00
3710947.45       15.02335  (20020818)
        437999.90   3710971.79       15.46974  (18021903)               437994.79
3710996.14       14.87602  (17022218)
        437989.69   3711020.49       15.81501  (18011920)               437984.58
3711044.84       16.61921  (20110817)
        437979.48   3711069.18       17.48069  (19020522)               437974.37
3711093.53       17.25137  (18022218)
        437969.27   3711117.88       17.77540  (19051921)               437964.16
3711142.23       17.85400  (17032019)
        437959.06   3711166.57       18.09790  (17022218)               437935.45
3711207.54       18.61307  (21031521)
        437916.94   3711224.16       22.75874  (17081019)               437898.43
3711240.79       25.77335  (18042820)
        437879.92   3711257.41       28.96721  (17091119)               437861.41
3711274.03       29.76590  (17111718)
        437842.90   3711290.65       29.31908  (17111718)               437824.39
3711307.27       29.42903  (20032301)
        437805.88   3711323.89       29.57609  (19050522)               437787.37
3711340.52       29.88967  (20101718)
        437768.87   3711357.14       30.10804  (20102520)               437750.36
3711373.76       30.15764  (21092521)
        437731.85   3711390.38       30.12710  (18020618)               437713.34
3711407.00       30.35016  (21092522)
        437694.83   3711423.62       30.46579  (19050220)               437676.32
3711440.25       30.34257  (19050421)
        437657.81   3711456.87       30.32009  (20031318)               437639.30
3711473.49       30.21558  (18041822)
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        438145.46   3710740.67   19.30690 (20030220)   438140.46
3710764.49   14.78270 (19012101)
        438135.47   3710788.31   7.99341 (18122506)   438130.48
3710812.13   6.80402 (19050518)
        438125.48   3710835.95   11.54480 (18020519)   438120.49
3710859.77   13.13504 (18022318)
        438115.50   3710883.58   13.81638 (18021902)   438110.50
3710907.40   13.82943 (18021902)
        438105.51   3710931.22   14.29276 (21030818)   438100.52
3710955.04   14.30553 (18123121)
        438095.52   3710978.86   13.87030 (18021902)   438090.53

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3711002.67       14.31601  (18021903)
        438085.54   3711026.49       14.05363  (18060620)                438080.54
3711050.31       14.30036  (18060620)
        438075.55   3711074.13       14.53207  (20110817)                438070.55
3711097.95       15.22369  (19020522)
        438065.56   3711121.77       15.60682  (17032019)                438060.57
3711145.58       15.50952  (19040619)
        438055.57   3711169.40       15.84690  (19051921)                438050.58
3711193.22       16.12070  (18052319)
        438045.59   3711217.04       16.51475  (17101118)                438022.49
3711257.12       16.02714  (19020503)
        438004.38   3711273.38       15.92760  (21031521)                437986.27
3711289.64       16.40662  (17081019)
        437968.17   3711305.90       18.37401  (21031521)                437950.06
3711322.16       22.37121  (17122018)
        437931.95   3711338.42       25.99409  (17112519)                437913.85
3711354.68       26.64609  (19092219)
        437895.74   3711370.94       26.80283  (21102418)                437877.64
3711387.20       26.88433  (19050522)
        437859.53   3711403.46       27.24103  (19051821)                437841.42
3711419.72       27.45620  (20041724)
        437823.32   3711435.98       27.39435  (18052003)                437805.21
3711452.24       27.35400  (18110923)
        437787.10   3711468.50       27.40863  (21091321)                437769.00
3711484.76       27.60981  (19051720)
        437750.89   3711501.02       27.47752  (21021319)                437732.78
3711517.28       27.44144  (19090420)
        437714.68   3711533.54       27.24890  (20032303)                437696.57
3711549.80       27.24622  (21121217)
        437678.46   3711566.06       27.09725  (17102823)                437660.36
3711582.32       27.58854  (19091922)
        437642.25   3711598.58       28.01409  (21021418)                438155.45
3710693.04       24.25017  (19121517)
        438152.72   3710668.23       27.15250  (21090924)                438149.99
3710643.42       27.31983  (20022618)
        438147.26   3710618.62       25.64389  (19121517)                438144.53
3710593.81       20.28750  (17041319)
        438141.80   3710569.00       16.77818  (19012102)                438139.08
3710544.20       15.19383  (18012017)
        438249.74   3710706.45       24.89832  (17073105)                438244.64
3710730.80       26.18735  (20072119)
        438239.53   3710755.15       26.52438  (17012318)                438234.43
3710779.50       26.50388  (18052001)
        438229.32   3710803.84       24.66161  (19051919)                438224.22
3710828.19       20.74443  (19051919)
        438219.11   3710852.54       15.22991  (21030818)                438214.01
3710876.89        7.89004  (20032618)
        438208.91   3710901.23       12.22573  (18021902)                438203.80
3710925.58       13.57266  (17012018)
        438198.70   3710949.93       14.08968  (21030818)                438193.59
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3710974.28   14.32119 (21042719)
        438188.49   3710998.62   14.41377 (18123121)   438183.38
3711022.97   14.60335 (20030118)
        438178.28   3711047.32   14.17641 (17092618)   438173.17
3711071.67   13.65818 (17022218)
        438168.07   3711096.01   13.91622 (18060620)   438162.96
3711120.36   14.22666 (18060620)
        438157.86   3711144.71   15.02212 (19020503)   438152.76
3711169.06   15.69450 (17032019)
        438147.65   3711193.40   16.24078 (17032220)   438142.55
3711217.75   16.02954 (19040619)
        438137.44   3711242.10   15.80460 (17032019)   438132.34
3711266.45   15.66879 (19020503)
        438108.72   3711307.41   14.80239 (21031521)   438090.22
3711324.04   15.20936 (17081019)
        438071.71   3711340.66   16.18804 (21042619)   438053.20
3711357.28   17.35630 (17101118)
        438034.69   3711373.90   19.69780 (19020519)   438016.18
3711390.52   23.12712 (17111718)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437960.65   3711440.39       24.67407  (21072521)               437942.14
3711457.01       24.60096  (19050522)
        437923.64   3711473.63       25.04447  (20101718)               437905.13
3711490.25       25.08120  (20041724)
        437886.62   3711506.87       25.11598  (21092521)               437868.11
3711523.50       25.08579  (18110923)
        437849.60   3711540.12       25.19786  (19050220)               437831.09
3711556.74       25.18933  (19051720)
        437812.58   3711573.36       25.05514  (21040603)               437794.07
3711589.98       25.07870  (19050421)
        437775.56   3711606.60       24.95604  (20031520)               437757.06
3711623.23       25.00457  (21122817)
        437738.55   3711639.85       24.77411  (20031318)               437720.04
3711656.47       25.03955  (20042621)
        437701.53   3711673.09       25.61205  (20012007)               437683.02
3711689.71       25.47078  (21082702)
        438254.85   3710682.11       23.58869  (19121517)               438252.12
3710657.30       22.85083  (18122504)
        438249.39   3710632.49       22.92889  (19121418)               438246.66
3710607.69       23.96474  (20051119)
        438243.93   3710582.88       24.05141  (18122504)               438241.20
3710558.07       24.29953  (18120117)
        438238.48   3710533.27       25.10275  (17092423)               438349.23
3710695.09       21.43892  (17041901)
        438344.22   3710719.00       21.14361  (21031421)               438339.21
3710742.91       21.52841  (20072119)
        438334.19   3710766.82       22.31637  (17012318)               438329.18
3710790.74       23.79274  (18022306)
        438324.17   3710814.65       25.61316  (19041719)               438319.15
3710838.56       24.85876  (20042419)
        438314.14   3710862.47       23.81885  (20020818)               438309.13
3710886.39       22.15076  (18093022)
        438304.11   3710910.30       20.29482  (19012101)               438299.10
3710934.21       15.82154  (19051619)
        438294.09   3710958.13       10.82480  (17012017)               438289.07
3710982.04       10.86758  (18021902)
        438284.06   3711005.95       12.75637  (21042719)               438279.05
3711029.86       13.71611  (21042719)
        438274.03   3711053.78       14.11145  (20030118)               438269.02
3711077.69       14.41189  (20030118)
        438264.01   3711101.60       14.45181  (20030118)               438258.99
3711125.51       14.31235  (17022218)
        438253.98   3711149.43       13.99943  (17122019)               438248.97
3711173.34       14.03487  (17122019)
        438243.95   3711197.25       14.82393  (17032220)               438238.94
3711221.17       15.73266  (17032019)
        438233.93   3711245.08       15.73908  (17032019)               438228.91
3711268.99       14.22684  (19051922)
        438223.90   3711292.90       13.50954  (18052319)               438218.89
3711316.82       14.09097  (19020503)
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        438195.69   3711357.05       15.44401  (19020918)                438177.52
3711373.38       17.03206  (21042619)
        438159.34   3711389.70       19.03565  (21042619)                438141.16
3711406.03       20.11280  (17091119)
        438122.98   3711422.35       20.50614  (18040619)                438104.80
3711438.68       21.12418  (17111718)
        438086.62   3711455.00       21.60322  (17112519)                438068.45
3711471.33       21.98235  (20112417)
        438050.27   3711487.65       22.10467  (19092219)                438032.09
3711503.98       22.41076  (21102418)
        438013.91   3711520.30       22.58365  (17010218)                437995.73
3711536.63       22.94727  (19050623)
        437977.55   3711552.95       23.02265  (20041724)                437959.38
3711569.28       23.00524  (19050623)
        437941.20   3711585.60       22.85014  (19073021)                437923.02
3711601.93       23.06175  (20040220)
        437904.84   3711618.25       23.04019  (21091321)                437886.66
3711634.58       23.07924  (21123118)
        437868.48   3711650.90       22.98408  (19051720)                437850.31
3711667.23       23.01626  (19090420)
        437832.13   3711683.55       22.84559  (20031520)                437813.95
3711699.88       22.75441  (18052020)
        437795.77   3711716.20       22.63831  (18041822)                437777.59
3711732.53       22.71073  (17021105)
        437759.41   3711748.85       23.07509  (20012007)                437741.24
3711765.17       23.29168  (20050801)
        437723.06   3711781.50       23.65057  (21021418)                438354.25
3710671.17       21.69098  (17052621)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 597
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	22.38724	(17070720)	438348.79	3710621.56	22.77081	(17012021)
438346.06	3710596.75	23.53364	(18120117)	438343.33	3710571.95	23.42855	(18122504)
438340.61	3710547.14	23.31329	(19012023)	438337.88	3710522.33	23.16698	(17021821)
438448.54	3710684.59	22.20542	(17012021)	438443.44	3710708.94	21.58382	(17073105)
438438.33	3710733.28	20.84268	(21082021)	438433.23	3710757.63	20.18489	(21031421)
438428.12	3710781.98	19.74174	(21072522)	438423.02	3710806.33	19.79205	(19021618)
438417.92	3710830.67	20.68875	(18022306)	438412.81	3710855.02	21.65499	(18020519)
438407.71	3710879.37	23.23548	(18052001)	438402.60	3710903.72	23.21788	(19052002)
438397.50	3710928.06	23.44060	(19051323)	438392.39	3710952.41	23.60505	(18093022)
438387.29	3710976.76	22.56220	(18112917)	438382.18	3711001.11	18.74744	(18022318)
438377.08	3711025.45	10.03653	(18123121)	438371.97	3711049.80	10.94554	(18123121)
438366.87	3711074.15	12.20459	(18021902)	438361.77	3711098.50	12.24803	(19122417)
438356.66	3711122.84	12.01094	(20030118)	438351.56	3711147.19	13.33940	(20030118)
438346.45	3711171.54	14.13824	(19051622)	438341.35	3711195.89	13.55143	(21111717)
438336.24	3711220.23	13.11647	(19020522)	438331.14	3711244.58	13.02006	(17032019)
438326.03	3711268.93	13.61144	(17032019)	438320.93	3711293.28	14.08761	(17122019)
438315.83	3711317.62	14.60390	(19040619)	438310.72	3711341.97	14.91998	(19051923)
438305.62	3711366.32	14.39431	(19020918)	438282.00	3711407.29	15.33779	(18052319)
438263.49	3711423.91	17.09678	(17060323)	438244.98	3711440.53	17.99214	(17021107)
438226.48	3711457.15	18.41549	(19021419)	438207.97	3711473.77	18.64308	(18040619)
438189.46	3711490.40	18.95442	(19050702)	438170.95	3711507.02	19.75023	(19021419)
438152.44	3711523.64	20.01449	(19092219)	438133.93			

3711540.26   20.14493 (19092219)
        438115.42   3711556.88   20.32107 (20042624)   438096.91
3711573.50   20.46389 (20110701)
        438078.41   3711590.13   20.67983 (19020818)   438059.90
3711606.75   21.14121 (17031123)
        438041.39   3711623.37   21.17974 (19011717)   438022.88
3711639.99   21.09084 (19022819)
        438004.37   3711656.61   21.04941 (19073021)   437985.86
3711673.23   21.25648 (21032521)
        437967.35   3711689.86   21.28472 (21091321)   437948.84
3711706.48   21.31686 (21123118)
        437930.33   3711723.10   21.22060 (21052822)   437911.83
3711739.72   21.19438 (19050421)
        437893.32   3711756.34   21.04921 (20031520)   437874.81
3711772.96   20.96186 (18050722)
        437856.30   3711789.58   20.99295 (18041822)   437837.79
3711806.21   20.68578 (17102823)
        437819.28   3711822.83   20.86727 (20012007)   437800.77
3711839.45   21.47832 (20012007)
        437782.26   3711856.07   21.72950 (21021418)   437763.75
3711872.69   22.77480 (21081405)
        438453.65   3710660.24   22.22711 (20031118)   438450.92
3710635.43   21.84836 (20051119)
        438448.19   3710610.63   21.92037 (18120117)   438445.46
3710585.82   22.02954 (18031507)
        438442.73   3710561.01   21.60446 (19012023)   438440.01
3710536.21   21.65774 (20122117)
        438437.28   3710511.40   21.61943 (19012023)   438548.02
3710673.29   20.54874 (20031118)
        438542.99   3710697.27   20.65720 (19121517)   438537.97
3710721.24   20.61296 (17041901)
        438532.94   3710745.22   20.11433 (19080520)   438527.91
3710769.20   19.25686 (21031421)
        438522.88   3710793.18   18.52124 (21082021)   438517.86
3710817.16   18.17225 (18020519)
        438512.83   3710841.14   18.65253 (18052001)   438507.80
3710865.12   18.46173 (21092420)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993

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, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438502.78   3710889.09       18.64741  (18052001)               438497.75
3710913.07       19.26793  (21100424)
        438492.72   3710937.05       19.58718  (20012607)               438487.69
3710961.03       20.73606  (17072621)
        438482.67   3710985.01       22.21352  (20020818)               438477.64
3711008.99       21.26406  (18093022)
        438472.61   3711032.97       17.45643  (21042719)               438467.59
3711056.94       14.13793  (18123121)
        438462.56   3711080.92       10.29211  (18022218)               438457.53
3711104.90       10.72202  (18021903)
        438452.50   3711128.88       13.15097  (18041619)               438447.48
3711152.86       13.53364  (20030118)
        438442.45   3711176.84       13.71785  (18092920)               438437.42
3711200.82       14.42207  (19122417)
        438432.40   3711224.79       14.63319  (19040419)               438427.37
3711248.77       14.33217  (17020519)
        438422.34   3711272.75       12.77783  (17020519)               438417.31
3711296.73       11.95284  (17032019)
        438412.29   3711320.71       11.42333  (17032220)               438407.26
3711344.69       11.58229  (19040619)
        438402.23   3711368.67       12.39890  (19051922)               438397.21
3711392.64       13.10045  (19051923)
        438392.18   3711416.62       13.41100  (18052319)               438368.92
3711456.97       13.36096  (19020918)
        438350.69   3711473.34       13.00519  (19051922)               438332.47
3711489.71       12.97396  (19020918)
        438314.24   3711506.08       13.88528  (21042619)               438296.01
3711522.45       15.62260  (19021420)
        438277.78   3711538.82       16.56712  (20102318)               438259.55
3711555.19       16.87687  (17022721)
        438241.32   3711571.56       17.32572  (17022721)               438223.09
3711587.93       17.73185  (19092219)
        438204.87   3711604.30       18.30517  (21102418)               438186.64
3711620.67       18.64690  (21030919)
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        438168.41   3711637.04       18.83508  (20110701)               438150.18
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3711686.15       19.78210  (20041724)
        438095.50   3711702.52       19.90326  (20102520)               438077.27
3711718.89       19.86835  (18110923)
        438059.04   3711735.26       19.92022  (18041904)               438040.81
3711751.63       20.04677  (19050220)
        438022.58   3711768.00       20.05873  (17073002)               438004.35
3711784.37       20.17235  (21031019)
        437986.13   3711800.74       20.12384  (21042501)               437967.90
3711817.11       20.12772  (19090420)
        437949.67   3711833.48       20.13114  (20031221)               437931.44
3711849.85       20.04656  (18041822)
        437913.21   3711866.22       19.79506  (18012907)               437894.98
3711882.59       19.68717  (20031318)
        437876.75   3711898.96       19.54177  (19040621)               437858.53
3711915.33       19.89058  (20012007)
        437840.30   3711931.70       19.88542  (20082924)               437822.07
3711948.07       20.34543  (18071405)
        437803.84   3711964.44       21.99811  (20082924)               438553.05
3710649.31       20.32645  (20031118)
        438550.32   3710624.50       19.33684  (18122503)               438547.59
3710599.69       18.50705  (19051924)
        438544.86   3710574.89       17.59634  (17070720)               438542.13
3710550.08       17.11243  (19121418)
        438539.41   3710525.27       17.23912  (18012004)               438536.68
3710500.47       17.47149  (18051006)
        438647.34   3710662.72       17.34221  (20031118)               438642.24
3710687.07       18.54741  (17012318)
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3710735.77       19.59567  (17032224)
        438626.93   3710760.11       19.61430  (20072119)               438621.82
3710784.46       19.22207  (17012318)
        438616.72   3710808.81       18.11389  (21072522)               438611.61
3710833.16       17.18209  (21042522)
        438606.51   3710857.50       17.31454  (19041719)               438601.40
3710881.85       16.93306  (18061320)
        438596.30   3710906.20       17.34009  (18062204)               438591.19
3710930.55       18.92803  (21100424)
        438586.09   3710954.89       20.00291  (20040803)               438580.99
3710979.24       20.34426  (18093022)
        438575.88   3711003.59       19.07202  (18112917)               438570.78
3711027.94       18.08591  (17040820)
        438565.67   3711052.28       17.17640  (18123121)               438560.57
3711076.63       15.11567  (18090719)
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BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	13.83364	(21042719)	438550.36	3711125.33	12.61087	(18031405)
438545.25	3711149.67	11.26672	(20030118)	438540.15	3711174.02	9.80895	(17092618)
438535.04	3711198.37	8.92189	(20030118)	438529.94	3711222.72	10.19237	(18060620)
438524.84	3711247.06	12.96765	(18092920)	438519.73	3711271.41	13.87543	(17020519)
438514.63	3711295.76	13.98421	(21111717)	438509.52	3711320.11	14.14728	(21111717)
438504.42	3711344.45	14.24339	(20102319)	438499.31	3711368.80	13.91148	(17032220)
438494.21	3711393.15	13.51028	(19040619)	438489.10	3711417.50	13.74038	(19051923)
438484.00	3711441.84	13.79752	(18022222)	438478.89	3711466.19	13.71437	(21031521)
438455.28	3711507.16	12.96888	(18052319)	438436.77	3711523.78	12.44611	(17081019)
438418.26	3711540.40	11.89130	(19020918)	438399.75	3711557.02	11.72363	(18052319)
438381.25	3711573.65	12.77401	(19021420)	438362.74	3711590.27	15.23563	(19050702)
438344.23	3711606.89	16.74105	(19090220)	438325.72	3711623.51	17.42491	(20102318)
438307.21	3711640.13	17.36861	(17112519)	438288.70			

3711656.75 17.40215 (18091022)
438270.19 3711673.38 17.35561 (18091022) 438251.68
3711690.00 17.41393 (21030919)
438233.17 3711706.62 17.45580 (17010218) 438214.67
3711723.24 17.79375 (21012218)
438196.16 3711739.86 18.16260 (17010919) 438177.65
3711756.48 18.36766 (19011717)
438159.14 3711773.11 18.49564 (20102520) 438140.63
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438085.10 3711839.59 18.76243 (17073002) 438066.60
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438048.09 3711872.84 18.81792 (19040222) 438029.58
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437974.05 3711939.32 18.50443 (19012018) 437955.54
3711955.94 18.41966 (17102823)
437937.03 3711972.57 18.08971 (17021105) 437918.52
3711989.19 18.18692 (20012007)
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3712022.43 18.73905 (18071405)
437863.00 3712039.05 20.27186 (21081405) 437844.49
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3710563.96 15.97709 (18031507)
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3710651.47 15.22888 (17040819)
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438721.62 3710771.61 18.25085 (21042522) 438716.59
3710795.63 18.26718 (18122506)
438711.55 3710819.66 17.78649 (19041719) 438706.51
3710843.69 17.01104 (17121917)
438701.48 3710867.71 16.57813 (18020519) 438696.44
3710891.74 16.17174 (21092420)
438691.40 3710915.77 16.51424 (18052001) 438686.36
3710939.80 17.65890 (21100424)
438681.33 3710963.82 18.30990 (21100424) 438676.29
3710987.85 19.18574 (20040803)
438671.25 3711011.88 19.22552 (19052002) 438666.21
3711035.90 18.95188 (18112919)
438661.18 3711059.93 18.95616 (20032619) 438656.14

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438630.95   3711204.09   12.38328 (18022218)   438625.92
3711228.12   11.84912 (20030118)
        438620.88   3711252.15   11.50977 (18092920)   438615.84
3711276.18   10.68696 (19051622)
        438610.80   3711300.20   8.90050 (19051920)   438605.77
3711324.23   8.40067 (20110817)
        438600.73   3711348.26   9.80946 (18021903)   438595.69
3711372.28   11.24334 (19040419)
        438590.65   3711396.31   12.31904 (18021904)   438585.62
3711420.34   12.77379 (19040619)
        438580.58   3711444.37   12.59620 (19051923)   438575.54
3711468.39   12.05257 (19051923)
        438570.50   3711492.42   11.36732 (19051923)   438565.47
3711516.45   10.44402 (19020918)
        438542.16   3711556.88   10.33348 (19020918)   438523.90
3711573.28   10.68593 (19020918)

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        438505.63   3711589.68       11.07199  (19020918)               438487.37
3711606.09       11.74784  (17081019)
        438469.10   3711622.49       13.09979  (17091119)               438450.84
3711638.89       15.27187  (18040619)
        438432.57   3711655.29       15.73593  (20102318)               438414.31
3711671.70       16.30110  (19021419)
        438396.04   3711688.10       16.60754  (17112519)               438377.78
3711704.50       16.98638  (17111718)
        438359.51   3711720.91       16.95574  (18091022)               438341.25
3711737.31       17.08100  (20032301)
        438322.98   3711753.71       17.12288  (19050522)               438304.71
3711770.12       17.16839  (21072521)
        438286.45   3711786.52       17.20447  (17062001)               438268.18
3711802.92       17.44557  (20101718)
        438249.92   3711819.32       17.58795  (17012319)               438231.65
3711835.73       17.48154  (20040220)
        438213.39   3711852.13       17.47349  (21123118)               438195.12
3711868.53       17.49477  (18110923)
        438176.86   3711884.94       17.42736  (18020618)               438158.59
3711901.34       17.63423  (21032521)
        438140.33   3711917.74       17.65993  (19040222)               438122.06
3711934.14       17.73579  (19090420)
        438103.80   3711950.55       17.63843  (21042501)               438085.53
3711966.95       17.64959  (19090420)
        438067.27   3711983.35       17.66308  (19072504)               438049.00
3711999.76       17.50009  (18041822)
        438030.73   3712016.16       17.16110  (19012018)               438012.47
3712032.56       17.06393  (20031318)
        437994.20   3712048.97       17.02371  (17070722)               437975.94
3712065.37       17.02449  (20012007)
        437957.67   3712081.77       17.47551  (19091922)               437939.41
3712098.17       17.51167  (21051406)
        437921.14   3712114.58       17.72912  (21082702)               437902.88
3712130.98       19.29920  (20082924)
        437884.61   3712147.38       20.20593  (21082702)               438751.85
3710627.44       14.88164  (20031118)
        438749.12   3710602.64       14.91145  (17021822)               438746.39
3710577.83       14.90578  (17070720)
        438743.66   3710553.02       14.82964  (20011419)               438740.94
3710528.22       14.52950  (20011419)
        438738.21   3710503.41       14.91171  (18012004)               438735.48
3710478.60       15.11885  (18051006)
        437306.53   3710616.73      102.31603  (17051120)               437313.98
3710595.52       97.61034  (17051120)
        437321.42   3710574.31       95.53287  (19012105)               437361.16
3710612.07       80.87525  (18122505)
        437368.60   3710590.86       79.99385  (17051120)               437415.78
3710607.42       80.15978  (21012006)
        437433.19   3710708.81       76.93080  (21042522)               437480.37
3710725.37       71.66722  (21092420)
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3710577.45 66.45566 (19030223)
437486.79 3710554.75 54.01801 (17051120) 437494.60
3710532.05 33.40710 (21012519)
437518.44 3710616.42 62.84526 (20022618) 437526.25
3710593.72 60.49467 (20122117)
437534.07 3710571.02 54.34570 (21122603) 437541.88
3710548.33 33.22035 (18041620)
437589.16 3710564.60 28.08352 (18101218) 437620.81
3710626.27 47.14910 (17041319)
437723.18 3710636.11 7.84683 (20120708) 437770.46
3710652.39 6.98656 (20120708)
437778.27 3710629.69 6.84305 (20120708) 437872.82
3710662.24 5.49550 (21122408)
438345.60 3710824.97 24.79400 (19041719) 438432.34
3710880.21 22.45012 (18052001)
438440.16 3710857.51 20.89254 (18020519) 438511.27
3710958.15 20.37062 (18112919)
438519.09 3710935.45 19.17652 (20012607) 438526.90
3710912.76 18.27709 (21100424)
438534.71 3710890.06 17.82118 (18020519) 438605.83
3710990.70 19.35831 (19051323)
438613.64 3710968.00 20.01871 (19051323) 438621.46
3710945.30 19.27686 (17121917)
438629.27 3710922.61 17.97774 (21100424) 438692.57
3711045.94 18.00287 (18082321)
438700.39 3711023.24 18.01637 (20032619) 438708.20
3711000.55 18.32352 (17041920)
438716.01 3710977.85 17.78759 (20040803) 438723.82
3710955.15 17.12543 (18092919)
437354.00 3710454.83 64.26107 (21120417) 437343.58
3710413.15 55.45774 (18021207)
437401.68 3710461.64 55.74054 (19012105) 437397.29
3710421.87 49.73557 (21012505)
437450.09 3710451.88 23.78011 (20041418) 437445.80
3710409.74 23.77754 (21012518)
437498.70 3710437.39 18.03083 (19040118) 437497.06
3710475.25 19.34825 (19012817)
437494.31 3710397.61 19.54149 (21012518) 437547.15
3710426.61 15.46720 (19021722)
437545.39 3710467.18 16.77128 (20101417) 437543.64
3710507.75 17.48376 (21012519)
437542.82 3710385.49 16.11690 (20041418) 437595.61
3710415.50 13.41828 (21122408)
437593.77 3710458.10 14.14120 (19020617) 437591.92
3710500.70 14.98389 (21012519)
437591.32 3710373.36 13.23766 (19021722) 437644.18
3710401.95 11.95156 (19021722)
437642.46 3710441.71 12.10910 (20101417) 437640.74
3710481.47 12.96935 (21012517)
437639.02 3710521.23 12.89671 (21012517) 437637.29

3710560.99   12.71142 (20101417)
        437639.83   3710361.23   11.84786 (19021722)   437692.65
3710390.60   10.54226 (19020617)
        437690.86   3710431.91   10.53600 (20101417)   437689.08
3710473.22   11.12308 (20101417)
        437687.29   3710514.53   11.20186 (20101417)   437685.50
3710555.84   10.72935 (20101417)
        437688.34   3710349.11   9.67310 (19012817)   437741.13
3710379.12   9.45930 (21012517)
        437739.29   3710421.72   9.21746 (20101417)   437737.44
3710464.32   9.64091 (20101417)
        437735.60   3710506.92   9.64292 (20101417)   437733.76
3710549.52   9.35813 (21012517)
        437736.84   3710336.98   8.99616 (21122408)   437789.68
3710365.98   8.51727 (19021722)
        437787.93   3710406.55   8.21908 (19021722)   437786.17
3710447.12   8.41582 (20101417)
        437784.41   3710487.69   8.48791 (21012519)   437782.66
3710528.26   8.35903 (19060218)
        437780.90   3710568.83   7.75077 (21012517)   437785.35
3710324.85   8.27942 (19020617)
        437886.65   3710342.74   6.85803 (17042018)   437884.81
3710385.34   6.47695 (17042018)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

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        438360.93   3710470.92       21.75414  (19030223)               438359.12
3710512.57       22.34438  (21060920)
        438367.44   3710179.33       20.25619  (20090920)               438468.74
3710197.22       20.34569  (19012106)
        438466.89   3710239.82       20.23872  (19032719)               438465.05
3710282.42       20.22834  (17041419)
        438463.21   3710325.02       20.80236  (18041601)               438461.36
3710367.62       20.31910  (18071401)
        438459.52   3710410.22       19.12638  (18071401)               438457.67
3710452.82       19.08368  (17012303)
        438455.83   3710495.42       19.97046  (18071902)               438464.45
3710155.08       19.99196  (17020718)
        438565.76   3710172.76       18.26336  (21100819)               438563.94
3710214.95       19.15909  (19052004)
        438562.11   3710257.15       19.29638  (18012018)               438560.28
3710299.34       19.15196  (19040519)
        438558.46   3710341.54       19.48511  (18011823)               438556.63
3710383.73       19.36935  (17032620)
        438554.80   3710425.92       18.85486  (17032620)               438552.98
3710468.12       17.76328  (20051819)
        438536.54   3710847.87       18.23217  (21092420)               438561.47
3710130.82       17.19165  (20032420)
        438662.78   3710148.34       15.44922  (18022419)               438660.97
3710190.19       16.59301  (21092603)
        438659.16   3710232.04       17.81006  (19121317)               438657.35
3710273.89       17.65915  (21121419)
        438655.54   3710315.75       16.95312  (18022304)               438653.73
3710357.60       16.52435  (20051819)
        438651.91   3710399.45       17.09427  (19012024)               438650.10
3710441.30       17.04884  (21040303)
        438631.99   3710859.83       17.09240  (19041719)               438658.48
3710106.57       16.04439  (18032719)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 603
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	14.40074	(21081321)	438757.94	3710167.06	14.20853	(17020718)
438756.09	3710209.66	15.00772	(20051220)	438754.25	3710252.26	15.89183	(17011819)
438752.41	3710294.86	16.28664	(18022304)	438750.56	3710337.46	15.53862	(21072606)
438748.72	3710380.05	14.92737	(19070606)	438746.87	3710422.65	15.14934	(21040303)
438728.43	3710848.65	16.70207	(17080121)	438726.59	3710891.25	15.79673	(18092919)
438755.49	3710082.32	14.72672	(19032719)	437346.05	3710385.82	47.35591	(18021207)
437396.03	3710387.04	47.16665	(21120319)	437446.52	3710367.92	26.60272	(19012817)
437496.50	3710369.14	17.89601	(18020117)	437995.36	3710422.03	5.10102	(20101417)
437996.35	3710381.35	5.10085	(19021722)	438094.83	3710444.81	4.30150	(21012519)
438095.82	3710404.13	10.34768	(20110820)	438194.80	3710447.25	26.04835	(19101218)
438195.80	3710406.57	25.68920	(21042420)	438294.77	3710449.69	24.05735	(19030223)
438295.77	3710409.01	24.00917	(21060123)	438394.74	3710452.13	22.01909	(21060920)
438395.74	3710411.45	22.28766	(19101218)	438494.71	3710454.57	17.89608	(19073121)
438495.71	3710413.89	18.62517	(17080201)	438594.68	3710457.01	17.75914	(21040303)
438595.68	3710416.33	18.56961	(17071123)	438694.65	3710459.46	15.61403	(19073121)
438695.65	3710418.78	16.27225	(19073121)	438794.62	3710461.90	14.18562	(18071902)
438795.62	3710421.22	14.25075	(19073121)	437341.85	3710350.28	37.77939	(19040118)
437325.75	3710319.20	36.08963	(20020717)	437302.93	3710287.45	30.81328	(17040418)
437382.46	3710321.10	38.26593	(18022701)	437391.84	3710351.50	45.12215	(18121817)
437366.35	3710290.02	29.46838	(20033118)	437343.53			

3710258.27   28.64007 (20041418)
        437424.00   3710294.96   35.52624 (20120217)   437435.26
3710331.44   34.02294 (20121917)
        437406.96   3710260.84   24.92548 (17101217)   437384.14
3710229.09   25.66635 (20020717)
        437464.33   3710264.91   26.87358 (19022718)   437475.05
3710299.66   21.91189 (18040818)
        437485.78   3710334.40   21.98135 (19012817)   437447.56
3710231.67   22.04677 (17101217)
        437424.74   3710199.91   20.51369 (20020717)   437504.78
3710235.25   19.43214 (17101217)
        437515.21   3710269.03   18.15450 (18040818)   437525.64
3710302.81   18.46382 (19012817)
        437536.06   3710336.58   15.11781 (21012518)   437488.16
3710202.49   21.06218 (18021919)
        437465.34   3710170.73   17.10757 (17101217)   437545.80
3710207.42   16.50211 (17101217)
        437557.06   3710243.90   15.05844 (21040418)   437568.32
3710280.38   14.91386 (19101917)
        437579.58   3710316.86   13.77004 (21012518)   437528.76
3710173.31   16.38812 (19012717)
        437505.94   3710141.55   15.53036 (17101217)   437586.25
3710177.74   14.21549 (18040818)
        437597.20   3710213.20   13.09294 (21040418)   437608.14
3710248.67   12.70312 (19101917)
        437619.09   3710284.14   12.08671 (21012518)   437630.04
3710319.60   11.95307 (20041418)
        437569.37   3710144.13   13.97420 (21020617)   437546.55
3710112.37   13.97769 (17101217)
        437626.74   3710148.20   12.25474 (18040818)   437637.46
3710182.94   11.50142 (21040418)
        437648.19   3710217.68   10.86611 (19101917)   437658.91
3710252.42   10.73310 (21012518)
        437669.63   3710287.17   10.41251 (21012507)   437680.36
3710321.91   10.56053 (19021722)
        437609.97   3710114.95   12.72411 (21020617)   437587.15
3710083.19   12.20336 (18041718)
        437667.61   3710119.88   10.60071 (17101217)   437678.87
3710156.36   10.09450 (21040418)
        437690.13   3710192.84   9.18400 (21040418)   437701.39
3710229.32   9.28658 (21122216)

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437712.65   3710265.80   9.24241 (19040118)   437723.91
3710302.28   9.10713 (19012817)
        437650.57   3710085.77   11.35393 (17101217)   437627.75
3710054.01   11.08257 (19040118)
        437708.10   3710090.35   9.28388 (21040418)   437719.14
3710126.11   8.97307 (21040418)
        437730.18   3710161.88   8.09412 (18020117)   437741.22
3710197.64   8.28049 (21122216)
        437752.26   3710233.41   8.33636 (19040118)   437763.30
3710269.17   8.18556 (19012817)
        437774.33   3710304.94   7.87090 (21122408)   437691.17
3710056.59   10.02531 (17101217)
        437668.35   3710024.83   9.63072 (19012717)   437789.42
3710032.35   7.56087 (21040418)
        437800.68   3710068.83   7.18130 (21040418)   437811.94
3710105.31   6.46915 (21040418)
        437823.20   3710141.79   6.85864 (19020617)   437834.46
3710178.27   6.62719 (19040118)
        437845.71   3710214.75   6.26950 (20110822)   437856.97
3710251.23   6.39488 (20110822)
        437772.38   3709998.23   7.99363 (18040818)   437749.56
3709966.48   8.06509 (21020617)
        437870.70   3709974.25   6.31224 (21040418)   437882.13
3710011.26   5.94549 (19012817)
        437893.55   3710048.27   5.96975 (21012518)   437904.97
3710085.28   6.03398 (19012817)
        437916.39   3710122.29   11.31217 (21012506)   437927.82
3710159.30   16.86410 (18041219)
        437939.24   3710196.30   18.51791 (19021722)   437950.66
3710233.31   17.84467 (19021722)

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        437853.58   3709939.87        6.43783  (21040418)              437830.76
3709908.12        6.96466  (17101217)
        437951.76   3709915.40        8.08606  (21121817)              437962.88
3709951.43        9.07092  (21120418)
        437974.00   3709987.46        8.91423  (21010417)              437985.12
3710023.49       11.13947  (21121817)
        437996.24   3710059.52       13.17408  (21012506)              438007.36
3710095.55       15.00118  (21022218)
        438018.48   3710131.58       19.71656  (21051319)              438029.60
3710167.61       25.20925  (17091322)
        438040.72   3710203.64       27.10068  (20032919)              438051.84
3710239.67       28.53459  (17041621)
        438062.96   3710275.70       28.79686  (17041621)              437934.79
3709881.51        5.51527  (21040418)
        437911.97   3709849.76        5.75777  (17101217)              438033.03
3709857.27        7.86404  (21020218)
        438044.29   3709893.75       10.23052  (20121917)              438055.55
3709930.23       14.04314  (21010417)
        438066.81   3709966.71       18.80494  (21022618)              438078.07
3710003.19       19.83956  (17012020)
        438089.33   3710039.67       19.82113  (18120123)              438100.59
3710076.15       21.96224  (17091322)
        438111.85   3710112.63       25.58533  (20032521)              438123.11
3710149.11       26.18034  (20032919)
        438134.37   3710185.59       26.38034  (18041623)              438145.63
3710222.07       26.12287  (21013018)
        438156.88   3710258.55       25.75322  (18030418)              438015.99
3709823.15        4.78128  (21040418)
        437993.17   3709791.40        4.84637  (21122216)              438114.29
3709799.09        7.97290  (21121117)
        438125.67   3709835.94        9.54365  (21010417)              438137.04
3709872.79       10.65523  (21010417)
        438148.41   3709909.64       11.27298  (17012024)              438159.79
3709946.49       13.08881  (18120201)
        438171.16   3709983.34       15.45030  (18120201)              438182.53
3710020.19       16.35875  (20032521)
        438193.91   3710057.03       18.47361  (20032521)              438205.28
3710093.88       19.95148  (20032521)
        438216.65   3710130.73       20.52859  (19021619)              438228.02
3710167.58       20.41743  (19021619)
        438239.40   3710204.43       21.13239  (18022419)              438250.77
3710241.28       22.22554  (19032719)
        438284.89   3710351.82       23.10605  (18042222)              438097.20
3709764.79        7.02474  (21121718)
        438074.38   3709733.04        4.23676  (21122216)              438195.55
3709740.89       10.32070  (21120418)
        438207.01   3709778.04       12.70314  (17011318)              438218.48
3709815.20       14.61632  (20120417)
        438229.95   3709852.36       13.87196  (21120317)              438241.42
3709889.51       14.26752  (19022318)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	16.77228	(21031522)	438264.35	3709963.82	18.05224	(21012506)
438275.82	3710000.98	19.68599	(17091322)	438287.29	3710038.13	19.81571	(17012020)
438298.76	3710075.29	20.73068	(20032521)	438310.22	3710112.44	20.49819	(21013018)
438321.69	3710149.60	19.74738	(17041621)	438333.16	3710186.76	20.33778	(20032523)
438344.63	3710223.91	21.06388	(17012019)	438390.50	3710372.53	22.14889	(17032022)
438178.40	3709706.43	7.16302	(21021918)	438155.58	3709674.68	6.71853	(21120318)
438276.65	3709682.19	11.70672	(21120319)	438287.91	3709718.67	16.45178	(20051222)
438299.17	3709755.15	18.31716	(21120818)	438310.43	3709791.63	19.20908	(20021022)
438321.68	3709828.11	19.51748	(20053022)	438332.94	3709864.59	19.54502	(19121419)
438344.20	3709901.07	19.23923	(20032421)	438355.46	3709937.55	19.07880	(17110218)
438366.72	3709974.03	19.31342	(17032819)	438377.98			

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3710010.51       19.42254  (21092707)
        438389.24   3710046.99       19.36528  (19040520)                438400.50
3710083.47       19.82141  (21020718)
        438411.76   3710119.95       20.45224  (20032419)                438423.02
3710156.43       20.72069  (21110618)
        438434.28   3710192.91       20.83981  (17020718)                438445.54
3710229.39       20.17797  (17012019)
        438484.94   3710357.07       20.46772  (19012024)                438259.61
3709648.07        8.15877  (20120417)
        438236.79   3709616.32        7.95487  (21121817)                438357.90
3709623.97       11.14606  (21121817)
        438369.24   3709660.74       10.83552  (19022318)                438380.59
3709697.50       12.37671  (21120419)
        438391.94   3709734.26       14.86233  (21021218)                438403.28
3709771.03       16.42774  (20011217)
        438414.63   3709807.79       18.23384  (18120123)                438425.97
3709844.55       18.24106  (21092621)
        438437.32   3709881.31       17.99009  (17021820)                438448.67
3709918.08       17.16772  (17080305)
        438460.01   3709954.84       16.96945  (19021619)                438471.36
3709991.60       16.90102  (20032919)
        438482.71   3710028.37       17.33126  (20032919)                438494.05
3710065.13       17.63471  (17071421)
        438505.40   3710101.89       17.43635  (17022020)                438516.75
3710138.65       18.26206  (21082720)
        438528.09   3710175.42       19.16134  (21092603)                438539.44
3710212.18       19.32811  (19121317)
        438573.48   3710322.47       18.96580  (18011823)                438584.83
3710359.23       18.80874  (21121420)
        438340.81   3709589.72       10.87136  (21022618)                438317.99
3709557.96       10.10401  (17052321)
        438439.14   3709565.74       14.72767  (21021218)                438450.56
3709602.75       15.29532  (21090721)
        438461.98   3709639.76       15.45971  (21022618)                438473.41
3709676.76       14.83845  (21021218)
        438484.83   3709713.77       13.46979  (19021603)                438496.25
3709750.78       13.75953  (20021021)
        438507.67   3709787.79       14.11658  (21031522)                438519.10
3709824.80       15.43149  (21092618)
        438530.52   3709861.81       17.14120  (19011217)                438541.94
3709898.82       17.89827  (20032521)
        438553.36   3709935.83       18.15206  (20032919)                438564.79
3709972.83       18.42407  (18041623)
        438576.21   3710009.84       18.36316  (19040520)                438587.63
3710046.85       17.78883  (21060202)
        438599.05   3710083.86       16.66795  (20032420)                438610.47
3710120.87       16.23570  (21061019)
        438621.90   3710157.88       16.44135  (18022419)                438633.32
3710194.89       17.51918  (20051220)
        438679.01   3710342.92       16.09227  (21060123)                438690.43
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3710379.93   16.03581 (17080201)
        438422.02   3709531.36   14.26602 (17091224)   438399.20
3709499.60   14.58085 (17041420)
        438520.38   3709507.49   15.48307 (17011318)   438531.87
3709544.71   15.49702 (18052505)
        438543.35   3709581.94   15.82704 (20100919)   438554.84
3709619.16   15.90016 (18092503)
        438566.33   3709656.39   16.07314 (21113017)   438577.82
3709693.61   16.18672 (18120123)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438589.31   3709730.83   16.01032 (17041119)   438600.80
3709768.06   15.94493 (18120217)
        438612.29   3709805.28   15.69844 (21062421)   438623.78
3709842.51   15.63850 (20032521)
        438635.27   3709879.73   15.98192 (19093018)   438646.76
3709916.96   16.84040 (18052520)
        438658.24   3709954.18   17.25366 (18052520)   438669.73
3709991.41   17.27538 (17082403)
        438681.22   3710028.63   17.05735 (19071519)   438692.71
3710065.86   16.88906 (20032419)
        438704.20   3710103.08   16.02057 (19032719)   438715.69
3710140.30   14.98179 (19032719)

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        438727.18   3710177.53       14.69711  (17020718)               438773.13
3710326.43       15.67903  (19052701)
        438784.62   3710363.65       14.94540  (17080201)               438503.22
3709473.00       15.45269  (20041819)
        438480.40   3709441.24       15.55083  (19032320)               437273.32
3710263.86       28.51934  (19012717)
        437239.83   3710241.54       26.77234  (19021117)               437317.80
3710233.42       25.04114  (17040418)
        437284.31   3710211.10       23.45277  (19021117)               437250.82
3710188.77       21.55568  (19021117)
        437358.40   3710204.24       22.11029  (18020117)               437328.79
3710180.66       20.27251  (17040418)
        437295.30   3710158.33       20.19134  (19101817)               437386.13
3710162.64       18.79637  (18020117)
        437356.52   3710139.05       17.05300  (18120916)               437323.03
3710116.73       17.52468  (19101817)
        437413.87   3710121.04       16.14721  (18020117)               437439.60
3710145.88       19.26547  (20041418)
        437384.25   3710097.45       14.75589  (20101117)               437350.76
3710075.13       15.28606  (19101817)
        437441.60   3710079.43       14.00074  (18020117)               437467.34
3710104.28       16.48627  (20041418)
        437411.99   3710055.85       13.04148  (20101117)               437378.50
3710033.52       13.16602  (17010316)
        437469.33   3710037.83       12.25217  (18020117)               437495.07
3710062.68       14.24731  (20041418)
        437520.81   3710087.53       12.84364  (17101217)               437439.72
3710014.24       11.60834  (20101117)
        437406.23   3709991.92       11.49803  (19021117)               437497.07
3709996.23       10.80103  (18020117)
        437522.81   3710021.07       12.40750  (20041418)               437548.54
3710045.92       11.56412  (20020717)
        437467.45   3709972.64       10.39662  (20101117)               437433.96
3709950.31       10.20845  (19021117)
        437526.41   3709956.18        9.71398  (18020117)               437555.36
3709984.13       11.36296  (20041418)
        437584.32   3710012.08       10.35688  (17101217)               437495.19
3709931.04        9.36521  (20101117)
        437461.70   3709908.71        9.06625  (17040418)               437553.96
3709914.40        8.72108  (20101117)
        437582.56   3709942.01        9.97728  (20041418)               437611.16
3709969.62        9.23246  (20041518)
        437639.76   3709997.23       10.09520  (17101217)               437522.92
3709889.43        8.47560  (20101117)
        437489.43   3709867.11        8.17111  (19021117)               437609.17
3709830.94        7.18522  (20101117)
        437637.25   3709858.05        8.27570  (17040418)               437665.33
3709885.16        7.70014  (20020717)
        437693.40   3709912.26        8.15939  (17101217)               437721.48
3709939.37        8.05729  (19040118)
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3709637.65 4.87680 (20020717)
437862.88 3709665.61 4.83192 (20041518) 437891.83
3709693.56 4.91713 (19122116)
437920.79 3709721.51 4.93081 (19012717) 437949.74
3709749.47 4.89360 (19122116)
437744.79 3709556.61 4.43560 (21011417) 437711.30
3709534.28 4.15230 (20101117)
437831.30 3709498.36 3.82523 (21011417) 437859.90
3709525.97 4.11937 (18020117)
437888.50 3709553.58 4.30956 (20020717) 437917.09
3709581.19 4.22945 (20041518)
437945.69 3709608.80 4.37534 (17101217) 437974.29
3709636.41 4.40476 (18041718)
438002.88 3709664.02 4.38356 (19040118) 438031.48
3709691.63 4.39382 (21020617)
437800.26 3709473.40 3.81820 (20082918) 437766.77
3709451.07 3.70108 (17120117)
437886.62 3709415.02 3.42839 (21011417) 437914.94
3709442.35 3.52299 (18020117)
437943.25 3709469.69 3.74327 (20041418) 437971.56
3709497.02 3.72842 (20041518)
437999.87 3709524.35 3.81486 (19122116) 438028.18
3709551.68 3.84983 (19102017)
438056.49 3709579.02 3.79867 (18040418) 438084.80
3709606.35 3.89904 (19122116)
438113.12 3709633.68 6.21732 (21010817) 437855.72
3709390.19 3.31876 (20101117)
437822.23 3709367.87 3.29225 (17120117) 437941.97
3709331.70 3.13997 (21011417)
437970.05 3709358.81 3.06695 (20041518) 437998.13
3709385.91 3.22278 (20041518)
438026.21 3709413.02 3.28925 (18040818) 438054.28
3709440.13 3.40847 (19122116)
438082.36 3709467.23 3.51960 (17101217) 438110.44
3709494.34 3.35604 (18040418)
438138.52 3709521.45 3.58764 (19122116) 438166.59
3709548.55 6.07221 (20120217)
438194.67 3709575.66 7.22087 (20121917) 437911.19
3709306.98 2.96257 (17120117)
437877.70 3709284.66 3.04156 (17120117) 437997.34
3709248.40 2.79419 (19101917)
438025.23 3709275.32 2.76805 (17012023) 438053.11
3709302.24 2.87022 (20041518)
438080.99 3709329.15 2.91044 (17040418) 438108.87
3709356.07 3.07155 (19122116)
438136.76 3709382.99 3.06529 (17101217) 438164.64
3709409.91 3.05214 (18041718)
438192.52 3709436.83 3.24803 (21121718) 438220.40
3709463.75 5.31349 (19022718)
438248.29 3709490.67 6.75113 (18022518) 438276.17

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3709517.58        7.62927  (20121517)
        437966.66   3709223.78        2.70521  (17120117)                437933.17
3709201.45        2.73161  (20082918)
        438053.28   3709165.65        2.50954  (17012023)                438082.11
3709193.48        2.55582  (17012023)
        438110.94   3709221.31        2.58298  (20041518)                438139.76
3709249.14        2.64924  (17040418)
        438168.59   3709276.97        2.80339  (18040818)                438197.41
3709304.80        2.70810  (17101217)
        438226.24   3709332.63        2.69635  (18041718)                438255.07
3709360.46        3.00105  (18041718)
        438283.89   3709388.28        5.39937  (18022701)                438312.72
3709416.11        6.93073  (19010417)
        438341.55   3709443.94       11.31636  (21091120)                438370.37
3709471.77       14.46641  (18090622)
        438022.13   3709140.57        2.48232  (17120117)                437988.64
3709118.25        2.49393  (17020419)
        438108.64   3709082.33        2.32242  (17012023)                438137.23
3709109.94        2.36634  (17012023)
        438165.83   3709137.55        2.35052  (18020117)                438194.43
3709165.16        2.40562  (17040418)
        438223.03   3709192.77        2.45181  (18040818)                438251.62
3709220.37        2.41290  (20041518)
        438280.22   3709247.98        2.38237  (19021723)                438308.82
3709275.59        2.42870  (18040418)
        438337.42   3709303.20        4.78548  (18021919)                438366.01
3709330.81       10.93867  (17012103)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 608
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438394.61	3709358.42	14.43959	(20053021)	438423.21	3709386.03	15.38327	(19120517)
438451.80	3709413.64	15.44945	(17091224)	438077.59	3709057.36	2.28332	(17120117)
438044.10	3709035.04	2.30241	(17020419)	437216.54	3710215.91	23.57250	(19101817)
437560.19	3710008.56	11.26023	(20033118)	437925.03	3709745.14	5.05513	(19122116)
438006.11	3709686.60	4.42435	(19122116)	437280.77	3710233.20	25.23853	(19021117)
437322.73	3710276.31	30.03145	(20041418)	437378.59	3710253.95	26.58803	(20020717)
437430.98	3710247.96	23.57876	(17101217)	437616.20	3710338.58	12.38794	(19040118)
437665.11	3710348.96	10.83936	(19012817)	437762.93	3710369.71	9.02391	(21012517)
437860.76	3710390.47	6.94360	(17042018)	437867.70	3710357.73	7.13814	(17042018)
437958.58	3710411.22	5.54876	(20101417)	437965.53	3710378.48	5.42591	(20101417)
438056.40	3710431.98	4.86311	(21012519)	437265.29	3710160.30	19.45740	(20020717)
437512.30	3710332.18	18.37361	(19101917)	437555.45	3710357.43	15.25809	(18041718)
437567.36	3710337.09	14.21980	(21122216)	437617.94	3710448.63	13.09654	(20101417)
437704.25	3710499.15	10.67264	(20101417)	437716.15	3710478.80	10.29570	(20101417)
437814.36	3710508.97	7.69185	(19060218)	437826.27	3710488.63	7.51626	(21012519)
437888.76	3710579.83	5.60032	(21012517)	437900.67	3710559.49	5.74753	(19060218)
437912.58	3710539.14	5.74966	(19060218)	437998.88	3710589.66	4.22922	(17111808)
438073.28	3710660.51	3.73389	(21070806)	438085.18	3710640.17	3.66356	(17111808)
437259.86	3710108.07	15.82615	(21020117)	437229.34	3710080.35	13.46366	(17123120)
437209.69	3710067.85	13.21022	(17123120)	437190.05	3710055.35	12.65901	(17123120)
437170.40	3710042.85	12.31072	(18021922)	437150.75	3710030.35	12.22329	(19123021)
437286.71	3710065.89	14.01762	(20082918)	437308.46	3710096.32	16.01753	(19021117)

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        437256.18   3710038.17       11.98111  (17123120)               437236.54
3710025.67       11.89424  (18021922)
        437216.89   3710013.17       11.44193  (18090307)               437197.24
3710000.67       10.95016  (18020318)
        437177.60   3709988.16       10.78994  (21011424)               437315.72
3710026.75       12.73993  (19021117)
        437358.13   3710166.40       19.13501  (19101917)               437283.03
3709995.99       10.74950  (17021020)
        437263.38   3709983.49       10.52565  (17020317)               437243.73
3709970.98       10.46488  (17022717)
        437224.09   3709958.48        9.99022  (18020318)               437204.44
3709945.98        9.74000  (18020318)
        437341.95   3709983.70       11.44540  (19021117)               437407.20
3710151.47       18.64624  (17040418)
        437400.97   3710193.77       22.80041  (20041418)               437309.87
3709953.81        9.92938  (21020117)
        437290.22   3709941.30        9.52416  (17021020)               437270.58
3709928.80        9.45299  (17022120)
        437250.93   3709916.30        9.09468  (19123021)               437231.29
3709903.80        8.85689  (18021921)
        437368.45   3709941.03       10.33218  (19021117)               437440.96
3710042.47       12.81647  (19101917)
        437336.71   3709911.62        9.09389  (17021020)               437317.07
3709899.12        8.74257  (17123120)
        437297.42   3709886.62        8.49100  (17021020)               437277.77
3709874.12        8.31391  (17020317)
        437258.13   3709861.61        8.16665  (18021921)               437396.26
3709900.20        9.40603  (19021117)
        437474.58   3710009.75       11.59793  (20082918)               437507.20
3710108.94       13.76827  (17101217)
        437497.39   3710175.55       17.75473  (17101217)               437363.56
3709869.44        8.39528  (17021020)
        437343.91   3709856.94        8.01043  (20013118)               437324.26
3709844.44        7.81500  (20013118)
        437304.62   3709831.93        7.74144  (20021019)               437284.97
3709819.43        7.47148  (18020318)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 609
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                 L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
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L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	8.53677	(19021117)	437498.88	3709964.02	10.40285	(20082918)
437559.16	3710074.36	12.52362	(17101217)	437533.74	3710247.07	16.95891	(18040818)
437390.40	3709827.26	7.75279	(18090307)	437370.75	3709814.75	7.42659	(20013118)
437351.11	3709802.25	7.31986	(17123120)	437331.46	3709789.75	7.17108	(17021020)
437311.82	3709777.25	6.91689	(17010316)	437450.28	3709816.30	7.79568	(19021117)
437463.67	3709835.03	8.13375	(17010316)	437530.61	3709928.66	9.19248	(20082918)
437594.17	3710154.89	13.83708	(17101217)	437580.77	3710245.99	14.38948	(19012817)
437436.89	3709797.58	7.45001	(19021117)	437417.24	3709785.07	7.21468	(17021020)
437397.60	3709772.57	7.06139	(17022120)	437377.95	3709760.07	6.80126	(20013118)
437358.31	3709747.57	6.65057	(20013118)	437338.66	3709735.07	6.49682	(17121417)
437476.79	3709773.65	7.11762	(19021117)	437502.89	3709810.17	7.27273	(18120916)
437529.00	3709846.68	7.62918	(20101117)	437555.11	3709883.20	8.33659	(20082918)
437656.26	3710051.47	10.11799	(21020617)	437444.09	3709742.89	6.71044	(17021020)
437424.44	3709730.39	6.44757	(18090307)	437404.80	3709717.89	6.35863	(20013118)
437385.15	3709705.38	6.24684	(20013118)	437365.50	3709692.88	6.10992	(18021922)
437503.38	3709731.11	6.51662	(19021117)	437528.97	3709766.91	6.60883	(19033118)
437580.16	3709838.51	7.58257	(20082918)	437605.75	3709874.31	8.38797	(18020117)
437631.35	3709910.11	8.56738	(20033118)	437656.94			

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3709945.91        8.82836  (17101217)
        437682.54   3709981.71        9.01546  (19040118)                437692.11
3710126.37        9.77512  (21040418)
        437679.29   3710213.44        9.33658  (21012518)                437470.93
3709700.71        6.20875  (18102017)
        437451.29   3709688.21        6.08444  (17022120)                437431.64
3709675.70        5.95372  (20013118)
        437411.99   3709663.20        5.87260  (20013118)                437392.35
3709650.70        5.72861  (20013118)
        437557.32   3709647.10        5.50925  (19021117)                437583.43
3709683.62        5.66780  (17040418)
        437635.64   3709756.65        6.26876  (20101117)                437661.74
3709793.17        6.90429  (18020117)
        437687.85   3709829.69        7.21459  (17040418)                437713.96
3709866.20        7.26285  (17101217)
        437740.06   3709902.72        7.55228  (18041718)                437766.17
3709939.24        7.41200  (21020617)
        437792.28   3709975.75        7.60296  (17101217)                437788.99
3710105.04        7.00349  (18020117)
        437782.45   3710149.45        7.30486  (19020617)                437775.92
3710193.86        7.84345  (18041718)
        437524.62   3709616.34        5.39740  (20020717)                437504.97
3709603.84        5.27601  (17022120)
        437485.33   3709591.34        5.23112  (20013118)                437465.68
3709578.84        5.10065  (18090307)
        437446.04   3709566.33        5.03593  (19101817)                437611.20
3709563.00        4.76027  (17021020)
        437624.44   3709581.52        4.73672  (19033118)                437637.68
3709600.05        4.80561  (19033118)
        437690.65   3709674.14        5.31970  (20101117)                437703.89
3709692.66        5.37463  (20101117)
        437717.13   3709711.18        5.73469  (18020117)                437730.38
3709729.71        6.33987  (18020117)
        437743.62   3709748.23        6.19636  (17040418)                437756.86
3709766.75        5.96898  (20041518)
        437770.10   3709785.28        6.03016  (20041518)                437783.35
3709803.80        6.38756  (17101217)
        437796.59   3709822.32        6.20505  (19122116)                437809.83
3709840.84        6.33822  (19040118)
        437823.07   3709859.37        6.26872  (19122116)                437836.32
3709877.89        6.44464  (21020617)
        437862.80   3709914.94        6.37224  (17101217)                437876.04
3709933.46        6.17463  (21040418)
        437889.29   3709951.98        6.06349  (21040418)                437899.21
3709993.03        5.87887  (19021722)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.64	3710105.67	6.05429	(19021722)	437879.32	3710128.20	6.16248	(21012507)
437876.00	3710150.72	5.94895	(19040118)	437872.69	3710173.25	5.87154	(21020617)
437869.37	3710195.78	5.96973	(20110822)	437856.11	3710285.89	6.90683	(19020617)
437852.80	3710308.41	7.20558	(21012517)	437849.48	3710330.94	7.56596	(21012517)
437842.85	3710375.99	7.43901	(19021722)	437839.53	3710398.52	7.27698	(19021722)
437836.22	3710421.05	7.06735	(19021722)	437832.90	3710443.58	7.47134	(20101417)
437829.59	3710466.10	7.87883	(21012519)	437597.95	3709544.48	4.63370	(18120916)
437578.31	3709531.97	4.71355	(17010316)	437558.66	3709519.47	4.62438	(17022120)
437539.01	3709506.97	4.59846	(18021418)	437519.37	3709494.47	4.54932	(18021418)
437499.72	3709481.97	4.47838	(18021418)	437665.03	3709478.84	4.20234	(17021020)
437678.42	3709497.56	4.15549	(17021020)	437691.80	3709516.29	4.15814	(19033118)
437745.36	3709591.20	4.56471	(20101117)	437758.74	3709609.92	4.60411	(20101117)
437772.13	3709628.65	4.81130	(18020117)	437785.52	3709647.38	5.31435	(18020117)

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        437798.91   3709666.10        5.38522  (17040418)              437812.30
3709684.83        5.15304  (17040418)
        437825.68   3709703.56        5.20643  (20041518)              437839.07
3709722.28        5.37841  (17101217)
        437852.46   3709741.01        5.40330  (20090918)              437865.85
3709759.74        5.43323  (19122116)
        437879.24   3709778.46        5.46795  (19122116)              437892.62
3709797.19        5.43848  (19122116)
        437906.01   3709815.92        5.63428  (21020617)              437959.56
3709890.82        5.34250  (21040418)
        437986.34   3709928.27       10.96633  (21120317)              437996.37
3709969.78       11.33525  (21010417)
        437979.62   3710083.65       12.95651  (19012103)              437976.26
3710106.42       14.05675  (21022218)
        437972.91   3710129.20       15.60453  (18041219)              437969.56
3710151.97       16.91589  (19012105)
        437966.21   3710174.75       17.86982  (19021722)              437962.86
3710197.52       17.99775  (19021722)
        437952.80   3710265.85       16.94282  (21012519)              437949.45
3710288.62        5.99797  (17042018)
        437946.10   3710311.40        5.98381  (17042018)              437942.74
3710334.17        5.90158  (17042018)
        437939.39   3710356.94        5.74840  (17042018)              437936.04
3710379.72        5.76367  (20101417)
        437932.69   3710402.49        5.79402  (18121016)              437929.34
3710425.27        5.92414  (20101417)
        437925.98   3710448.04        6.36577  (19123016)              437922.63
3710470.82        6.08409  (21012519)
        437919.28   3710493.59        5.87142  (19060218)              437915.93
3710516.37        5.96389  (19020517)
        437651.64   3709460.11        4.06693  (18021418)              437631.99
3709447.61        4.10842  (18021418)
        437612.35   3709435.11        4.12856  (18021418)              437592.70
3709422.60        4.12726  (18021418)
        437573.06   3709410.10        4.01281  (20090918)              437553.41
3709397.60        3.98779  (18102017)
        437718.83   3709394.63        3.70671  (17021020)              437732.33
3709413.52        3.65965  (17021020)
        437745.84   3709432.41        3.70459  (17120117)              437799.85
3709507.96        3.95599  (20101117)
        437813.35   3709526.85        3.98480  (20101117)              437826.86
3709545.74        4.07352  (18020117)
        437840.36   3709564.62        4.49809  (18020117)              437853.86
3709583.51        4.53181  (20041418)
        437867.37   3709602.40        4.46751  (20041518)              437880.87
3709621.29        4.54025  (20041518)
        437894.37   3709640.18        4.56666  (20041518)              437907.88
3709659.06        4.80356  (17101217)
        437921.38   3709677.95        4.76453  (19122116)              437934.88
3709696.84        4.81143  (19012717)
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                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438083.42   3709904.61   12.26870 (21121117)   438093.54
3709946.47   17.59877 (19120621)
        438090.16   3709969.44   18.89837 (21121617)   438076.64
3710061.32   21.07860 (21021119)
        438073.26   3710084.29   22.62101 (21031522)   438069.88
3710107.26   24.81513 (21012506)
        438066.50   3710130.24   26.25071 (17012020)   438063.12
3710153.21   27.16918 (21091820)
        438059.74   3710176.18   27.50300 (17091322)   438042.83
3710291.03   28.37287 (18122505)
        438039.45   3710314.00   25.07588 (18022419)   438036.07
3710336.97   17.15799 (19021720)
        438032.69   3710359.95   4.71179 (20101417)   438029.31
3710382.92   4.77612 (20101417)
        438025.93   3710405.89   4.79789 (20101417)   438022.55
3710428.86   5.16563 (19123016)
        438019.17   3710451.83   5.03506 (21012519)   438015.78

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3710474.80        4.75310  (21012519)
        438012.40   3710497.77        4.66419  (19060218)                438009.02
3710520.74        5.07026  (21021017)
        438005.64   3710543.71        5.78328  (19021719)                438002.26
3710566.68        5.10620  (19021719)
        437705.33   3709375.74        3.60460  (18021418)                437685.68
3709363.24        3.65531  (18021418)
        437666.04   3709350.74        3.69920  (18021418)                437646.39
3709338.24        3.67955  (21011417)
        437626.74   3709325.74        3.57338  (21011417)                437607.10
3709313.23        3.51497  (18102017)
        437772.20   3709309.82        3.26864  (17120117)                437785.39
3709328.26        3.24372  (17021020)
        437798.57   3709346.71        3.31678  (17120117)                437851.31
3709420.48        3.45203  (20101117)
        437864.50   3709438.92        3.54417  (21011417)                437877.68
3709457.36        3.48551  (20041518)
        437890.87   3709475.81        3.72931  (18020117)                437904.05
3709494.25        3.89186  (20033118)
        437917.24   3709512.69        4.03669  (20020717)                437930.42
3709531.14        3.96024  (18040818)
        437943.61   3709549.58        4.01175  (20041518)                437956.79
3709568.02        4.04522  (19122116)
        437969.98   3709586.46        4.16860  (19122116)                437983.16
3709604.91        4.23539  (19102017)
        437996.35   3709623.35        4.21766  (19012717)                438009.53
3709641.79        4.19668  (19040118)
        438154.57   3709844.66       10.05925  (21012505)                438167.75
3709863.11       10.41090  (21012520)
        438180.94   3709881.55       10.56739  (21121817)                438190.82
3709922.42       12.71702  (18120201)
        438171.02   3710057.00       18.82905  (17091322)                438167.71
3710079.43       20.44114  (17091322)
        438161.11   3710124.29       23.13712  (21091820)                438157.81
3710146.72       24.07044  (20032919)
        438154.51   3710169.15       25.06245  (18052520)                438138.00
3710281.29       26.38555  (19032719)
        438134.70   3710303.72       26.99493  (19050519)                438131.40
3710326.15       27.28218  (19050519)
        438124.80   3710371.01       24.34414  (21120817)                438121.50
3710393.44       20.70958  (18041622)
        438111.59   3710460.73        7.19022  (20110820)                438108.29
3710483.16        3.83854  (19060218)
        438101.69   3710528.02        3.74485  (21012507)                438098.39
3710550.45        3.55570  (19060218)
        438095.09   3710572.88        3.57600  (21070806)                438088.49
3710617.74        3.63843  (17111808)
        437759.02   3709291.38        3.25941  (19102017)                437739.37
3709278.88        3.26396  (18021418)
        437719.72   3709266.37        3.30260  (18021418)                437700.08
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3709253.87   3.25076 (17022120)
        437680.43   3709241.37   3.24991 (18120916)   437660.79
3709228.87   3.14865 (20090918)
        437826.00   3709225.61   3.01060 (17021020)   437839.29
3709244.21   2.96524 (17021020)
        437852.59   3709262.80   3.06713 (17120117)   437905.77
3709337.19   3.03630 (20101117)
        437919.06   3709355.78   3.23234 (19101917)   437932.36
3709374.38   3.20797 (21011417)
        437945.65   3709392.98   3.21874 (20041518)   437958.95
3709411.57   3.43032 (20033118)
        437972.24   3709430.17   3.49064 (20041418)   437985.54
3709448.77   3.50711 (20041518)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                    INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        438264.73   3709839.29       17.59021  (19021603)               438278.03
3709857.89       18.07580  (21120517)
        438287.99   3709899.10       19.55478  (18090405)               438284.66
3709921.72       19.91793  (21120217)
        438281.34   3709944.34       19.66440  (21062421)               438264.69
3710057.42       18.83059  (20032521)
        438261.36   3710080.04       18.81243  (21120217)               438258.04
3710102.65       19.50159  (19021619)
        438254.71   3710125.27       19.80558  (20032523)               438251.38
3710147.88       20.08211  (19012103)
        438234.73   3710260.97       23.62687  (18032719)               438231.41
3710283.58       24.34471  (18032719)
        438228.08   3710306.20       24.91301  (20051220)               438224.75
3710328.82       24.64331  (21081321)
        438221.42   3710351.43       23.92881  (20051220)               438218.09
3710374.05       23.66072  (19040519)
        438201.45   3710487.13       25.66881  (21020919)               438198.12
3710509.75       25.04220  (18031507)
        438194.79   3710532.37       24.34450  (21012006)               438191.46
3710554.98       23.92947  (18021618)
        438188.13   3710577.60       24.57506  (20051119)               438184.80
3710600.21       26.50461  (18031507)
        438181.48   3710622.83       27.53108  (17070720)               438178.15
3710645.45       27.68271  (21090924)
        437812.70   3709207.01        2.99074  (19102017)               437793.06
3709194.51        2.98562  (18021418)
        437773.41   3709182.01        3.02015  (18021418)               437753.77
3709169.51        2.93759  (17022120)
        437734.12   3709157.00        2.99890  (17022120)               437714.47
3709144.50        2.90250  (18120916)
        437879.78   3709141.37        2.73116  (17021020)               437893.17
3709160.10        2.70787  (17020419)
        437906.55   3709178.83        2.80600  (17120117)               437946.72
3709235.01        2.77657  (17120117)
        437960.11   3709253.73        2.74897  (17120117)               437973.49
3709272.46        2.82529  (19101917)
        437986.88   3709291.19        2.92343  (21011417)               438000.27
3709309.91        2.86925  (17012023)
        438013.66   3709328.64        3.03587  (18020117)               438027.05
3709347.36        3.05345  (20041518)
        438040.43   3709366.09        3.12103  (20041518)               438053.82
3709384.82        3.16587  (18040818)
        438067.21   3709403.54        3.23531  (19122116)               438080.60
3709422.27        3.35129  (19122116)
        438093.99   3709441.00        3.36308  (17101217)               438107.37
3709459.72        3.24534  (19102017)
        438134.15   3709497.18        3.32835  (18040418)               438214.48
3709609.54        7.88528  (18021207)
        438321.58   3709759.35       18.46904  (19121419)               438334.97
3709778.08       18.86178  (20021022)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438281.26   3710581.77       22.32666  (19040220)                438277.91
3710604.55       22.25470  (21021818)
        438274.55   3710627.32       21.67701  (17012021)                437866.39
3709122.65        2.74564  (19102017)
        437846.74   3709110.14        2.73320  (18021418)                437827.10
3709097.64        2.74124  (20082918)
        437807.45   3709085.14        2.72772  (20013118)                437787.81
3709072.64        2.72960  (17022120)
        437768.16   3709060.14        2.64940  (17123117)                437933.55
3709057.12        2.48954  (17123117)
        437947.01   3709075.96        2.49768  (17020419)                437960.48
3709094.79        2.52417  (20082918)
        438000.88   3709151.31        2.54084  (19012717)                438014.35
3709170.15        2.52276  (17120117)
        438027.82   3709188.98        2.56689  (17012023)                438041.29
3709207.82        2.68509  (21011417)
        438054.75   3709226.66        2.64158  (17012023)                438068.22
3709245.50        2.66933  (17012023)
        438081.69   3709264.34        2.72899  (20041518)                438095.16
3709283.17        2.80262  (20041518)
        438108.62   3709302.01        2.80297  (18040818)                438122.09
3709320.85        2.92757  (19122116)
        438135.56   3709339.69        3.04131  (19122116)                438149.03
3709358.53        2.93985  (17101217)
        438162.50   3709377.36        3.00337  (19102017)                438283.70
3709546.91        8.58610  (21021918)
        438310.64   3709584.58        9.41915  (20120417)                438418.38
3709735.29       12.29504  (21120417)
        438431.85   3709754.12       13.55729  (19022023)                438445.32
3709772.96       14.88100  (21021119)
        438458.78   3709791.80       15.90032  (20050219)                438472.25
3709810.64       16.70885  (21121617)
        438482.35   3709852.39       17.96284  (17110218)                438478.97
3709875.30       18.20001  (17030619)
        438475.60   3709898.21       18.01637  (21120119)                438472.23
3709921.12       17.49430  (18092519)
        438458.74   3710012.76       17.07623  (21020718)                438455.37
3710035.67       17.29786  (18041623)
        438452.00   3710058.58       17.63687  (21110919)                438448.63
3710081.49       17.91155  (20032520)
        438445.26   3710104.40       18.60539  (20121317)                438441.88
3710127.31       19.65477  (21060202)
        438425.02   3710241.86       20.50585  (19050519)                438421.65
3710264.77       20.83332  (18042222)
        438418.28   3710287.68       21.06870  (19052004)                438414.91
3710310.59       21.59156  (18041601)
        438411.54   3710333.50       21.54034  (17041419)                438408.16
3710356.41       21.56075  (21042420)
        438387.93   3710493.87       21.61962  (18120117)                438384.56
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3710516.78       21.81123  (21060920)
        438381.19   3710539.69       21.92664  (19051924)                438377.82
3710562.60       22.44873  (20051119)
        438374.45   3710585.51       23.14344  (18052002)                438371.07
3710608.42       23.33080  (18033019)
        437920.08   3709038.28        2.52657  (19102017)                437900.43
3709025.78        2.50213  (17123117)
        437880.79   3709013.28        2.50615  (17123117)                437861.14
3709000.77        2.50527  (17120117)
        437841.49   3708988.27        2.48961  (17123117)                437821.85
3708975.77        2.48682  (20033118)
        437987.30   3708972.85        2.29914  (17123117)                438000.84
3708991.78        2.29184  (17123117)
        438014.38   3709010.72        2.32465  (17020419)                438054.99
3709067.52        2.30970  (17020419)
        438068.52   3709086.46        2.33036  (17012023)                438082.06
3709105.39        2.37365  (17012023)
        438095.60   3709124.33        2.44281  (19101917)                438109.13
3709143.26        2.44186  (17012023)
        438122.67   3709162.19        2.46629  (17012023)                438136.21
3709181.13        2.48369  (17012023)
        438149.74   3709200.06        2.49337  (17012023)                438163.28
3709219.00        2.54984  (19122116)
        438176.82   3709237.93        2.63343  (20041518)                438190.35
3709256.87        2.72837  (18040818)
        438203.89   3709275.80        2.61572  (20041518)                438366.33
3709503.02       13.59289  (20090121)
        438379.87   3709521.95       13.28005  (17091224)                438393.40
3709540.89       13.67120  (17052620)
        438406.94   3709559.82       14.28895  (17052620)                438420.48
3709578.76       14.76282  (21021218)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 614
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438501.70	3709692.36	15.24185	(20011217)	438515.23	3709711.30	14.91013	(20021022)
438528.77	3709730.23	14.72071	(20050219)	438542.31	3709749.17	14.51722	(18120123)
438555.84	3709768.10	14.30565	(19022023)	438569.38	3709787.04	14.25653	(21062421)
438579.53	3709829.00	14.74631	(17030619)	438576.14	3709852.03	15.49324	(21051223)
438572.75	3709875.06	16.37199	(21051223)	438569.36	3709898.08	17.12099	(21091820)
438552.41	3710013.22	18.50777	(17022020)	438549.02	3710036.25	18.57995	(20090920)
438545.64	3710059.28	18.09493	(20090920)	438542.25	3710082.30	17.48563	(17041621)
438538.86	3710105.33	17.29743	(19072920)	438518.52	3710243.50	19.60055	(19052004)
438515.13	3710266.53	19.82423	(17041419)	438511.74	3710289.55	20.09937	(20051220)
438508.35	3710312.58	19.95227	(21072606)	438504.97	3710335.61	20.07353	(19070606)
438498.19	3710381.66	19.66772	(21060123)	438481.24	3710496.80	18.55371	(18071902)
438477.85	3710519.83	19.26194	(18051006)	438474.46	3710542.86	19.65874	(17092423)
438471.07	3710565.89	20.21844	(19040220)	437973.77	3708953.91	2.30166	(17123117)
437954.12	3708941.41	2.29569	(18021418)	437934.47	3708928.91	2.32078	(17123117)
437914.83	3708916.41	2.31947	(17123117)	437895.18	3708903.91	2.31103	(17123117)
437875.54	3708891.40	2.31119	(17022120)	438040.77	3708888.18	2.12920	(17123117)
438054.09	3708906.81	2.12096	(18011217)	438067.41	3708925.44	2.15782	(17020419)
438080.73	3708944.07	2.15921	(17020419)	438094.05	3708962.70	2.15480	(17020419)
438107.37	3708981.33	2.14411	(17020419)	438120.69	3708999.96	2.15778	(17012023)
438134.01	3709018.60	2.19582	(17012023)	438147.33	3709037.23	2.23118	(17012023)

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        438160.65   3709055.86        2.26314  (21011417)               438173.97
3709074.49        2.28404  (17012023)
        438187.29   3709093.12        2.23398  (20041518)               438200.61
3709111.75        2.33518  (18020117)
        438213.93   3709130.38        2.31483  (17012023)               438227.25
3709149.01        2.36643  (20041518)
        438240.57   3709167.64        2.37356  (18040818)               438253.89
3709186.27        2.46860  (18040818)
        438280.53   3709223.54        2.41998  (17101217)               438400.40
3709391.22       15.20659  (18090622)
        438413.72   3709409.85       15.58353  (17091304)               438427.04
3709428.48       15.65355  (17091304)
        438440.36   3709447.11       15.64616  (20102321)               438453.68
3709465.74       15.60104  (20102321)
        438467.00   3709484.37       15.59041  (20102422)               438480.32
3709503.00       15.59848  (17041420)
        438493.64   3709521.63       15.69342  (18090506)               438506.96
3709540.26       15.73865  (17040119)
        438573.56   3709633.42       15.91052  (19100819)               438600.20
3709670.68       15.96224  (21113017)
        438613.52   3709689.31       15.77714  (21092621)               438626.84
3709707.94       15.67018  (17021820)
        438640.16   3709726.57       15.69637  (17110418)               438653.48
3709745.21       15.66590  (21082419)
        438666.80   3709763.84       16.00396  (17110218)               438676.78
3709805.13       16.18769  (19093018)
        438673.45   3709827.78       16.28178  (20032521)               438670.11
3709850.44       15.82682  (21091820)
        438666.78   3709873.10       15.83592  (20032521)               438663.44
3709895.76       16.30243  (20032919)
        438646.77   3710009.05       17.54057  (17082403)               438643.43
3710031.71       17.54609  (17022020)
        438640.10   3710054.37       17.19065  (20032520)               438636.76
3710077.03       16.76336  (20032419)
        438633.43   3710099.69       16.28062  (21082720)               438616.75
3710212.98       18.34568  (21081321)
        438613.42   3710235.64       18.58315  (18041601)               438610.08
3710258.29       18.70797  (17032022)
        438606.75   3710280.95       18.35603  (17041419)               438603.41
3710303.61       18.11236  (17062002)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 615
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
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INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	18.09048	(17032022)	438590.07	3710394.25	18.76316	(17071123)
438576.73	3710484.88	17.23330	(18071902)	438573.40	3710507.54	17.02330	(20062006)
438570.06	3710530.20	16.58044	(18012004)	438566.73	3710552.85	16.75508	(18033019)
438027.45	3708869.55	2.12632	(17021020)	438007.81	3708857.05	2.11224	(18021418)
437988.16	3708844.54	2.14955	(18021418)	437968.52	3708832.04	2.15629	(17123117)
437948.87	3708819.54	2.12958	(19101817)	437929.22	3708807.04	2.14244	(17123117)
437106.84	3710028.10	13.20028	(20020421)	437074.68	3710047.98	14.72947	(17120717)
437056.82	3710062.36	15.51182	(18012901)	437038.96	3710076.75	29.34634	(17022121)
437080.24	3709987.33	12.53596	(17120717)	437138.10	3709977.84	11.24720	(20021019)
437043.32	3710009.03	15.24010	(18022521)	437025.46	3710023.42	31.75706	(18022519)
437007.60	3710037.81	39.12677	(18122018)	437046.97	3709949.12	12.14080	(18012901)
437081.27	3709935.94	11.17641	(17120717)	437133.34	3709927.41	10.26630	(20021019)
437168.89	3709936.69	9.93178	(17021304)	437011.96	3709970.09	31.75443	(17021018)
436994.10	3709984.48	39.21963	(17020502)	436976.23	3709998.87	46.66562	(18122018)
437017.52	3709909.44	21.38720	(18022519)	437055.62	3709894.80	10.59633	(21021802)
437093.73	3709880.16	9.68844	(19051904)	437132.54			

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3709878.00        9.36858  (18012901)
        437172.04   3709888.32        9.18399  (17020317)                436980.60
3709931.15       33.15046  (18121518)
        436962.73   3709945.54       41.97086  (20121619)                436944.87
3709959.93       46.80708  (17101619)
        436987.51   3709869.98       23.50313  (17121620)                437028.35
3709854.29       16.40322  (17022121)
        437069.18   3709838.60        9.54702  (17120717)                437131.17
3709828.45        8.63508  (18012901)
        437173.49   3709839.50        8.30672  (19123020)                437215.81
3709850.56        8.02539  (18020318)
        436949.24   3709892.21       30.10881  (21013120)                436931.37
3709906.60       37.93655  (18010119)
        436913.51   3709920.98       43.32026  (21013120)                436954.79
3709831.56       29.70141  (18010606)
        436992.90   3709816.92       32.93805  (18010218)                437031.01
3709802.28       31.21408  (17121117)
        437069.12   3709787.64       22.12362  (20021904)                437126.98
3709778.15        7.94109  (19123021)
        437166.48   3709788.47        7.79629  (19123020)                437205.97
3709798.79        7.28358  (18122821)
        437245.47   3709809.11        7.48130  (18021921)                436917.87
3709853.27       31.16862  (17121622)
        436900.01   3709867.66       33.03823  (17011720)                436882.15
3709882.04       39.26502  (19020719)
        436924.38   3709792.25       37.51381  (18013018)                436964.40
3709776.88       36.88628  (17122102)
        437004.41   3709761.51       36.11231  (17072906)                437044.42
3709746.13       35.26460  (21093020)
        437084.44   3709730.76       32.13026  (21121818)                437125.18
3709728.49       24.21797  (17022022)
        437166.66   3709739.32        7.37183  (19123020)                437208.13
3709750.16        6.84736  (17020317)
        437249.61   3709761.00        6.98937  (18021921)                436886.51
3709814.33       37.57947  (19020719)
        436868.65   3709828.72       38.53213  (20022420)                436850.78
3709843.10       39.56147  (20121322)
        436893.80   3709753.01       35.16905  (17022606)                436935.37
3709737.04       33.96831  (19120619)
        436976.95   3709721.07       32.06793  (18010522)                437018.52
3709705.10       32.65746  (20091720)
        437060.09   3709689.12       32.18572  (20050221)                437123.21
3709678.78       31.89429  (17091122)
        437166.30   3709690.04       19.98156  (18121619)                437209.39
3709701.29        6.41560  (18020318)
        437252.48   3709712.55        6.42533  (17020317)                437295.57
3709723.81        6.33091  (17121417)
        436855.15   3709775.39       34.56805  (17021206)                436837.29
3709789.77       34.32353  (21010522)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436819.42   3709804.16   33.82189 (20022420)   436861.44
3709714.46   31.96401 (17022606)
        436901.01   3709699.25   30.73879 (20042704)   436940.59
3709684.05   30.10774 (21051202)
        436980.16   3709668.84   29.13338 (21020204)   437019.74
3709653.64   28.77143 (19090402)
        437059.31   3709638.43   28.51350 (18050502)   437119.39
3709628.58   29.64953 (21122606)
        437160.41   3709639.30   28.42560 (21011318)   437201.43
3709650.02   15.22725 (19011819)
        437242.45   3709660.73   5.95511 (18021921)   437283.47
3709671.45   5.83010 (17020317)
        437324.49   3709682.17   5.85154 (19122705)   436823.79
3709736.45   31.69969 (21121119)
        436805.92   3709750.83   31.37929 (21120405)   436788.06
3709765.22   31.03208 (20021320)
        436830.70   3709675.27   29.38470 (21122101)   436871.53
3709659.59   28.43516 (19090301)
        436912.37   3709643.90   27.79360 (20020720)   436953.20
3709628.21   27.57090 (18013018)
        436994.03   3709612.52   27.60466 (21020420)   437034.86
3709596.84   26.61611 (19092404)

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        437075.69   3709581.15       26.79544  (21123107)               437117.26
3709578.83       27.56907  (20090421)
        437159.59   3709589.89       28.75410  (17031401)               437201.91
3709600.95       21.28106  (19010919)
        437244.23   3709612.00        5.61154  (18110708)               437286.55
3709623.06        5.36955  (17020317)
        437328.87   3709634.11        5.31435  (19123021)               436792.42
3709697.51       29.87560  (21120405)
        436774.56   3709711.89       29.35141  (20021420)               436756.70
3709726.28       29.21217  (21013020)
        436767.74   3709597.48       26.87536  (20021520)               436808.09
3709581.98       26.72734  (20092906)
        436848.44   3709566.48       26.87412  (19110418)               436888.79
3709550.97       27.19946  (18013018)
        436929.14   3709535.47       26.60104  (18030420)               436969.49
3709519.97       25.71781  (20122924)
        437009.84   3709504.47       24.85962  (18110118)               437050.19
3709488.96       24.12260  (17072906)
        437111.45   3709478.92       25.31604  (20092220)               437153.28
3709489.85       26.26847  (20012318)
        437195.10   3709500.77       24.14951  (18011719)               437236.92
3709511.70        5.02529  (18020318)
        437278.74   3709522.63        4.76801  (18010217)               437320.57
3709533.55        4.57381  (17121417)
        437362.39   3709544.48        4.66876  (19122705)               437404.21
3709555.41        4.95679  (17121417)
        436729.70   3709619.62       26.71281  (18110120)               436711.84
3709634.01       26.41425  (17011606)
        436693.97   3709648.40       26.13046  (21120124)               436705.90
3709519.26       24.66318  (18010619)
        436726.96   3709511.17       24.96150  (21022619)               436748.02
3709503.08       24.97276  (21112202)
        436769.08   3709494.99       24.74254  (19020719)               436790.14
3709486.90       24.84570  (20100222)
        436811.20   3709478.80       24.78313  (21013120)               436832.26
3709470.71       24.91564  (17031303)
        436853.32   3709462.62       25.01689  (17110322)               436874.38
3709454.53       24.99438  (17012108)
        436895.44   3709446.44       24.63864  (17102518)               436916.50
3709438.35       24.43696  (18030420)
        436937.56   3709430.25       23.96979  (18092704)               436958.62
3709422.16       23.63714  (18080904)
        436979.68   3709414.07       23.39260  (18121518)               437000.74
3709405.98       23.01497  (18091721)
        437021.80   3709397.89       22.42999  (19012818)               437042.86
3709389.80       21.78211  (17122318)
        437063.92   3709381.70       21.52964  (17122318)               437106.81
3709379.32       23.05206  (19121918)
        437128.64   3709385.02       24.06744  (18022706)               437150.47
3709390.72       24.18869  (20021519)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	4.32649	(19122705)	437412.41	3709459.16	4.32836	(19122705)
437434.24	3709464.86	4.30661	(19122705)	437456.07	3709470.56	4.35552	(18102017)
437477.89	3709476.26	4.46517	(18102017)	436684.84	3709527.35	24.26504	(21042606)
436666.98	3709541.74	24.19848	(21041805)	436649.11	3709556.13	24.18300	(18011621)
436631.25	3709570.51	24.37751	(17122818)	436642.90	3709441.49	22.47798	(21020620)
436684.47	3709425.51	22.77764	(17111705)	436726.05	3709409.54	22.77079	(17121318)
436767.62	3709393.57	22.54028	(20100222)	436809.19			

3709377.59 22.43118 (19110418)
436850.77 3709361.62 22.47511 (20121919) 436892.34
3709345.65 22.11931 (19012519)
436933.91 3709329.67 21.69634 (17022124) 436975.49
3709313.70 21.17333 (18010522)
437017.06 3709297.73 20.06066 (21093020) 437058.63
3709281.75 19.86237 (18091322)
437100.97 3709279.40 19.46297 (18070724) 437144.06
3709290.65 21.36879 (20101121)
437187.15 3709301.91 21.78172 (17031401) 437230.24
3709313.17 13.45062 (19021703)
437273.33 3709324.43 3.90747 (17123120) 437316.42
3709335.68 3.82258 (18010217)
437359.51 3709346.94 3.79506 (17022120) 437402.60
3709358.20 3.88190 (19122705)
437445.69 3709369.46 3.88938 (19122705) 437488.78
3709380.71 3.90290 (18120916)
436604.25 3709463.86 22.60474 (21030324) 436586.39
3709478.24 22.65405 (21112821)
436568.52 3709492.63 22.98819 (18121519) 436579.97
3709363.68 20.61044 (17122319)
436621.13 3709347.87 20.57689 (21010507) 436662.28
3709332.06 20.85949 (17012003)
436703.44 3709316.24 20.75323 (21112202) 436744.60
3709300.43 20.49615 (20100222)
436785.76 3709284.62 20.35650 (19012821) 436826.91
3709268.80 20.36447 (17051203)
436868.07 3709252.99 20.06645 (17102518) 436909.23
3709237.18 19.43598 (19082502)
436950.39 3709221.36 19.34357 (18101323) 436991.54
3709205.55 21.72209 (19090402)
437032.70 3709189.74 20.99995 (19090402) 437095.19
3709179.50 20.27431 (18022706)
437137.85 3709190.64 20.81247 (20123006) 437180.51
3709201.79 20.39899 (21122606)
437223.17 3709212.93 16.23394 (17022022) 437265.83
3709224.08 3.54669 (18010217)
437308.48 3709235.22 3.54490 (18010217) 437351.14
3709246.36 3.39381 (21121721)
437393.80 3709257.51 3.47952 (17121417) 437436.46
3709268.65 3.52418 (19122705)
437479.12 3709279.80 3.47484 (20021019) 437521.78
3709290.94 3.47742 (18021922)
437564.44 3709302.09 3.52800 (18102017) 436541.53
3709385.98 20.64220 (21112821)
436523.66 3709400.36 20.84486 (19110218) 436505.80
3709414.75 20.79403 (17111624)
436517.84 3709285.57 18.84393 (17031205) 436539.01
3709277.44 18.92989 (21120608)
436560.18 3709269.30 18.85150 (21020620) 436581.35

3709261.17   18.66960 (21020620)
        436602.52   3709253.03   18.69137 (18010807)   436623.70
3709244.90   18.82379 (18011620)
        436644.87   3709236.77   18.91158 (21022619)   436666.04
3709228.63   18.83331 (20021520)
        436687.21   3709220.50   18.81664 (21022619)   436708.38
3709212.36   18.63860 (18101619)
        436729.55   3709204.23   18.56059 (20091806)   436750.73
3709196.09   18.56087 (20100222)
        436771.90   3709187.96   18.56232 (17101619)   436793.07
3709179.83   18.54107 (17021222)
        436814.24   3709171.69   18.59475 (17102518)   436835.41
3709163.56   18.50922 (21090421)
        436856.58   3709155.42   18.22793 (17102518)   436877.75
3709147.29   18.29555 (21112203)
        436898.93   3709139.15   18.06048 (19082502)   436920.10
3709131.02   17.81962 (18111818)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436941.27   3709122.88   17.45367 (21102719)   436962.44
3709114.75   17.85695 (21112718)
        436983.61   3709106.62   19.23438 (17091003)   437004.78
3709098.48   20.22462 (21112718)

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        437025.96   3709090.35       19.92378  (19092404)                437047.13
3709082.21       19.45879  (19030407)
        437090.24   3709079.81       16.63098  (20012501)                437112.19
3709085.54       14.82661  (17020821)
        437134.13   3709091.28       13.15712  (19120707)                437156.07
3709097.01       11.79691  (17020821)
        437178.02   3709102.74       10.51515  (19122017)                437199.96
3709108.48        9.35356  (20010518)
        437221.91   3709114.21        7.61087  (20010518)                437243.85
3709119.94        3.89875  (18122823)
        437265.79   3709125.67        3.22084  (18010217)                437287.74
3709131.41        3.23225  (18021921)
        437309.68   3709137.14        3.25038  (18010217)                437331.63
3709142.87        3.20059  (17022717)
        437353.57   3709148.61        3.09224  (21121721)                437375.51
3709154.34        3.06651  (21121721)
        437397.46   3709160.07        3.06450  (19122705)                437419.40
3709165.81        3.13224  (17121417)
        437441.35   3709171.54        3.17119  (19122705)                437463.29
3709177.27        3.19242  (18020318)
        437485.23   3709183.00        3.20174  (17021020)                437507.18
3709188.74        3.13871  (20021019)
        437529.12   3709194.47        3.15619  (18021418)                437551.07
3709200.20        3.15511  (18021922)
        437573.01   3709205.94        3.16118  (18120916)                437594.95
3709211.67        3.18720  (19101817)
        437616.90   3709217.40        3.16015  (18102017)                437638.84
3709223.14        3.13886  (17010316)
        436496.67   3709293.71       18.78656  (21120124)                436478.80
3709308.09       19.09700  (21123024)
        436460.94   3709322.48       19.03742  (17111624)                436443.08
3709336.87       18.99819  (18090706)
        436454.90   3709207.77       17.32388  (21112821)                436496.82
3709191.67       17.24431  (19122301)
        436517.78   3709183.61       17.12347  (21020620)                436559.70
3709167.51       17.06448  (21042606)
        436601.62   3709151.40       17.24244  (17111623)                436622.58
3709143.35       17.34853  (18121620)
        436664.50   3709127.24       17.20204  (21121720)                436706.42
3709111.13       17.06580  (17051204)
        436727.38   3709103.08       17.02345  (17022606)                436769.30
3709086.98       16.82059  (18010606)
        436811.22   3709070.87       16.99856  (18013018)                436853.14
3709054.76       16.54107  (20111904)
        436895.06   3709038.66       16.32902  (18010420)                436916.02
3709030.60       16.58322  (18040406)
        436957.94   3709014.50       17.01247  (20091720)                436999.86
3708998.39       16.55676  (19090402)
        437020.82   3708990.34       16.22222  (17073103)                437084.46
3708979.91       16.86244  (18050502)
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        437127.91   3708991.26       18.15618  (20012501)               437171.36
3709002.61       14.35083  (17122918)
        437214.81   3709013.96        5.67982  (18121317)               437258.26
3709025.31        2.96794  (17120817)
        437301.71   3709036.66        2.93299  (21011424)               437345.16
3709048.02        2.88656  (17022717)
        437388.61   3709059.37        2.87555  (21121721)               437432.05
3709070.72        2.89038  (17121417)
        437475.50   3709082.07        2.87710  (19122705)               437518.95
3709093.42        2.83176  (20021019)
        437562.40   3709104.77        2.83073  (19122705)               437605.85
3709116.12        2.84377  (18120916)
        437649.30   3709127.48        2.83758  (18102017)               436416.08
3709230.21       17.47174  (18090706)
        436398.22   3709244.60       17.43916  (18090706)               436380.35
3709258.98       17.48040  (20090520)
        436392.00   3709129.96       15.91915  (21100302)               436433.58
3709113.98       16.00235  (17122818)
        436475.15   3709098.01       15.88674  (17040603)               436516.72
3709082.04       15.87845  (21041805)
        436558.30   3709066.06       15.98933  (21010507)               436599.87
3709050.09       15.94124  (20121819)
        436641.44   3709034.12       15.88319  (21020121)               436683.02
3709018.14       15.80741  (21020121)
        436724.59   3709002.17       15.71544  (20092903)               436766.16
3708986.20       15.63676  (17110322)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 619
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                 INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                 L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                 L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                 L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	15.59311	(17102518)	436849.31	3708954.25	15.33849	(17122102)
436890.88	3708938.28	15.15608	(18030420)	436932.46	3708922.31	15.09523	(20092803)
436974.03	3708906.33	15.17961	(21020202)	437015.60	3708890.36	14.76866	(19090402)
437078.72	3708880.02	15.91628	(18050502)	437121.81	3708891.27	17.11032	(21020221)
437164.90	3708902.53	14.93190	(20122403)	437207.99	3708913.79	9.02049	(18121619)
437251.08	3708925.05	2.75985	(19123020)	437294.17	3708936.30	2.72489	(18010217)
437337.26	3708947.56	2.72809	(17123120)	437380.35	3708958.82	2.61772	(21121721)
437423.44	3708970.08	2.63191	(21121721)	437466.53	3708981.33	2.66281	(17121417)
437509.62	3708992.59	2.66719	(18020318)	437552.71	3709003.85	2.60372	(18021921)
437595.80	3709015.11	2.61339	(18021418)	437638.89	3709026.36	2.58862	(19122705)
437681.98	3709037.62	2.60697	(17123120)	437725.07	3709048.88	2.59716	(17123117)
436353.35	3709152.33	15.98269	(20120521)	436335.49	3709166.72	16.05569	(21021723)
436317.63	3709181.10	16.23580	(20091822)	436329.73	3709051.90	14.95198	(17020220)
436350.96	3709043.74	14.97458	(20090520)	436372.19	3709035.59	14.88567	(17022123)
436393.42	3709027.43	14.98965	(20123002)	436414.65	3709019.27	14.92078	(21122203)
436435.89	3709011.11	14.85394	(17040603)	436457.12	3709002.96	14.82562	(18011621)
436478.35	3708994.80	15.06037	(18121020)	436499.58	3708986.64	14.88182	(21013020)
436520.81	3708978.48	14.97995	(20021320)	436542.05	3708970.33	14.98314	(18121620)
436563.28	3708962.17	14.98452	(21020103)	436584.51	3708954.01	15.02672	(21120405)
436605.74	3708945.85	14.95935	(21121720)	436626.97	3708937.70	14.89173	(20091806)
436648.21	3708929.54	14.76276	(21111220)	436669.44	3708921.38	14.86146	(17090404)
436690.67	3708913.22	14.81156	(19110519)	436711.90	3708905.06	14.69365	(19110418)
436733.13	3708896.91	14.58346	(17051203)	436754.37			

3708888.75   14.66545 (17051203)
        436775.60   3708880.59   14.61843 (17101619)   436796.83
3708872.43   14.52737 (17102518)
        436818.06   3708864.28   14.47183 (17122102)   436839.29
3708856.12   14.32102 (17122102)
        436860.53   3708847.96   14.28806 (17071403)   436881.76
3708839.80   14.17441 (18030420)
        436902.99   3708831.65   14.11185 (18080904)   436924.22
3708823.49   14.20316 (20092803)
        436945.45   3708815.33   14.36196 (18010218)   436966.69
3708807.17   14.31031 (21020202)
        436987.92   3708799.01   14.23110 (18091721)   437009.15
3708790.86   13.84775 (18091322)
        437030.38   3708782.70   13.95743 (21020221)   437073.62
3708780.29   15.16396 (21123107)
        437095.63   3708786.04   15.86774 (20122403)   437117.64
3708791.79   16.14316 (19041820)
        437139.64   3708797.54   15.91727 (17020422)   437161.65
3708803.29   14.72837 (20010218)
        437183.66   3708809.04   12.50704 (18120819)   437205.66
3708814.79   9.26674 (17022021)
        437227.67   3708820.54   5.26551 (18020419)   437249.68
3708826.29   2.58537 (19051904)
        437271.68   3708832.04   2.53091 (18021922)   437293.69
3708837.78   2.52027 (17120817)
        437315.70   3708843.53   2.49635 (17120817)   437337.70
3708849.28   2.47710 (17123120)
        437359.71   3708855.03   2.46856 (17022717)   437381.72
3708860.78   2.40018 (21121721)
        437403.72   3708866.53   2.42089 (21121721)   437425.73
3708872.28   2.42327 (21121721)
        437447.74   3708878.03   2.42033 (21121721)   437469.74
3708883.78   2.41689 (21121721)
        437491.75   3708889.53   2.44431 (19122705)   437513.75
3708895.28   2.45832 (19122705)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                    INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001

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, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437535.76   3708901.03        2.44139  (18020318)               437557.77
3708906.78        2.43403  (20013118)
        437579.77   3708912.53        2.39733  (18021921)               437601.78
3708918.28        2.36085  (18021418)
        437623.79   3708924.03        2.40694  (18021418)               437645.79
3708929.78        2.39529  (19122705)
        437667.80   3708935.52        2.39179  (19122705)               437689.81
3708941.27        2.37101  (18120916)
        437711.81   3708947.02        2.40435  (18120916)               437733.82
3708952.77        2.37571  (21011417)
        437755.83   3708958.52        2.39677  (17123117)               437777.83
3708964.27        2.39438  (18120916)
        437799.84   3708970.02        2.45368  (17123117)               436308.49
3709060.06       14.84406  (21092202)
        436290.63   3709074.45       14.95972  (20041421)               436272.77
3709088.83       14.95499  (20091822)
        436254.90   3709103.22       15.12755  (21092205)               436266.83
3708974.09       14.06853  (20110518)
        436287.89   3708965.99       14.15522  (21123024)               436308.95
3708957.90       14.13299  (17020220)
        436330.01   3708949.81       13.99598  (17022123)               436351.07
3708941.72       14.10072  (17122620)
        436372.13   3708933.63       14.14546  (21120124)               436393.19
3708925.54       13.93287  (20113019)
        436414.25   3708917.44       14.02550  (17011606)               436435.31
3708909.35       14.16827  (21020421)
        436456.37   3708901.26       14.21536  (21010507)               436477.43
3708893.17       14.20335  (21020421)
        436498.49   3708885.08       14.22608  (21020103)               436519.55
3708876.99       14.18239  (21120405)
        436540.61   3708868.90       14.18229  (21121119)               436561.67
3708860.80       14.23740  (20121819)
        436582.73   3708852.71       14.10090  (21121119)               436603.79
3708844.62       14.06477  (20021520)
        436624.85   3708836.53       13.99628  (20091806)               436645.91
3708828.44       13.97976  (20092906)
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        436666.97   3708820.35       13.92640  (21091003)                436688.03
3708812.25       13.83280  (19110418)
        436709.09   3708804.16       13.74135  (18010521)                436730.15
3708796.07       13.72382  (18091024)
        436751.21   3708787.98       13.73678  (20121919)                436772.27
3708779.89       13.70756  (20091619)
        436793.33   3708771.80       13.62548  (20020720)                436814.39
3708763.70       13.53346  (17122102)
        436835.45   3708755.61       13.44307  (18083020)                436856.51
3708747.52       13.38711  (17071403)
        436877.57   3708739.43       13.27945  (21122222)                436898.63
3708731.34       13.33363  (18080904)
        436919.69   3708723.25       13.39328  (18010522)                436940.75
3708715.15       13.48341  (18010522)
        436961.81   3708707.06       13.39316  (18091721)                436982.87
3708698.97       13.14741  (19012818)
        437003.93   3708690.88       13.05646  (19090402)                437024.99
3708682.79       13.31623  (18091322)
        437067.88   3708680.40       14.44237  (21123107)                437089.71
3708686.10       14.97383  (19011101)
        437111.54   3708691.80       15.24953  (20012501)                437133.37
3708697.51       15.15505  (20012501)
        437155.20   3708703.21       14.04517  (20123006)                437177.02
3708708.91       12.15398  (17122918)
        437220.68   3708720.32        7.01190  (21020222)                437242.51
3708726.02        3.40280  (17020424)
        437264.34   3708731.72        2.36661  (19122305)                437286.17
3708737.43        2.35554  (17120817)
        437308.00   3708743.13        2.34048  (17120817)                437351.65
3708754.54        2.29545  (17123120)
        437373.48   3708760.24        2.26143  (17022717)                437395.31
3708765.94        2.22223  (21121721)
        437417.14   3708771.64        2.24404  (21121721)                437438.97
3708777.35        2.25905  (21121721)
        437460.79   3708783.05        2.26503  (21121721)                437482.62
3708788.75        2.25012  (19122705)
        437504.45   3708794.46        2.25525  (17121417)                437526.28
3708800.16        2.26937  (19122705)
        437569.94   3708811.56        2.24010  (18020318)                437591.77
3708817.27        2.25253  (20021019)
        437613.59   3708822.97        2.20532  (18021921)                437635.42
3708828.67        2.19583  (18021418)
        437657.25   3708834.38        2.25418  (18021922)                437679.08
3708840.08        2.24417  (18090307)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.23205	(19122705)	437722.74	3708851.48	2.19530	(19122705)
437744.56	3708857.19	2.19446	(18120916)	437766.39	3708862.89	2.19282	(21011417)
437810.05	3708874.30	2.19198	(18120916)	437831.88	3708880.00	2.21680	(17120117)
437853.71	3708885.70	2.28803	(17123117)	436245.77	3708982.18	14.03549	(17012107)
436227.91	3708996.56	14.04322	(17012519)	436210.04	3709010.95	14.14931	(21021723)
436192.18	3709025.34	14.22029	(19101520)	436203.96	3708896.26	13.39564	(20041421)
436245.78	3708880.19	13.59538	(21121121)	436287.61	3708864.12	13.51142	(21111419)
436329.44	3708848.05	13.55707	(18121919)	436371.26	3708831.98	13.45549	(19021705)
436413.09	3708815.91	13.57660	(21010118)	436454.92	3708799.84	13.47206	(18010523)
436496.75	3708783.77	13.45161	(21013020)	436538.57	3708767.70	13.46259	(21121720)
436580.40	3708751.63	13.37173	(20022420)	436622.23	3708735.56	13.17406	(20092906)
436664.05	3708719.49	13.04070	(19110418)	436705.88	3708703.41	12.94794	(18091024)
436747.71	3708687.34	12.98176	(18013018)	436789.53	3708671.27	12.69880	(20012319)
436831.36	3708655.20	12.67136	(19082502)	436873.19			

3708639.13 12.55853 (18111818)
436915.01 3708623.06 12.62918 (18010522) 436956.84
3708606.99 12.61901 (21020202)
436998.67 3708590.92 12.29246 (17122318) 437062.17
3708580.51 13.29146 (20050221)
437105.52 3708591.84 14.09280 (19041820) 437148.87
3708603.17 14.27633 (17020422)
437192.23 3708614.49 11.78525 (17022022) 437235.58
3708625.82 6.90655 (21020222)
437278.93 3708637.15 2.20271 (17120817) 437322.29
3708648.47 2.18038 (18010217)
437365.64 3708659.80 2.12096 (17123120) 437408.99
3708671.12 2.04437 (21121721)
437452.34 3708682.45 2.07584 (21121721) 437495.70
3708693.78 2.06686 (19122705)
437539.05 3708705.10 2.10413 (19122705) 437582.40
3708716.43 2.10523 (18020318)
437625.75 3708727.75 2.10330 (18021921) 437669.11
3708739.08 2.10189 (18021418)
437712.46 3708750.41 2.08940 (18090307) 437755.81
3708761.73 2.04157 (19122705)
437799.17 3708773.06 2.03090 (17123117) 437842.52
3708784.39 2.03097 (17121417)
437885.87 3708795.71 2.08397 (17120117) 436165.18
3708918.68 13.36920 (20091520)
436147.32 3708933.07 13.38947 (21092205) 436129.45
3708947.46 13.38396 (19011103)
437017.12 3710105.60 43.37854 (17021023) 436994.30
3710140.34 56.37052 (17020905)
436986.74 3710060.78 48.07993 (20122924) 436963.92
3710095.51 57.02259 (17021420)
436955.38 3710021.84 51.49311 (20120618) 436933.55
3710050.69 52.62340 (20100222)
436910.73 3710085.43 52.24084 (21120405) 436917.07
3709990.56 46.75220 (19071206)
436891.76 3710023.24 44.94001 (21120405) 436868.94
3710057.97 45.50612 (17011606)
436874.41 3709964.06 42.19301 (21120405) 436849.97
3709995.78 41.29578 (18011620)
436827.15 3710030.52 42.96466 (19122301) 436832.10
3709937.18 38.83386 (21013020)
436857.13 3709909.61 42.07162 (21121119) 436808.18
3709968.33 38.97544 (20121319)
436785.36 3710003.06 40.54811 (20100119) 436789.97
3709910.11 36.54875 (20121319)
436814.29 3709883.30 38.09088 (21020620) 436766.39
3709940.87 36.71648 (21122203)
436743.57 3709975.61 38.04808 (17012107) 436749.92
3709880.74 33.99967 (21120608)
436777.72 3709850.11 33.84507 (19021705) 436724.61

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436734.44	3709824.29	32.22642	(17122319)	436761.25	3709794.76	31.62926	(19021705)
436682.82	3709885.96	32.92306	(21021723)	436660.00	3709920.70	34.93077	(18022523)
436665.47	3709826.78	30.76797	(20110518)	436691.54	3709798.07	30.63130	(20090520)
436717.60	3709769.35	30.20264	(17022123)	436641.03	3709858.51	31.80984	(20012122)
436618.21	3709893.24	33.21004	(21111407)	436582.77	3709770.92	28.73681	(17020823)
436610.57	3709740.29	27.41520	(20090520)	436638.37	3709709.66	27.21207	(17122818)
436666.17	3709679.03	26.70963	(21122203)	436557.46	3709803.60	28.91651	(20122523)
436534.64	3709838.33	29.71853	(20120421)	436498.56	3709716.70	25.56981	(18022523)
436525.10	3709687.46	25.84534	(21021823)	436551.63	3709658.23	25.31348	(21011503)

436578.17 3709628.99 25.05582 (21011503) 436604.71
3709599.75 25.06276 (17122620)
436473.88 3709748.69 25.94512 (19040720) 436451.06
3709783.42 26.65214 (20091824)
436415.61 3709661.10 23.27412 (19040720) 436443.42
3709630.47 23.07178 (19121519)
436471.22 3709599.84 23.51817 (21021823) 436499.02
3709569.21 23.48406 (19101520)
436526.82 3709538.58 23.30450 (20041421) 436390.30
3709693.78 23.44449 (21011606)
436367.48 3709728.51 23.84419 (21012920) 436331.54
3709606.73 21.35615 (20091824)
436358.35 3709577.20 21.30656 (19040720) 436385.16
3709547.66 21.23554 (19121519)
436411.97 3709518.13 21.53266 (20112504) 436438.78
3709488.59 21.64359 (20091822)
436465.59 3709459.05 21.35782 (20120521) 436306.73
3709638.87 21.63436 (21012920)
436283.91 3709673.60 21.84531 (20091722) 436248.46
3709551.28 19.77724 (21020503)
436276.26 3709520.65 19.65330 (21010806) 436304.07
3709490.02 19.47822 (21011601)
436331.87 3709459.39 19.36142 (19121519) 436359.67
3709428.76 19.65372 (20112504)
436387.47 3709398.13 19.63416 (18010220) 436415.27
3709367.50 19.32718 (20091822)
436223.15 3709583.96 19.89271 (18120919) 436200.33
3709618.69 20.12235 (20020922)
436164.48 3709496.82 18.21670 (21011207) 436191.46
3709467.09 18.20366 (21020503)
436218.45 3709437.36 18.07398 (21010806) 436245.43
3709407.63 17.95904 (17012805)
436272.41 3709377.90 17.69518 (19011821) 436299.40
3709348.17 17.85313 (17020904)
436326.38 3709318.44 17.93024 (20012122) 436353.37
3709288.71 17.76932 (21011503)
436139.58 3709529.05 18.50491 (20120523) 436116.76
3709563.78 18.55655 (20122503)
436081.31 3709441.46 16.96435 (20010420) 436109.11
3709410.83 16.77407 (18122404)
436136.92 3709380.20 16.80441 (21020503) 436164.72
3709349.57 16.69381 (21012723)
436192.52 3709318.94 16.54336 (21011202) 436220.32
3709288.31 16.40347 (19121722)
436248.12 3709257.68 16.49240 (21111407) 436275.92
3709227.05 16.57843 (21021823)
436056.00 3709474.14 16.96024 (20121703) 436033.18
3709508.87 16.81271 (20122023)
435997.39 3709386.93 15.75604 (21011707) 436024.49
3709357.07 15.84199 (20013120)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

3709277.06 13.75523 (18021606)
435857.48 3709247.10 13.86765 (20121703) 435884.68
3709217.13 13.96608 (20120523)
435911.87 3709187.17 13.63265 (21011207) 435939.07
3709157.20 13.61881 (21011008)
435966.27 3709127.24 13.53319 (21122608) 435993.47
3709097.28 13.48947 (21012723)
436020.66 3709067.31 13.41660 (17012805) 436047.86
3709037.35 13.21294 (20120520)
436075.06 3709007.38 13.19552 (18022523) 436102.26
3708977.42 13.35240 (21011221)
435805.27 3709309.41 13.72930 (21101407) 435782.45
3709344.14 13.91674 (21011023)
436986.12 3710169.40 63.50199 (18010119) 436986.86
3710192.47 66.98715 (18122018)
436987.61 3710215.54 69.84487 (21122019) 436941.60
3710151.64 62.54589 (21020121)
436936.89 3710194.09 65.85216 (21020103) 436937.63
3710217.16 68.92176 (20022420)
436892.31 3710150.83 53.43792 (19122301) 436898.45
3710129.03 52.04335 (21020519)
436904.59 3710107.23 51.66420 (21010507) 436886.17
3710172.63 54.88005 (21020620)
436886.91 3710195.70 57.12272 (17122818) 436887.66
3710218.77 59.14500 (20121319)
436841.65 3710154.87 52.71383 (21010405) 436852.57
3710116.11 49.47621 (20123002)
436836.94 3710197.32 56.00090 (21092205) 436837.68
3710220.39 57.80372 (19101520)
436792.07 3710155.10 51.17695 (17020823) 436803.76
3710113.57 48.22763 (20100119)
436815.46 3710072.04 45.62463 (20100119) 436786.97
3710198.93 52.98018 (20120520)
436787.71 3710222.00 54.88515 (19121722) 436742.39
3710155.67 48.62610 (19121722)
436748.53 3710133.87 47.44457 (19121519) 436754.66
3710112.07 46.77028 (18020219)
436760.80 3710090.27 45.91194 (21021823) 436766.94
3710068.47 44.59004 (17012107)
436773.08 3710046.66 43.01251 (21121121) 436779.22
3710024.86 41.99952 (21010405)
436736.25 3710177.47 49.51881 (18011718) 436736.99
3710200.54 51.02248 (21010607)
436737.74 3710223.61 52.53494 (18010423) 436692.00
3710158.74 47.09221 (18010423)
436703.46 3710118.04 45.35900 (17012805) 436714.92
3710077.35 43.52843 (19121519)
436726.38 3710036.65 42.11854 (18022523) 436687.02
3710202.16 48.71717 (20010420)
436687.76 3710225.23 49.88494 (19111203) 436642.25

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        436542.20   3710163.16       40.19690  (18013102)               436553.89
3710121.64       39.50011  (20121606)
        436565.59   3710080.11       38.42775  (20120904)               436577.28
3710038.58       37.30879  (20091722)
        436588.98   3709997.06       36.20821  (21010607)               436600.67
3709955.53       35.26414  (21010701)
        436537.10   3710207.00       41.39138  (17101622)               436537.84
3710230.07       42.26216  (20022804)
        436442.54   3710165.35       36.49302  (18012420)               436448.68
3710143.55       36.05793  (17120205)
        436454.82   3710121.75       35.58916  (20120701)               436460.96
3710099.95       35.15343  (17122621)
        436467.10   3710078.15       34.68434  (20021401)               436473.24
3710056.35       34.30348  (21011023)
        436479.38   3710034.55       33.85216  (20121606)               436485.52
3710012.74       33.30302  (21121102)
        436491.66   3709990.94       33.11881  (20121703)               436497.80
3709969.14       32.57786  (18120919)
        436503.94   3709947.34       32.12215  (18101406)               436510.08
3709925.54       31.55759  (18011718)
        436516.22   3709903.74       31.13302  (18012303)               436522.36
3709881.93       30.61201  (21011606)
        436528.50   3709860.13       30.34384  (17012805)               436436.40
3710187.16       36.74840  (18021323)
        436437.15   3710210.23       37.34359  (18121005)               436437.89
3710233.30       37.94204  (21011405)
        436342.49   3710168.96       32.73729  (21011405)               436354.55
3710126.13       32.26955  (17122623)
        436366.61   3710083.29       31.56270  (17010222)               436378.68
3710040.45       30.96132  (20022623)
        436390.74   3709997.61       30.37565  (19121724)               436402.80
3709954.77       29.60214  (20121606)
        436414.87   3709911.94       29.03375  (20121703)               436426.93
3709869.10       28.30179  (20120902)
        436439.00   3709826.26       27.40643  (17122619)               436337.20
3710213.45       33.57329  (19012001)
        436337.94   3710236.52       33.84694  (17121824)               436242.74
3710171.46       29.51106  (19012804)
        436248.98   3710149.32       29.43505  (20121807)               436255.22
3710127.17       29.25020  (17122624)
        436261.45   3710105.02       29.15534  (18020806)               436267.69
3710082.87       28.93939  (18020202)
        436273.93   3710060.73       28.69641  (18010401)               436280.17
3710038.58       28.43930  (18012921)
        436286.40   3710016.43       28.04878  (21011101)               436292.64
3709994.28       27.81224  (18011906)
        436298.88   3709972.14       27.52703  (18011805)               436305.11
3709949.99       27.29124  (17122621)
        436311.35   3709927.84       26.95699  (20122108)               436317.59
3709905.69       26.65952  (18012120)
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        436323.82   3709883.54       26.43947  (20120903)                436330.06
3709861.40       25.89254  (21121102)
        436336.30   3709839.25       25.68686  (20120904)                436342.54
3709817.10       25.43472  (20121703)
        436348.77   3709794.95       25.05930  (18012219)                436355.01
3709772.81       24.67007  (20010420)
        436361.25   3709750.66       24.24276  (20120207)                436236.51
3710193.61       29.40480  (18011204)
        436237.25   3710216.68       29.13546  (17121901)                436238.00
3710239.75       29.43423  (18020506)
        436142.70   3710175.04       25.69970  (17010701)                436148.84
3710153.24       25.99648  (18012704)
        436154.98   3710131.43       26.35505  (21010905)                436161.12
3710109.63       26.47024  (17121205)
        436167.26   3710087.83       26.29694  (18011506)                436173.40
3710066.03       26.18618  (18020806)
        436179.54   3710044.23       26.04390  (18021701)                436185.68
3710022.43       25.90816  (18121005)
        436191.81   3710000.62       25.73574  (21011402)                436197.95
3709978.82       25.54270  (18012419)
        436204.09   3709957.02       25.18711  (19122103)                436210.23
3709935.22       25.00233  (18021801)
        436216.37   3709913.42       24.75659  (18020101)                436222.51
3709891.62       24.62961  (18012221)
        436228.65   3709869.82       24.31077  (20012402)                436234.79
3709848.01       24.13079  (20021401)
        436240.93   3709826.21       23.80943  (19012703)                436247.07
3709804.41       23.64008  (20091623)
        436253.21   3709782.61       23.24680  (21011204)                436259.35
3709760.81       22.99540  (20122404)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 625
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
```

***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	22.92070	(20121703)	436271.63	3709717.20	22.67990	(20122404)
436277.77	3709695.40	22.34736	(21011519)	436136.56	3710196.84	25.88448	(18012703)
436137.30	3710219.91	26.35648	(19012722)	436138.05	3710242.98	26.75684	(19012621)
436042.67	3710178.53	23.54762	(17120801)	436054.80	3710135.47	23.18316	(18020506)
436066.93	3710092.40	23.66174	(18022323)	436072.99	3710070.87	23.79935	(17010806)
436085.12	3710027.81	23.79685	(18011324)	436097.25	3709984.74	23.58653	(18021701)
436109.38	3709941.68	23.28650	(17122623)	436121.50	3709898.61	22.88932	(17121003)
436133.63	3709855.55	22.38612	(18011906)	436145.76	3709812.48	22.02382	(18012221)
436157.89	3709769.42	21.66734	(20021401)	436170.01	3709726.35	21.25553	(21011204)
436182.14	3709683.29	20.52670	(20022505)	436037.36	3710223.14	23.92669	(20122319)
436038.10	3710246.21	24.20699	(18122401)	435942.87	3710181.24	21.54493	(20122319)
435949.08	3710159.19	21.46974	(19012621)	435955.29	3710137.14	21.32744	(17120801)
435961.50	3710115.09	21.15249	(18010304)	435967.71	3710093.03	21.04369	(18020506)
435973.92	3710070.98	20.98379	(21122021)	435980.13	3710048.93	21.37607	(18011723)
435986.34	3710026.88	21.52443	(20011821)	435992.55	3710004.82	21.58109	(20022705)
435998.76	3709982.77	21.65769	(18011506)	436004.97	3709960.72	21.63365	(18011205)
436011.18	3709938.67	21.53779	(18011323)	436017.39	3709916.62	21.43197	(19121121)
436023.60	3709894.56	21.25612	(18121005)	436029.81	3709872.51	21.15695	(21011220)
436036.02	3709850.46	20.96317	(18010401)	436042.23	3709828.41	20.71324	(20022804)
436048.44	3709806.36	20.54310	(17120205)	436054.66	3709784.30	20.34220	(17012523)
436060.87	3709762.25	20.24343	(20120701)	436067.08			

3709740.20   20.08825 (18012221)
        436073.29   3709718.15   19.74445 (17122320)   436079.50
3709696.10   19.54166 (18121823)
        436085.71   3709674.04   19.27914 (18121418)   436091.92
3709651.99   19.15112 (20091623)
        436098.13   3709629.94   18.95766 (21011023)   436104.34
3709607.89   18.64485 (20022505)
        436110.55   3709585.83   18.63545 (20120904)   435936.66
3710203.29   21.60839 (18122401)
        435937.41   3710226.36   22.04331 (18010305)   435938.15
3710249.43   22.47285 (21011805)
        435842.85   3710184.72   19.93188 (18010305)   435848.99
3710162.92   19.73540 (18122401)
        435855.13   3710141.12   19.72988 (20122319)   435861.27
3710119.32   19.63665 (21011002)
        435867.41   3710097.51   19.51317 (17120801)   435873.55
3710075.71   19.33216 (19011822)
        435879.69   3710053.91   19.29860 (18010304)   435885.83
3710032.11   19.15631 (18010222)
        435891.97   3710010.31   19.34425 (18012704)   435898.11
3709988.51   19.68660 (18011723)
        435904.25   3709966.70   19.69133 (20011821)   435910.39
3709944.90   19.76943 (17121205)
        435916.53   3709923.10   19.76520 (18020307)   435922.67
3709901.30   19.77499 (21111424)
        435928.81   3709879.50   19.78625 (18020806)   435934.95
3709857.70   19.64141 (19121121)
        435941.09   3709835.90   19.51220 (20010621)   435947.23
3709814.09   19.41823 (21011001)
        435953.37   3709792.29   19.24999 (18013003)   435959.51
3709770.49   19.08114 (20010704)
        435965.65   3709748.69   18.86393 (17120205)   435971.78
3709726.89   18.71537 (20100124)
        435977.92   3709705.09   18.46698 (18121605)   435984.06
3709683.28   18.24052 (18011805)
        435990.20   3709661.48   17.99779 (18011107)   435996.34
3709639.68   17.71410 (17121921)
        436002.48   3709617.88   17.68775 (18121823)   436008.62
3709596.08   17.48511 (19012703)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985

, L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        435661.60   3710124.98       17.09789  (21011401)                435667.79
3710102.99       16.82891  (17121402)
        435673.99   3710080.99       16.68833  (18120624)                435680.18
3710058.99       16.64758  (18020723)
        435686.38   3710036.99       16.56801  (18112723)                435692.57
3710015.00       16.48502  (21122023)
        435698.77   3709993.00       16.39431  (19011822)                435704.96
3709971.00       16.31998  (18021602)
        435711.16   3709949.00       16.27238  (19120905)                435717.35
3709927.00       16.27886  (20022704)
        435723.55   3709905.01       16.57346  (18012704)                435729.74
3709883.01       16.68840  (21010905)
        435735.94   3709861.01       16.71141  (20011821)                435742.13
3709839.01       16.70330  (20020207)
        435748.33   3709817.01       16.66433  (18011508)                435754.52
3709795.02       16.65029  (18122020)
        435760.72   3709773.02       16.59389  (18011205)                435766.91
3709751.02       16.57276  (18021701)
        435773.11   3709729.02       16.47129  (18121005)                435779.30
3709707.02       16.33509  (17010802)
        435785.50   3709685.03       16.15871  (17122821)                435791.69
3709663.03       16.09724  (18012419)
        435797.89   3709641.03       15.94126  (18121404)                435804.08
3709619.03       15.75310  (17012824)
        435810.28   3709597.03       15.66623  (20022102)                435816.47
3709575.04       15.57408  (20020120)
        435822.66   3709553.04       15.46408  (20120423)                435828.86
3709531.04       15.37929  (20120423)
        435835.05   3709509.04       15.25572  (18011805)                435841.25
3709487.04       15.14381  (20012402)
        435847.44   3709465.05       15.10021  (18121823)                435853.64
3709443.05       14.99031  (21021724)
        435859.83   3709421.05       14.88972  (20091623)                435636.82
3710212.98       17.96191  (20030806)
        435637.56   3710236.05       18.68129  (21070705)                435638.31
3710259.12       17.39886  (17121022)
        435543.01   3710194.40       17.55507  (20030806)                435549.15
3710172.60       15.95077  (17121221)
        435555.29   3710150.80       15.83620  (18012319)                435561.43
3710129.00       15.83107  (21011805)
        435567.57   3710107.20       15.81137  (21011805)                435573.71
3710085.40       15.71063  (21011401)
        435579.85   3710063.59       15.52483  (17121402)                435585.99
3710041.79       15.50805  (20121923)
        435592.13   3710019.99       15.48461  (18020723)                435598.27
3709998.19       15.41793  (17010722)
        435604.41   3709976.39       15.39105  (18020721)                435610.55
3709954.59       15.31121  (18013122)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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*** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	15.24268	(18020721)	435622.83	3709910.98	15.24468	(18020204)
435628.96	3709889.18	15.26059	(21122021)	435635.10	3709867.38	15.34708	(21111303)
435641.24	3709845.58	15.59034	(20022721)	435647.38	3709823.78	15.59167	(20121601)
435653.52	3709801.98	15.53307	(18010801)	435659.66	3709780.17	15.48605	(20121807)
435665.80	3709758.37	15.44353	(18011324)	435671.94	3709736.57	15.46893	(17011607)
435678.08	3709714.77	15.42683	(18010507)	435684.22	3709692.97	15.33962	(18021701)
435690.36	3709671.17	15.25411	(21012024)	435696.50	3709649.36	15.14013	(17120803)
435702.64	3709627.56	15.08182	(17122821)	435708.78	3709605.76	14.99353	(18021323)
435714.92	3709583.96	14.98383	(18012419)	435721.06	3709562.16	14.80824	(20121704)
435727.20	3709540.36	14.77209	(19122120)	435733.34	3709518.56	14.68938	(18020822)
435739.48	3709496.75	14.61051	(18120808)	435745.62	3709474.95	14.48431	(20020120)
435751.76	3709453.15	14.37230	(17122320)	435757.89			

3709431.35 14.24741 (20120424)
435764.03 3709409.55 14.16734 (17122621) 435770.17
3709387.75 14.10272 (18121823)
435776.31 3709365.94 14.02125 (21021724) 435536.87
3710216.20 16.30489 (21070705)
435537.62 3710239.27 15.86146 (21031806) 435538.36
3710262.34 16.04449 (21012104)
436998.29 3710253.17 71.08694 (17121622) 437006.23
3710275.99 72.36301 (18022519)
437014.16 3710298.81 76.46824 (21122019) 436943.13
3710246.78 74.10225 (21010507)
436951.07 3710269.60 79.48568 (21022619) 436959.00
3710292.42 84.83041 (20021420)
436966.94 3710315.24 89.52031 (17012003) 436891.78
3710240.99 61.66648 (17010320)
436895.90 3710263.20 64.39066 (17020220) 436903.84
3710286.02 68.04246 (21010405)
436911.78 3710308.84 73.25890 (21010405) 436919.71
3710331.66 79.56637 (18011119)
436845.01 3710259.88 61.07691 (20120619) 436856.62
3710302.45 64.05888 (17020904)
436864.55 3710325.27 66.39755 (21011606) 436872.49
3710348.09 69.13916 (20121620)
436798.02 3710277.54 59.48889 (20012708) 436809.39
3710318.87 63.55374 (17121518)
436817.33 3710341.69 65.74926 (21011324) 436825.26
3710364.51 67.90366 (20120119)
436750.11 3710290.26 57.09258 (21011107) 436745.98
3710268.05 55.48971 (20010420)
436741.86 3710245.83 53.93999 (21011324) 436754.23
3710312.48 58.59238 (21010206)
436762.16 3710335.30 60.84938 (21011204) 436770.10
3710358.12 62.96046 (21013104)
436778.04 3710380.94 65.07599 (20100505) 436703.15
3710308.17 54.97502 (21013105)
436695.46 3710266.70 52.43722 (20121606) 436714.94
3710351.72 58.16732 (17021403)
436722.88 3710374.54 60.14147 (17050206) 436730.81
3710397.36 62.19406 (18012419)
436655.38 3710321.63 52.37528 (18021321) 436650.98
3710297.93 50.91700 (20120423)
436646.58 3710274.24 49.62836 (20122405) 436642.19
3710250.54 48.33891 (20101306)
436659.78 3710345.33 54.08043 (18012419) 436667.71
3710368.15 55.71607 (18011208)
436675.65 3710390.97 57.50626 (18011402) 436683.59
3710413.79 59.40599 (19010908)
436608.43 3710339.54 50.00098 (20101506) 436604.31
3710317.32 48.89457 (20022804)
436600.18 3710295.10 47.89360 (17050206) 436591.94

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                  L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                  L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                  L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        436372.15   3710420.84       38.30180  (20102504)                436367.87
3710397.80       37.48571  (18020222)
        436363.60   3710374.76       36.78139  (18011322)                436359.32
3710351.72       36.05476  (17010722)
        436355.05   3710328.68       35.29892  (20022706)                436350.77
3710305.64       34.61891  (18021602)
        436346.50   3710282.60       33.95156  (18021602)                436342.22
3710259.56       33.97756  (18012704)
        436376.43   3710443.88       38.76655  (17121221)                436384.36
3710466.70       39.87483  (21070705)
        436392.30   3710489.52       40.33506  (21012104)                436400.24
3710512.34       40.95664  (18012922)
        436277.58   3710453.03       34.25192  (20120818)                436273.18
3710429.33       34.05606  (20101104)
        436268.78   3710405.63       33.40750  (17121221)                436264.38
3710381.94       33.03345  (18112723)
        436259.99   3710358.24       32.62620  (21070705)                436255.59
3710334.54       31.68800  (19122121)
        436251.19   3710310.84       31.17092  (18020723)                436246.79
3710287.15       30.59887  (20122319)
        436242.39   3710263.45       29.95005  (21021721)                436281.98
3710476.73       34.71339  (21010119)
        436289.91   3710499.55       35.38374  (20022624)                436297.85
3710522.37       36.06282  (20022624)
        436305.79   3710545.19       36.36514  (19012620)                436183.40
3710487.36       31.04278  (19122019)
        436175.16   3710442.93       30.23573  (17121022)                436171.03
3710420.71       29.76786  (20120818)
        436166.91   3710398.49       29.84588  (21031806)                436162.79
3710376.28       29.96291  (21031806)
        436158.66   3710354.06       28.96854  (21012102)                436154.54
3710331.84       28.67189  (21011805)
        436146.29   3710287.41       27.54550  (18020723)                436142.17
3710265.19       27.16870  (18020723)
        436187.52   3710509.57       30.97679  (17121306)                436195.46
3710532.39       31.43343  (19121607)
        436203.40   3710555.21       31.91793  (19012507)                436211.33
3710578.03       32.38260  (18120901)
        436088.85   3710519.64       27.63563  (19122021)                436084.62
3710496.85       27.43931  (21010723)
        436080.39   3710474.07       27.35739  (19012620)                436076.16
3710451.28       27.11388  (20022624)
        436071.93   3710428.49       26.89452  (21010119)                436067.70
3710405.71       26.77061  (21012104)
        436063.47   3710382.92       26.27820  (17122921)                436059.24
3710360.14       27.07718  (21031806)
        436055.02   3710337.35       26.84469  (21110223)                436050.79
3710314.56       25.44740  (21011401)
        436046.56   3710291.78       25.26195  (21011805)                436042.33
3710268.99       24.82732  (21011401)
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3710584.43 22.28388 (18121006)
435895.38 3710560.73 22.32410 (21110503) 435890.98
3710537.03 22.15871 (20010520)
435886.58 3710513.33 22.20029 (18011804) 435882.18
3710489.64 21.95523 (18121123)
435877.79 3710465.94 21.88704 (19012422) 435873.39
3710442.24 21.65917 (17010501)
435868.99 3710418.54 21.62967 (19121021) 435864.59
3710394.85 21.28552 (18122603)
435860.19 3710371.15 21.25026 (21010119) 435855.80
3710347.45 21.19943 (21012104)
435851.40 3710323.75 21.07608 (21031806) 435847.00
3710300.06 22.36437 (21031806)
435842.60 3710276.36 21.49018 (20030806) 435904.17
3710608.12 22.39888 (20122224)
435912.11 3710630.94 22.61737 (17122420) 435920.05
3710653.76 22.80135 (19011221)
435927.98 3710676.58 23.58933 (18122703) 435805.52
3710618.32 20.11728 (18121201)
435801.31 3710595.67 20.16030 (17021401) 435797.11
3710573.02 20.11296 (18121006)
435792.91 3710550.36 20.16027 (17021101) 435788.70
3710527.71 20.19001 (19041204)
435784.50 3710505.06 20.10291 (21010122) 435780.30
3710482.41 19.83239 (18011804)
435776.09 3710459.76 19.61302 (21061603) 435771.89
3710437.10 19.48735 (17121306)
435767.68 3710414.45 19.33867 (20020103) 435763.48
3710391.80 19.41329 (20022624)
435759.28 3710369.15 19.15523 (18122603) 435755.07
3710346.50 19.22621 (21010119)
435750.87 3710323.84 19.18758 (17121022) 435746.66
3710301.19 18.87288 (20010223)
435742.46 3710278.54 19.48841 (21070705) 435809.72
3710640.97 20.13472 (18121323)
435817.66 3710663.79 20.92376 (19011221) 435825.60
3710686.61 21.23387 (21012106)
435833.53 3710709.43 21.36978 (17121120) 435711.00
3710650.78 19.62478 (19120306)
435706.72 3710627.74 18.83591 (17120121) 435702.44
3710604.70 18.60297 (17021401)
435698.17 3710581.66 18.49218 (18112206) 435693.89
3710558.63 18.39672 (18010202)
435689.62 3710535.59 18.30221 (21010722) 435685.34
3710512.55 18.21579 (20010520)
435681.07 3710489.51 18.30695 (20010308) 435676.79
3710466.47 18.06691 (18122121)
435672.51 3710443.43 17.90069 (20122105) 435668.24
3710420.39 17.79758 (19122122)
435663.96 3710397.35 17.54761 (20020103) 435659.69

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985
, L0003986   , L0003987   , L0003988   ,
                  L0003989   , L0003990   , L0003991   , L0003992   , L0003993
, L0003994   , L0003995   , L0003996   ,
                  L0003997   , L0003998   , L0003999   , L0004000   , L0004001
, L0004002   , L0004003   , L0004004   ,
                  L0004005   , L0004006   , L0004007   , L0004008   , L0004009
, L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

```
      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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        436522.37   3710545.94       49.46784  (17121521)                436533.29
3710568.27       50.85078  (20040703)
        436544.21   3710590.60       51.78467  (19122122)                436555.12
3710612.92       52.93885  (19121205)
        436424.46   3710570.49       42.95056  (19122122)                436443.45
3710612.20       44.70471  (19121202)
        436454.37   3710634.52       45.70424  (18121006)                436465.29
3710656.85       46.26782  (18013107)
        436333.47   3710611.64       38.17391  (17021101)                436324.24
3710589.49       37.47359  (19121205)
        436315.01   3710567.34       36.95343  (18012301)                436342.70
3710633.79       38.74071  (18013107)
        436353.62   3710656.12       39.28611  (19022601)                436364.53
3710678.45       40.98938  (19123003)
        436375.45   3710700.77       41.95141  (19010621)                436244.56
3710657.78       33.91091  (21021603)
        436227.95   3710617.91       33.22635  (17120804)                436263.78
3710700.05       36.03913  (18022124)
        436274.70   3710722.37       36.48688  (19022707)                436285.61
3710744.70       37.09531  (17121018)
        436153.80   3710699.49       31.36609  (17120104)                436144.57
3710677.34       30.63374  (19120507)
        436135.34   3710655.19       29.52362  (19120306)                436126.11
3710633.04       29.28236  (18012222)
        436163.03   3710721.65       31.78581  (19122001)                436173.94
3710743.97       32.26419  (18122921)
        436184.86   3710766.30       32.44177  (21020822)                436195.78
3710788.63       32.87320  (21022407)
        436064.73   3710745.27       28.20595  (19022707)                436047.81
3710704.65       27.67709  (19122001)
        436084.11   3710787.90       28.72141  (18121221)                436095.03
3710810.22       28.94936  (17121601)
        436105.94   3710832.55       28.87680  (19010402)                435974.13
3710787.34       24.95207  (17121219)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 631
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
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L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	24.86441	(19011005)	435955.67	3710743.04	24.59904	(20011201)
435946.44	3710720.89	24.31595	(17012421)	435937.21	3710698.74	23.91363	(18122719)
435983.36	3710809.50	25.12533	(20011224)	435994.27	3710831.82	25.17150	(20011306)
436005.19	3710854.15	25.18684	(17022702)	436016.11	3710876.48	25.30502	(18021524)
435884.95	3710832.85	22.51561	(20010306)	435867.81	3710791.71	22.14615	(18122520)
435850.67	3710750.57	21.69578	(20121422)	435904.44	3710875.75	22.73665	(18120419)
435915.35	3710898.08	22.75230	(20011303)	435926.27	3710920.40	22.90237	(19122803)
435794.45	3710875.20	21.38963	(20022703)	435785.23	3710853.04	21.66498	(19013107)
435776.00	3710830.89	21.81826	(20010306)	435766.77	3710808.74	21.66732	(19012108)
435757.54	3710786.59	21.20505	(19013002)	435748.31	3710764.43	20.43550	(17121321)
435803.68	3710897.35	21.24475	(21122419)	435814.60	3710919.67	21.06844	(20012005)
435825.52	3710942.00	21.05007	(18021524)	435836.43	3710964.33	21.14025	(21021505)
435705.19	3710920.51	20.04159	(17021424)	435687.89	3710878.97	20.66779	(19013107)
435670.59	3710837.43	21.08965	(18121221)	435724.76	3710963.60	19.79121	(17121122)
435735.68	3710985.93	19.62031	(17080606)	435746.60	3711008.25	19.45991	(19120305)
437052.65	3710321.47	38.38205	(19123020)	437017.82	3710373.27	97.46343	(18011523)
436964.72	3710362.63	99.81139	(17122620)	436881.73	3710306.83	67.23379	(21010620)
436863.46	3710244.40	60.74704	(18010802)	436828.63	3710296.20	62.19811	(21010624)
436810.36	3710233.77	56.66488	(17020904)	436662.66			

3710184.60   46.64807 (18021606)
        436538.19   3710100.90   38.11620 (20121606)   436383.83
3709972.03   29.51596 (18012120)
        436289.23   3709933.50   26.63837 (18020101)   436123.27
3709821.90   21.81931 (18021607)
        435920.75   3709585.43   16.52775 (20122106)   436987.78
3710422.82   116.90566 (18011620)
        436981.82   3710445.14   117.27753 (17121621)   436975.87
3710467.47   120.66421 (20122018)
        436969.92   3710489.80   125.79463 (20122018)   436921.61
3710476.92   112.96896 (18052305)
        436904.79   3710367.02   77.86599 (21021823)   436851.94
3710364.15   70.38493 (21011324)
        436776.67   3710438.27   67.39862 (20022804)   436746.22
3710358.41   60.87527 (21022223)
        436726.55   3710282.45   54.97280 (17101620)   436691.95
3710367.85   57.69942 (17050206)
        436618.82   3710281.14   48.21062 (17123006)   436589.38
3710364.41   49.97875 (17122721)
        436570.02   3710269.33   45.17845 (18121403)   436612.64
3710175.47   43.72180 (21011023)
        436535.11   3710373.86   46.20679 (18012704)   436465.44
3710261.09   39.88963 (18020307)
        436483.63   3710221.04   39.56623 (18021323)   436501.81
3710180.99   39.15301 (18011906)
        436520.00   3710140.95   38.53852 (18020221)   436438.49
3710348.09   39.60946 (18020721)
        436369.27   3710234.32   35.21602 (19012001)   436378.82
3710213.30   35.02325 (18011205)
        436388.37   3710192.27   34.86077 (17031905)   436397.91
3710171.25   34.80717 (17010802)
        436407.46   3710150.22   34.70001 (17010802)   436417.01
3710129.20   34.35299 (18121804)
        436426.56   3710108.17   34.12988 (20022702)   436436.11
3710087.15   33.92729 (17122320)
        436445.65   3710066.12   33.59783 (18020221)   436272.19
3710209.56   30.88397 (18011204)
        436290.38   3710169.51   31.02816 (19010823)   436308.56
3710129.47   30.93641 (18021701)
        436326.75   3710089.42   30.73846 (18011405)   436344.94
3710049.37   30.26709 (18021607)
        436363.12   3710009.32   29.86296 (21020424)   436175.92
3710183.03   26.75808 (17121901)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436185.36	3710162.23	27.41142	(18022323)	436194.80	3710141.44	27.64435	(17010806)
436204.25	3710120.64	27.76653	(20121807)	436213.69	3710099.85	27.70351	(18122020)
436223.13	3710079.06	27.73181	(18020806)	436232.58	3710058.26	27.63301	(18121005)
436242.02	3710037.47	27.52265	(17122623)	436251.46	3710016.67	27.37264	(18012921)
436260.90	3709995.88	27.08327	(17010222)	436270.35	3709975.09	26.93876	(20100124)
436279.79	3709954.29	26.78660	(18011805)	436166.47	3710203.82	26.80235	(19120905)
436160.52	3710226.15	26.98874	(19012722)	436078.94	3710158.03	24.06399	(19120905)
436097.13	3710117.98	24.49654	(18011204)	436115.32	3710077.94	25.02340	(17121205)
436133.50	3710037.89	24.97789	(18020806)	436151.69	3709997.84	24.83968	(18121005)
436169.88	3709957.79	24.65229	(18010401)	436188.06	3709917.75	24.31416	(18120405)
436063.90	3710200.38	24.24194	(18011320)	435982.60	3710131.64	21.76302	(21021721)
435991.98	3710110.99	21.68374	(18010304)	436001.36	3710090.34	21.64628	(20020106)
436010.74	3710069.69	22.04692	(18011723)	436020.11	3710049.04	22.36132	(21010905)
436029.49	3710028.39	22.48269	(20022705)	436038.87	3710007.74	22.65386	(18011506)

436048.25 3709987.09 22.68485 (18020307) 436057.62
3709966.45 22.69090 (18020806)
436067.00 3709945.80 22.58397 (21012024) 436076.38
3709925.15 22.55968 (20010621)
436085.76 3709904.50 22.34450 (17122623) 436095.13
3709883.85 22.24346 (18013105)
436104.51 3709863.20 22.06203 (17120205) 436113.89
3709842.55 21.92612 (17012523)
435973.23 3710152.29 21.79762 (21122023) 435967.27
3710174.62 21.96727 (18011320)
435961.32 3710196.94 21.98114 (18120624) 435894.79
3710086.48 19.75443 (19011822)
435912.98 3710046.43 19.72071 (18010222) 435931.16
3710006.38 20.36579 (17121901)
435949.35 3709966.34 20.54122 (17121205) 435967.54
3709926.29 20.72747 (18011205)
435985.72 3709886.24 20.60751 (20112104) 436003.91
3709846.19 20.46676 (20022804)
436022.10 3709806.15 20.17468 (19122103) 435807.98
3710039.11 18.08441 (19011822)
435817.31 3710018.56 18.06290 (18010304) 435826.64
3709998.01 18.05462 (17010701)
435835.97 3709977.46 18.32071 (18012704) 435845.31
3709956.91 18.69449 (18011723)
435854.64 3709936.36 18.74687 (20011821) 435863.97
3709915.81 18.86509 (20020207)
435873.30 3709895.25 18.89969 (18020307) 435882.64
3709874.70 18.99224 (21111424)
435891.97 3709854.15 19.06563 (20020104) 435901.30
3709833.60 18.98571 (19121121)
435910.63 3709813.05 18.91703 (17011607) 435919.97
3709792.50 18.88689 (21011001)
435929.30 3709771.95 18.76424 (21011402) 435938.63
3709751.40 18.64816 (20022102)
435947.97 3709730.85 18.49304 (17120205) 435768.07
3710145.42 18.48838 (17121402)
435721.55 3709990.90 16.65536 (19011822) 435731.09
3709969.87 16.64554 (17121519)
435740.64 3709948.85 16.61958 (18020404) 435750.19
3709927.82 16.87508 (21111303)
435759.74 3709906.80 17.19002 (18011204) 435769.29
3709885.77 17.27123 (20011821)
435778.83 3709864.75 17.34377 (20020207) 435788.38
3709843.72 17.30936 (17123106)
435797.93 3709822.70 17.36929 (18011205) 435807.48
3709801.67 17.36993 (18010507)
435817.03 3709780.65 17.33616 (18021701) 435826.57
3709759.62 17.28551 (18121005)
435836.12 3709738.60 17.17431 (21012024) 435845.67
3709717.57 16.99701 (17121003)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	15.47842	(18020204)	435661.13	3709885.40	15.60903	(21111303)
435670.43	3709864.92	15.92959	(18011204)	435679.73	3709844.44	15.98504	(18011204)
435689.03	3709823.97	15.97982	(17121205)	435698.33	3709803.49	15.99356	(20121807)
435707.63	3709783.01	15.98943	(18122020)	435716.93	3709762.53	16.08220	(18010208)
435726.23	3709742.05	16.07756	(20020104)	435735.53	3709721.57	16.03744	(18021701)
435744.83	3709701.09	16.00037	(21011220)	435754.13	3709680.61	15.90551	(20010621)
435772.73	3709639.66	15.76083	(20020119)	436969.01	3710524.96	142.82515	(18052305)
436970.50	3710565.89	159.34501	(19062806)	436918.30	3710506.32	115.38226	(21112723)
436919.79	3710547.25	121.90549	(20022806)	436921.28	3710588.18	136.72528	(19121506)
436869.98	3710493.44	98.88629	(21122223)	436869.07			

3710528.60 100.97140 (21011220)
436870.56 3710569.53 98.43252 (19121808) 436818.36
3710509.96 86.40894 (18121805)
436819.85 3710550.89 80.81287 (20012808) 436821.34
3710591.82 91.17907 (21090405)
436769.14 3710532.24 69.53627 (21010208) 436770.63
3710573.17 77.43738 (21011401)
436724.39 3710460.67 62.57582 (17122808) 436719.92
3710554.52 68.89664 (21011401)
436721.41 3710595.45 71.26756 (21011624) 436674.25
3710463.96 57.38384 (21111303)
436670.70 3710576.81 64.21948 (21011802) 436625.11
3710458.43 54.03871 (18020401)
436620.73 3710578.63 59.07948 (19012308) 436570.66
3710500.15 52.81281 (21011401)
436569.27 3710539.52 52.91669 (21011802) 436570.76
3710580.45 54.09772 (19012620)
436522.70 3710484.12 48.93044 (21070705) 436526.84
3710447.36 47.18922 (21102903)
436530.97 3710410.61 46.38405 (19012722) 436521.54
3710602.73 50.06295 (19121205)
436423.04 3710485.30 41.82127 (20120818) 436427.45
3710446.10 41.71909 (21011805)
436431.87 3710406.90 40.83641 (20121923) 436419.37
3710544.97 42.71734 (20022624)
436421.61 3710606.37 43.35148 (20010520) 436320.80
3710509.44 37.26037 (21110503)
436325.01 3710472.01 36.66873 (20120818) 436329.22
3710434.59 36.93946 (19110604)
436333.44 3710397.17 36.16293 (21011805) 436337.65
3710359.75 35.35656 (18011322)
436220.97 3710512.18 32.33572 (20020103) 436225.38
3710472.98 32.39780 (21012104)
436229.79 3710433.78 32.10087 (17122921) 436234.21
3710394.57 32.02180 (21031806)
436120.95 3710516.52 28.69702 (18121622) 436125.21
3710478.72 28.88823 (18012922)
436129.46 3710440.91 28.73830 (21010119) 436133.72
3710403.11 28.54266 (17122921)
436137.98 3710365.31 29.18688 (21031806) 436021.10
3710519.46 25.70447 (19121607)
436025.51 3710480.25 25.59670 (18020706) 436029.92
3710441.05 25.74686 (20022624)
436034.34 3710401.85 25.73986 (17121022) 436019.64
3710559.52 25.71458 (21010122)
435921.23 3710522.48 22.93689 (18011804) 435925.78
3710482.05 23.03959 (18121622)
435930.34 3710441.63 23.12990 (20020103) 435934.89
3710401.20 23.08584 (21012104)
435919.70 3710563.16 22.99281 (21110503) 435821.23

3710526.73   20.82780 (20010520)
        435825.64   3710487.53   20.77033 (19121502)   435830.06
3710448.33   20.79888 (21010723)
        435834.47   3710409.12   20.81808 (19121021)   435819.77
3710566.80   20.50080 (18121006)
        435721.36   3710529.86   18.85679 (20010520)   435725.88
3710489.62   18.84457 (19121205)
        435730.41   3710449.39   18.68652 (19012422)   435734.94
3710409.15   18.70980 (20022624)
        435757.59   3710207.98   18.76559 (19110604)   435719.84
3710570.44   18.84282 (18121006)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        435621.36   3710534.01   17.97854 (21013124)   435625.78
3710494.81   18.11547 (20010308)
        435630.19   3710455.60   17.68002 (18122121)   435634.60
3710416.40   17.42106 (21010721)
        435619.90   3710574.08   18.16484 (17021401)   435521.48
3710537.20   17.83623 (21123108)
        435525.99   3710497.11   17.83851 (20022506)   435530.51
3710457.01   17.42782 (17021603)
        435535.02   3710416.92   16.71120 (21123108)   435519.97
3710577.71   17.75312 (17120122)

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        435521.46   3710618.64       17.31611  (21022404)              436953.73
3710589.22      168.36884  (19121506)
        436939.59   3710607.08      180.61221  (20102504)              436925.45
3710624.94      179.03433  (19062806)
        436942.81   3710522.47      129.89399  (21021004)              436900.39
3710576.05      116.19509  (18011508)
        436886.25   3710593.91      109.89384  (21122423)              436889.47
3710509.29      107.35476  (18013124)
        436847.05   3710562.87       88.45610  (17122808)              436850.26
3710478.25       88.53461  (19121508)
        436807.84   3710531.83       78.86693  (19121808)              436825.20
3710429.36       71.39825  (21013105)
        436651.04   3710407.69       56.21454  (17122721)              436522.51
3710247.82       42.16813  (21011220)
        436508.37   3710265.68       41.94066  (18020124)              436494.23
3710283.54       41.90296  (18012923)
        436472.39   3710150.03       37.08367  (18011906)              436415.83
3710221.47       36.66922  (18011205)
        436393.99   3710087.96       32.56504  (20022702)              436379.85
3710105.82       32.56378  (18013105)
        436315.58   3710025.89       29.01167  (18021801)              436237.18
3709963.81       26.04624  (20100124)
        436223.04   3709981.67       26.10154  (18013105)              436158.78
3709901.74       23.51893  (17120205)
        436144.64   3709919.60       23.60262  (18121403)              436080.38
3709839.67       21.40746  (17120205)
        436066.24   3709857.53       21.47955  (18121403)              436001.97
3709777.60       19.61877  (17120205)
        435987.83   3709795.46       19.69130  (20010704)              435973.69
3709813.32       19.68872  (17121003)
        435923.57   3709715.52       18.00508  (18013105)              435909.43
3709733.38       18.07436  (20010704)
        435895.29   3709751.24       18.08204  (17121003)              435881.15
3709769.10       18.10972  (17122623)
        435845.17   3709653.45       16.37308  (17122322)              435831.03
3709671.31       16.47949  (18012420)
        435816.89   3709689.17       16.49478  (18011405)              435802.75
3709707.03       16.54522  (21011402)
        436914.85   3710651.52      167.26895  (21110503)              436911.28
3710691.41      153.82801  (18012918)
        436907.71   3710731.30      149.67819  (21010621)              436872.11
3710629.34      106.15334  (19062806)
        436863.26   3710667.01      100.65392  (18121323)              436859.69
3710706.90      103.71247  (18031607)
        436856.12   3710746.79      102.90572  (17120823)              436821.61
3710626.66       89.14175  (20101104)
        436813.46   3710662.55       89.23301  (18010505)              436809.89
3710702.44       92.21660  (21012106)
        436806.32   3710742.33       92.73042  (17021323)              436772.51
3710620.42       80.78057  (21011624)
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        436793.71   3710567.27       80.42935  (21110223)               436763.66
3710658.09       80.50554  (17121107)
        436760.09   3710697.98       82.74222  (17122722)               436756.52
3710737.87       82.37800  (19122504)
        436742.14   3710567.24       73.36032  (20030806)               436715.65
3710633.68       71.74401  (21123108)
        436712.07   3710673.58       73.14225  (18120223)               436708.50
3710713.47       73.98377  (19120102)
        436672.91   3710611.51       65.57781  (21010721)               436708.24
3710522.92       62.65060  (17122308)
        436664.06   3710649.17       65.31507  (20122619)               436660.49
3710689.06       66.63814  (18121323)
        436656.92   3710728.95       66.51028  (21111121)               436622.79
3710607.85       59.53478  (21101620)
        436656.51   3710523.29       60.52531  (21110223)               436614.26
3710644.71       59.29179  (21013124)
        436610.69   3710684.60       60.79572  (21021603)               436607.11
3710724.50       60.57337  (19120923)
        436594.51   3710549.43       55.46991  (21011802)               436564.46
3710640.25       54.35174  (17021401)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 635
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                   INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        436560.89   3710680.14       55.60718  (21012106)               436557.31
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3710720.04 55.41625 (17011006)
436545.80 3710542.25 51.05817 (21011802) 436575.15
3710468.65 51.26377 (20120804)
436514.66 3710635.79 50.05629 (20120206) 436511.09
3710675.68 50.94256 (20012322)
436507.51 3710715.58 51.11748 (19122923) 436473.71
3710593.67 46.46420 (19121205)
436487.84 3710558.23 47.51014 (19122019) 436558.50
3710381.05 48.07165 (18012704)
436459.50 3710691.17 47.28081 (19010621) 436374.11
3710584.75 40.26511 (18011602)
436388.24 3710549.31 40.71523 (21010723) 436473.03
3710336.70 41.78112 (18012704)
436365.25 3710622.42 40.09588 (17120804) 436274.51
3710575.83 35.20771 (19121205)
436380.50 3710310.06 35.95306 (19120905) 436394.63
3710274.63 36.89443 (18011204)
436265.65 3710613.50 34.97585 (17120804) 436175.21
3710566.14 30.95810 (19121205)
436278.44 3710307.31 32.00523 (21122023) 436293.19
3710270.33 31.73239 (18020506)
436307.93 3710233.35 32.47152 (18011204) 436166.05
3710604.58 30.80162 (18010202)
436162.48 3710644.47 30.63661 (19123005) 436075.57
3710557.31 27.53624 (20010520)
436178.31 3710299.72 28.70666 (19122121) 436192.98
3710262.92 28.56136 (18011320)
436207.66 3710226.12 28.34677 (17122701) 436066.45
3710595.66 27.24372 (18010202)
436062.88 3710635.55 27.11723 (20011522) 436059.31
3710675.44 27.65309 (18122703)
436012.49 3710456.82 25.30022 (20030806) 436078.28
3710291.86 26.02425 (20120804)
436092.90 3710255.20 25.64231 (18120624) 436107.52
3710218.54 25.51861 (18020721)
435968.63 3710566.80 24.56673 (18061924) 435965.06
3710606.69 24.01520 (20121205)
435961.49 3710646.58 23.87298 (17122420) 435905.47
3710466.52 22.55185 (18121622)
435971.05 3710302.07 23.57858 (17121221) 435985.63
3710265.53 23.61299 (21011805)
436000.20 3710228.99 23.20130 (18122401) 436014.77
3710192.44 23.17006 (17010722)
436029.35 3710155.90 22.95164 (21021721) 435869.03
3710557.88 21.67358 (21110503)
435865.46 3710597.77 21.45554 (17121118) 435861.89
3710637.66 21.26000 (19123005)
435805.77 3710457.84 20.30446 (19122021) 435834.85
3710384.94 20.59032 (18122603)
435871.19 3710293.82 23.18831 (21031806) 435885.72

3710257.37   21.35148 (21012102)
        435900.26   3710220.92   21.36842 (20120804)   435914.79
3710184.47   21.00623 (18120624)
        435929.33   3710148.02   20.99056 (21011002)   435769.43
3710548.96   19.75047 (17021101)
        435765.86   3710588.85   19.53654 (17021401)   435762.29
3710628.74   19.31639 (19022601)
        435706.09   3710449.12   18.26807 (19121502)   435735.10
3710376.38   18.75326 (19012120)
        435771.36   3710285.46   20.18828 (21070705)   435785.87
3710249.09   19.87389 (21110223)
        435800.37   3710212.72   19.66682 (21011401)   435814.87
3710176.35   19.43917 (18010305)
        435829.38   3710139.99   19.24391 (18120624)   435843.88
3710103.62   19.23951 (21122023)
        435668.04   3710559.99   17.98273 (20122224)   435664.47
3710599.88   18.19668 (20022621)
        435660.90   3710639.77   18.88453 (21051906)   435599.18
3710458.52   17.57648 (20122201)
        435628.14   3710385.92   17.10683 (20020103)   435671.57
3710277.02   17.71711 (21031806)
        435686.05   3710240.72   20.03295 (20030806)   435700.52
3710204.42   18.02157 (18012319)
        435715.00   3710168.12   18.09921 (21011805)   435729.48
3710131.82   17.89933 (17121402)
        435743.95   3710095.52   17.67854 (20122319)   435794.62
3709968.47   17.51199 (17121901)
        435568.44   3710551.07   18.03839 (20122619)   435564.87
3710590.96   17.96017 (17021401)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435561.30	3710630.85	17.65819	(18050306)	435478.02	3710503.66	17.61733	(20121722)
435492.81	3710466.58	17.59754	(17021603)	435507.60	3710429.49	16.72070	(21011620)
435522.39	3710392.41	16.33417	(21010721)	435566.76	3710281.16	16.40061	(20040703)
435581.55	3710244.07	16.64220	(17121022)	435596.34	3710206.99	17.99661	(20030806)
435611.13	3710169.90	16.62832	(18012319)	435625.92	3710132.82	16.66251	(21011805)
435640.71	3710095.73	16.43279	(17121402)	435655.50	3710058.65	16.35815	(18011322)
435468.84	3710542.15	17.37879	(21010420)	435465.27	3710582.04	17.29937	(19041204)
435461.70	3710621.93	16.75498	(20022621)	436915.73	3710783.44	173.06852	(21021003)
436907.55	3710762.62	154.26676	(20111823)	436937.15	3710806.27	207.65076	(18060804)
436880.10	3710817.46	109.39470	(20091405)	436860.47	3710777.12	103.47410	(19011802)
436903.71	3710843.43	124.77726	(19050206)	436845.57	3710853.05	95.80281	(20050504)
436825.93	3710824.73	94.30342	(18122518)	436813.66	3710793.51	94.15876	(20120408)
436870.26	3710880.60	108.18317	(21041803)	436811.47	3710889.27	85.46068	(21101622)
436790.52	3710859.06	83.31755	(20120821)	436766.96	3710810.65	83.37827	(20021124)
436761.74	3710774.26	83.57927	(17013001)	436836.82	3710917.77	97.82326	(20030803)
436777.58	3710925.81	79.67776	(21021007)	436755.76	3710894.34	74.01041	(20111823)
436733.95	3710862.87	74.08827	(17120305)	436720.32	3710828.18	74.36259	(20021124)
436714.88	3710790.27	74.59915	(17013001)	436709.44	3710752.37	74.02074	(17122703)
436803.37	3710954.94	86.21572	(18060804)	436743.83	3710962.53	73.31754	(21021007)
436721.38	3710930.16	67.30970	(21021003)	436698.94	3710897.79	64.99276	(20120821)
436673.70	3710845.92	66.71750	(21010124)	436668.11	3710806.93	67.33737	(17012005)

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        436662.51   3710767.94       67.13072  (17121122)               436769.93
3710992.10       72.55910  (21041803)
        436711.42   3711001.19       64.24845  (21051024)               436691.06
3710971.82       63.75062  (18121608)
        436670.69   3710942.45       59.24433  (18122408)               436650.33
3710913.08       56.72754  (20022905)
        436627.42   3710866.01       58.51003  (20011301)               436622.35
3710830.63       60.16484  (18122324)
        436617.27   3710795.25       61.25142  (18120706)               436612.19
3710759.87       61.05065  (18120419)
        436736.48   3711029.27       62.79938  (18070905)               436677.68
3711037.94       59.13030  (21051024)
        436656.74   3711007.73       55.83095  (21102222)               436635.79
3710977.52       56.07519  (20111823)
        436614.84   3710947.30       51.98250  (21120706)               436593.90
3710917.09       54.00161  (18123106)
        436580.81   3710883.79       54.77043  (17121105)               436575.59
3710847.40       55.85358  (19021005)
        436570.37   3710811.01       56.40659  (18121422)               436565.15
3710774.62       55.94047  (18011820)
        436703.04   3711066.44       58.37485  (20110201)               436644.00
3711074.77       55.30066  (21051024)
        436622.58   3711043.87       51.76856  (21031805)               436601.16
3711012.97       48.70987  (20111823)
        436579.73   3710982.07       50.11312  (20091302)               436558.31
3710951.17       48.53082  (17120224)
        436534.22   3710901.66       50.37236  (20011301)               436528.88
3710864.45       51.44340  (20021702)
        436523.54   3710827.23       52.01613  (17120823)               436518.20
3710790.01       51.53737  (20122804)
        436512.85   3710752.79       51.44097  (18122601)               436669.59
3711103.60       54.10701  (20110201)
        436610.36   3711111.65       51.19923  (20092305)               436588.54
3711080.18       48.50299  (21101622)
        436566.72   3711048.70       46.32695  (21021007)               436544.90
3711017.23       47.34846  (21090404)
        436523.08   3710985.76       44.38937  (19012107)               436501.26
3710954.29       44.80596  (21011506)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 637
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
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                L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436487.63   3710919.60       45.57442  (20011301)               436482.19
3710881.70       46.89738  (20122206)
        436476.75   3710843.79       47.91219  (21011704)               436471.31
3710805.88       47.87638  (19122803)
        436465.87   3710767.98       47.79258  (18122601)               436460.43
3710730.07       47.46770  (21111318)
        436636.15   3711140.77       50.04652  (18060804)               436543.15
3711185.53       43.85650  (19050206)
        436520.71   3711153.16       43.36809  (21102222)               436498.27
3711120.79       40.57200  (21020106)
        436475.83   3711088.42       39.12790  (18121021)               436453.38
3711056.05       39.96744  (20120821)
        436430.94   3711023.68       39.22041  (19120922)               436408.50
3710991.31       39.26430  (19010623)
        436394.48   3710955.63       39.56792  (20011301)               436388.89
3710916.64       40.35330  (18122324)
        436383.29   3710877.65       40.96202  (18120504)               436377.69
3710838.66       40.89872  (19122822)
        436372.10   3710799.67       41.15896  (19011305)               436366.50
3710760.68       41.35061  (20012004)
        436360.91   3710721.69       41.05417  (17012421)               436569.25
3711215.11       43.06775  (18070905)
        436476.70   3711260.50       38.63428  (17010423)               436455.14
3711229.40       38.93789  (21021007)
        436433.58   3711198.30       36.92384  (21051024)               436412.02
3711167.20       34.33250  (21020106)
        436390.45   3711136.10       35.50242  (21031807)               436368.89
3711105.00       34.65091  (20120821)
        436347.33   3711073.90       34.17839  (20123003)               436325.77
3711042.79       33.74356  (18122624)
        436301.52   3710992.96       34.09059  (20011301)               436296.14
3710955.50       34.74872  (19020104)
        436290.76   3710918.04       34.95458  (19122507)               436285.39
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3710880.58       35.34574  (20011302)
        436280.01   3710843.12       35.49918  (21121223)                436274.64
3710805.66       35.87311  (18121122)
        436269.26   3710768.20       36.23206  (18121101)                436502.36
3711289.44       37.72286  (21031805)
        436409.57   3711334.48       33.67092  (21041803)                436387.52
3711302.68       33.11657  (21090701)
        436365.47   3711270.88       31.13538  (21031805)                436343.42
3711239.08       30.37211  (18121608)
        436321.37   3711207.27       29.88269  (20021722)                436299.33
3711175.47       31.01696  (21090404)
        436277.28   3711143.67       29.92506  (17020619)                436255.23
3711111.87       29.88696  (17120305)
        436233.18   3711080.07       29.82993  (18122624)                436208.38
3711029.11       30.31440  (21012022)
        436202.89   3710990.81       30.81288  (18121106)                436197.39
3710952.50       30.80774  (19122507)
        436191.89   3710914.19       31.02724  (19122118)                436186.39
3710875.89       31.05026  (21021703)
        436180.90   3710837.58       31.51164  (17012620)                436175.40
3710799.28       32.04559  (20123103)
        436435.47   3711363.78       32.12155  (21031805)                436342.48
3711408.53       28.47271  (21041803)
        436320.04   3711376.16       30.03233  (20030803)                436297.60
3711343.79       29.41924  (17061804)
        436275.15   3711311.42       28.03353  (18121608)                436252.71
3711279.05       26.99436  (18121608)
        436230.27   3711246.68       27.70824  (21121308)                436207.83
3711214.31       27.42533  (20091302)
        436185.38   3711181.94       26.99279  (19120922)                436162.94
3711149.57       26.87402  (20022905)
        436140.50   3711117.20       27.36898  (20122721)                436115.26
3711065.34       27.21012  (21022722)
        436109.66   3711026.35       27.61518  (17012124)                436104.07
3710987.36       27.39938  (18012502)
        436098.47   3710948.37       27.49132  (21120104)                436092.88
3710909.38       27.43715  (17022701)
        436087.28   3710870.39       27.61134  (21011706)                436081.69
3710831.40       28.16431  (18121701)
        436368.58   3711438.11       28.36300  (21031805)                436275.43
3711482.63       25.40016  (21051104)
        436252.66   3711449.79       26.36445  (17010423)                436229.89
3711416.96       26.55310  (21102222)
        436207.12   3711384.12       26.15605  (18121608)                436184.36
3711351.28       25.70001  (17021102)
        436161.59   3711318.44       25.65437  (20020208)                436138.82
3711285.60       25.01294  (18122408)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436116.05	3711252.76	24.49677	(20120821)	436093.29	3711219.92	24.35646	(19012107)
436070.52	3711187.08	24.53483	(21022602)	436047.75	3711154.24	24.44704	(19020906)
436022.15	3711101.62	24.28918	(20010805)	436016.47	3711062.07	24.64791	(21020823)
436010.79	3711022.52	24.59093	(18012322)	436005.12	3710982.96	24.67407	(19122506)
435999.44	3710943.41	24.45883	(18021022)	435993.76	3710903.85	24.44527	(19122803)
435965.38	3710706.08	24.88544	(19122001)	436301.69	3711512.44	25.44376	(20011708)
436208.84	3711557.41	23.21363	(21051104)	436186.69	3711525.46	24.62569	(17010423)
436164.53	3711493.50	24.24304	(21021007)	436142.38	3711461.55	23.06732	(20102407)
436120.22	3711429.59	24.08775	(21012203)	436098.07	3711397.63	24.23542	(17021102)
436075.91	3711365.68	24.04973	(18120107)	436053.76	3711333.72	23.23057	(18122408)
436031.61	3711301.77	22.68536	(21012308)	436009.45	3711269.81	22.37631	(19120922)
435987.30	3711237.86	22.14686	(18122519)	435965.14	3711205.90	22.08075	(18122624)

435942.99 3711173.95 21.86128 (19011802) 435929.15 3711138.73 21.80840 (21010124)
435923.62 3711100.24 21.99599 (17022624) 435918.10 3711061.75 22.01064 (18121203)
435912.58 3711023.26 22.28015 (17120823) 435907.05 3710984.77 22.40460 (18121422)
435901.53 3710946.28 22.38976 (18122421) 435873.91 3710753.83 22.18623 (18120524)
435868.39 3710715.34 22.16036 (20121522) 435862.87 3710676.85 21.89545 (19120507)
436234.80 3711586.78 23.59993 (20011708) 436141.81 3711631.54 21.79547 (20011708)
436119.37 3711599.17 21.82068 (20091403) 436096.92 3711566.80 21.52085 (21070406)
436074.48 3711534.43 22.05326 (17061804) 436052.04 3711502.06 23.10618 (18120418)
436029.60 3711469.69 22.88525 (18123107) 436007.15 3711437.32 23.08644 (20021722)
435984.71 3711404.95 23.10249 (20111823) 435962.27 3711372.58 22.34518 (18122518)
435939.83 3711340.21 21.73489 (21120308) 435917.38 3711307.84 21.50428 (18020502)
435894.94 3711275.47 20.65914 (18123106) 435872.50 3711243.10 20.36802 (19071506)
435850.06 3711210.73 20.33298 (19122319) 435836.04 3711175.05 20.49601 (18010703)
435830.44 3711136.06 20.51874 (21120921) 435824.85 3711097.07 20.38613 (17021422)
435819.25 3711058.08 20.47106 (18010405) 435813.66 3711019.09 20.54118 (21011701)
435808.06 3710980.10 20.52942 (18020405) 435802.47 3710941.11 20.77291 (17122703)
435780.09 3710785.15 21.32974 (19013002) 435774.49 3710746.16 20.54805 (17031607)
435768.89 3710707.17 20.37741 (20012322) 435763.30 3710668.18 20.21851 (18120223)
436167.91 3711661.11 21.68929 (18070905) 436074.79 3711705.69 22.27022 (20121320)
436052.10 3711672.96 23.89849 (20091403) 436029.41 3711640.23 24.18802 (21051024)
436006.72 3711607.50 22.49522 (21102222) 435984.03 3711574.77 22.03718 (17121020)
435961.33 3711542.04 21.82722 (21020106) 435938.64 3711509.31 21.74309 (17123102)
435915.95 3711476.58 21.95947 (20021722) 435893.26 3711443.85 21.85101 (21031807)
435870.57 3711411.12 21.34932 (21012308) 435847.88 3711378.39 20.86532 (18020502)
435825.18 3711345.66 20.52553 (18122704) 435802.49 3711312.93 20.07948 (18122519)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	19.08157	(19011808)	435714.65	3711014.28	19.01554	(18120706)
435692.02	3710856.59	21.15472	(19022706)	435686.36	3710817.17	21.21689	(18020507)
435680.70	3710777.75	20.40586	(19010608)	435675.04	3710738.33	19.55248	(17121120)
435669.39	3710698.90	19.50352	(19101107)	436101.02	3711735.45	22.91707	(18070905)
436008.14	3711780.37	21.17940	(17010423)	435985.92	3711748.33	22.02112	(17010423)
435963.71	3711716.28	23.63711	(21051024)	435941.49	3711684.24	23.75948	(21021007)
435919.28	3711652.20	23.06875	(17061804)	435897.06	3711620.15	21.39359	(21051024)
435874.85	3711588.11	20.93909	(17061804)	435852.63			

3711556.07 19.83950 (18121021)
435830.41 3711524.02 21.50444 (21031807) 435808.20
3711491.98 21.65426 (21090404)
435785.98 3711459.94 20.84765 (20120821) 435763.77
3711427.89 20.70485 (19120922)
435741.55 3711395.85 20.44520 (17120224) 435719.34
3711363.81 20.00836 (18123106)
435697.12 3711331.76 19.97537 (18020901) 435674.91
3711299.72 20.07763 (21010201)
435649.92 3711248.38 20.00194 (18010703) 435644.38
3711209.79 19.99788 (19010706)
435638.84 3711171.19 19.58873 (18022821) 435633.30
3711132.59 18.37146 (18020501)
435627.76 3711094.00 17.98435 (21012201) 435622.23
3711055.40 18.09883 (18120706)
435616.69 3711016.81 18.91466 (17021320) 435611.15
3710978.21 19.31971 (20022403)
435605.61 3710939.62 19.62211 (18021524) 435600.07
3710901.02 19.98341 (20022703)
435594.53 3710862.42 20.42757 (21012123) 435588.99
3710823.83 20.40537 (19021508)
435583.45 3710785.23 19.50710 (21011622) 435577.92
3710746.64 18.54313 (19101107)
435572.38 3710708.04 18.35868 (19022422) 435566.84
3710669.45 18.37749 (20012322)
436034.13 3711809.78 21.18604 (21031805) 435941.13
3711854.54 19.04159 (20121320)
435918.69 3711822.17 20.28680 (17010423) 435896.25
3711789.80 20.68937 (20092305)
435873.81 3711757.43 20.81014 (21021007) 435851.37
3711725.06 21.83146 (17061804)
435828.92 3711692.69 21.70731 (21051024) 435806.48
3711660.32 20.26447 (21041803)
435784.04 3711627.95 18.84646 (21102222) 435761.60
3711595.58 18.96707 (21031807)
435739.15 3711563.21 20.68350 (21101622) 435716.71
3711530.84 21.57511 (20091302)
435694.27 3711498.47 18.93994 (20120821) 435671.83
3711466.10 19.32373 (19120922)
435649.39 3711433.73 19.17350 (17120305) 435626.94
3711401.36 19.17031 (18123106)
435604.50 3711368.99 18.94927 (21021503) 435582.06
3711336.62 18.77904 (18020705)
435556.82 3711284.75 18.63192 (17012122) 435551.22
3711245.76 19.06811 (21022722)
435545.63 3711206.77 19.08704 (19011001) 435540.03
3711167.78 18.69536 (17021319)
435534.44 3711128.80 18.34793 (21010919) 435528.84
3711089.81 18.44187 (21120104)
435523.25 3711050.82 18.71081 (21011704) 435517.65

3711011.83   19.12418 (17021323)
        435512.06   3710972.84   19.17851 (20011303)   435506.46
3710933.85   19.43266 (19122020)
        435500.86   3710894.86   19.49472 (18122601)   435495.27
3710855.87   19.36250 (19022706)
        435489.67   3710816.88   18.99321 (19120923)   435484.08
3710777.89   17.74369 (19011424)
        435478.48   3710738.90   17.47465 (19123004)   435472.89
3710699.91   17.48487 (18102607)
        435467.29   3710660.92   17.26337 (18120223)   435967.24
3711884.12   18.84606 (21012023)
        436207.69   3711246.88   27.20845 (18122408)   436113.01
3711283.43   25.21020 (20091302)
        436027.25   3711334.86   22.90374 (21053006)   435941.49
3711386.29   22.29197 (21031807)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                  INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        436980.21   3710926.56      155.10940  (18051602)                436942.21
3710924.20      148.70763  (19082405)
        436908.75   3710910.64      146.40661  (20070405)                436967.77
3710973.29      127.99238  (17102803)
        436925.55   3710970.67      123.44618  (20100707)                436888.37
3710955.61      114.12871  (19110523)
        436976.14   3711021.32      112.49197  (19052823)                436953.53
3711019.92      109.77689  (18051602)
        436908.29   3711017.11      103.39021  (20100707)                436868.45
3711000.97       97.39715  (20012624)
        436851.23   3710986.24       94.43873  (20070301)                436834.01
3710971.50       87.13193  (19110523)
        436930.23   3711065.98       94.39831  (20092306)                436850.83
3711048.29       72.32577  (19041722)
        436818.68   3711020.79       76.26179  (19112623)                436892.46
3711111.14       74.70605  (19082401)
        436831.25   3711093.95       63.07045  (19070106)                436797.50
3711065.07       69.48651  (20070301)
        436763.75   3711036.20       63.38163  (20110201)                436990.56
3711164.74       81.66349  (19021501)
        436811.82   3711139.73       57.09236  (19070106)                436794.29
3711124.73       62.57629  (19110523)
        436776.75   3711109.73       63.58604  (21120223)                436759.22
3711094.73       64.15694  (20012624)
        436741.69   3711079.72       57.27337  (20092402)                436985.96
3711211.96       75.52508  (21113022)
        436876.35   3711205.15       55.91571  (21020622)                436832.50
3711202.43       51.42681  (21060824)
        436793.89   3711186.79       52.98668  (18071824)                436760.51
3711158.23       59.14583  (21070203)
        436727.13   3711129.67       56.62658  (21111806)                436693.75
3711101.11       55.94255  (20110201)
        436972.76   3711258.65       68.52597  (20050503)                436950.14
3711257.25       60.75112  (18061301)
        436927.52   3711255.84       58.88075  (20070506)                436904.90
3711254.44       52.37050  (20012108)
        436882.28   3711253.03       49.47193  (19082324)                436859.66
3711251.63       51.65771  (20092306)
        436837.05   3711250.22       52.34747  (19082401)                436740.15
3711203.21       54.88559  (20012624)
        436722.93   3711188.48       53.64326  (21120223)                436705.71
3711173.75       54.65139  (21111806)
        436688.49   3711159.02       49.24187  (20021822)                436671.27
3711144.28       49.29018  (20022206)
        436636.83   3711114.82       50.40310  (17010423)                436955.44
3711352.59       52.88466  (21113022)
        436910.73   3711349.81       44.54280  (21121219)                436866.03
3711347.04       44.03502  (19090606)
        436821.32   3711344.26       44.02208  (20101803)                436686.20
3711281.86       48.44981  (21070203)
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        436652.16   3711252.74       47.11010  (21111806)                436618.13
3711223.62       42.86724  (19121220)
        436584.09   3711194.50       44.98647  (18060804)                437049.21
3711453.43       52.12158  (17010717)
        436916.22   3711445.17       39.66364  (19082003)                436871.88
3711442.42       38.41621  (19090606)
        436827.55   3711439.66       39.08966  (20120702)                436783.22
3711436.91       38.84410  (20101803)
        436615.47   3711346.15       40.21258  (21090705)                436581.72
3711317.28       38.95384  (19110523)
        436547.97   3711288.40       38.15737  (20070301)                436514.22
3711259.52       39.57812  (20110201)
        436480.47   3711230.65       39.27626  (20030803)                437093.71
3711551.21       48.55831  (20030604)
        437070.68   3711549.78       50.71200  (17010717)                437047.65
3711548.35       49.04681  (20081206)
        437024.62   3711546.92       44.77297  (19082903)                436886.44
3711538.34       33.31486  (20091402)
        436863.41   3711536.91       32.75164  (20012108)                436840.38
3711535.48       32.65271  (20012108)
        436817.35   3711534.05       33.95034  (20050805)                436794.32
3711532.62       35.01212  (20090502)
        436771.30   3711531.19       35.28282  (18051602)                436626.58
3711480.46       31.86663  (20120917)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 641
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE4   ***
                                  INCLUDING SOURCE(S):     L0003984    , L0003985
, L0003986    , L0003987    , L0003988    ,
                  L0003989    , L0003990    , L0003991    , L0003992    , L0003993
, L0003994    , L0003995    , L0003996    ,
                  L0003997    , L0003998    , L0003999    , L0004000    , L0004001
, L0004002    , L0004003    , L0004004    ,
                  L0004005    , L0004006    , L0004007    , L0004008    , L0004009
, L0004010    , L0004011    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
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3711737.53   33.39070 (19082903)
        437011.22   3711736.12   30.56899 (19082824)   436988.60
3711734.72   28.18629 (20021803)
        436965.98   3711733.31   27.57861 (21021604)   436852.89
3711726.29   27.44730 (18111719)
        436830.27   3711724.88   27.26011 (18121120)   436807.65
3711723.48   27.31075 (19052823)
        436785.04   3711722.07   26.79470 (21030623)   436762.42
3711720.67   28.00346 (20050805)
        436739.80   3711719.26   28.33708 (21121618)   436717.18
3711717.86   27.77476 (21020622)
        436500.77   3711622.44   27.55760 (20092402)   436483.55
3711607.71   30.75990 (20012624)
        436466.33   3711592.97   29.84472 (21120223)   436449.11
3711578.24   30.20301 (21090705)
        436431.89   3711563.51   29.64490 (19120804)   436414.67
3711548.77   27.72036 (19110523)
        436397.45   3711534.04   25.21528 (19020218)   436380.23
3711519.31   25.37417 (17020621)
        436363.01   3711504.58   26.52617 (21090701)   436345.79
3711489.84   26.83233 (21090424)
        436328.57   3711475.11   26.69166 (18070905)   436311.35
3711460.38   27.42841 (20121320)
        436294.13   3711445.64   27.95072 (21041803)   436276.91
3711430.91   27.64261 (20092305)
        436259.69   3711416.18   26.83709 (21090701)   436139.16
3711313.05   25.36896 (18122408)
        437237.41   3711750.17   27.95304 (20122620)   437259.74
3711744.21   25.91864 (19011723)
        437240.72   3711845.39   27.27934 (19050805)   437218.25
3711843.99   31.75217 (21110820)
        437195.78   3711842.60   33.33833 (18120724)   437173.31
3711841.20   33.11286 (21111720)

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                 INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                 L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                 L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                 L0004005   , L0004006   , L0004007   , L0004008   , L0004009

, L0004010   , L0004011   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437150.83	3711839.81	33.73061	(18092924)	437128.36	3711838.41	35.09550	(20092002)
437105.89	3711837.02	35.63730	(20030604)	437083.41	3711835.62	36.75407	(21082303)
437060.94	3711834.22	37.15500	(19082824)	437038.47	3711832.83	34.73598	(19082903)
437016.00	3711831.43	33.15707	(19082824)	436993.52	3711830.04	29.07552	(19082824)
436971.05	3711828.64	26.75269	(20013021)	436948.58	3711827.25	26.06322	(20092722)
436813.74	3711818.87	24.91111	(18121120)	436791.27	3711817.48	24.23781	(19090606)
436768.80	3711816.08	23.91347	(21030623)	436746.32	3711814.69	24.63734	(21030623)
436723.85	3711813.29	25.63640	(20120702)	436701.38	3711811.89	26.03754	(21121618)
436678.91	3711810.50	25.28525	(21121618)	436446.78	3711701.06	25.07208	(19041722)
436412.57	3711671.78	26.43695	(21120223)	436378.35	3711642.50	26.67965	(19120804)
436361.24	3711627.87	25.43750	(19110523)	436327.02	3711598.59	23.19910	(18011005)
436292.81	3711569.32	23.41486	(20011708)	436258.59	3711540.04	24.48288	(20011708)
436224.37	3711510.76	25.62873	(21041803)	436190.15	3711481.49	24.19222	(21090701)
436173.04	3711466.85	24.81232	(21102222)	436053.28	3711364.39	23.70952	(18011224)
437263.20	3711846.79	24.10115	(17022801)	437285.53	3711840.83	22.68407	(21020924)
437265.95	3711941.97	28.10520	(21051802)	437242.92	3711940.54	30.74744	(20091506)
437219.89	3711939.11	31.24160	(18052306)	437196.86	3711937.68	31.37612	(19050805)
437173.83	3711936.25	31.09108	(19050805)	437150.80	3711934.82	32.17106	(21051802)
437127.77	3711933.39	33.45098	(17010717)	437104.74	3711931.96	32.35013	(19072204)

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        437081.72   3711930.53       33.37047  (17010717)                437058.69
3711929.10       33.36563  (19082824)
        437035.66   3711927.67       32.02849  (19082903)                437012.63
3711926.24       30.96731  (21091105)
        436989.60   3711924.81       27.49151  (19082824)                436966.57
3711923.38       25.38837  (19082903)
        436943.54   3711921.95       25.04471  (20092722)                436920.51
3711920.52       25.40363  (20092722)
        436782.33   3711911.94       22.21994  (17102803)                436759.30
3711910.51       21.87247  (18121120)
        436736.27   3711909.08       22.08541  (21030623)                436713.24
3711907.65       22.47167  (20050805)
        436690.21   3711906.22       23.28826  (21121618)                436667.18
3711904.79       23.58719  (21121618)
        436406.27   3711791.20       22.56683  (21070203)                436388.74
3711776.20       24.08505  (20070405)
        436371.20   3711761.20       23.90439  (18101321)                436353.67
3711746.20       23.60801  (21090705)
        436336.14   3711731.20       24.02417  (21070203)                436318.61
3711716.20       24.44620  (21111806)
        436301.07   3711701.20       22.66943  (17010408)                436283.54
3711686.19       21.69114  (17010408)
        436266.01   3711671.19       21.61283  (18011005)                436248.47
3711656.19       21.93955  (20110201)
        436230.94   3711641.19       21.86190  (20011708)                436213.41
3711626.19       22.75234  (20011708)
        436195.88   3711611.19       22.94405  (20011708)                436178.34
3711596.19       22.56659  (20121320)
        436160.81   3711581.19       22.64096  (21041803)                436143.28
3711566.19       23.25929  (17010423)
        436125.74   3711551.19       23.21969  (21090701)                436108.21
3711536.19       22.52057  (21090424)
        435985.48   3711431.18       23.02839  (18120107)                437288.98
3711943.40       25.34807  (17022801)
        437311.31   3711937.44       22.84669  (19092304)                437291.90
3712038.60       26.87521  (17091523)
        437269.03   3712037.18       30.41498  (21051802)                437246.16
3712035.76       31.94539  (19120802)
        437223.29   3712034.34       32.17641  (18101407)                437200.42
3712032.92       31.93493  (19072204)
        437177.55   3712031.50       31.59627  (18112618)                437154.68
3712030.08       31.67695  (19110724)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 643
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985 , L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993 , L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001 , L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009 , L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	29.48593	(20091303)	437108.94	3712027.24	27.68312	(19072204)
437086.07	3712025.82	29.08615	(17010717)	437063.20	3712024.40	28.55719	(19092301)
437040.33	3712022.98	27.77823	(20081206)	437017.46	3712021.56	25.58398	(19082903)
436994.59	3712020.14	22.28064	(20021803)	436971.72	3712018.72	21.62983	(17122021)
436948.85	3712017.30	20.95828	(21082303)	436925.98	3712015.88	21.41936	(18101318)
436903.11	3712014.45	23.17657	(20091402)	436743.02	3712004.51	20.17180	(19090606)
436720.15	3712003.09	20.32695	(20012108)	436697.28	3712001.67	20.35619	(21030623)
436674.41	3712000.25	21.15723	(20050805)	436651.54	3711998.83	21.16066	(19082324)
436628.67	3711997.41	20.69133	(17102803)	436352.17	3711869.72	23.15371	(21070203)
436334.76	3711854.82	24.22944	(18101321)	436317.34	3711839.92	24.27413	(20051605)
436299.93	3711825.03	22.87776	(17020908)	436282.52	3711810.13	23.70220	(17020908)
436265.11	3711795.23	25.31300	(20012624)	436247.70	3711780.34	23.49603	(19110523)
436230.29	3711765.44	22.32398	(20092402)	436212.88	3711750.54	22.32176	(21021504)
436195.47	3711735.65	22.20610	(17021906)	436178.06	3711720.75	22.47204	(17020621)
436160.64	3711705.86	22.38428	(20092305)	436143.23			

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3711690.96       23.02501  (21031805)
        436125.82   3711676.06       22.28782  (21012023)                436108.41
3711661.17       22.11951  (20122122)
        436091.00   3711646.27       21.98652  (17010423)                436073.59
3711631.37       21.33191  (21051024)
        436056.18   3711616.48       22.65019  (21051024)                436038.77
3711601.58       21.75655  (20011918)
        436021.36   3711586.68       22.08147  (20011918)                435882.07
3711467.51       21.87565  (18122408)
        437337.10   3712034.06       20.81918  (20082305)                437295.09
3712133.81       26.96653  (19110724)
        437272.36   3712132.40       28.72704  (20091506)                437249.62
3712130.99       29.76147  (18101407)
        437226.89   3712129.58       29.84564  (18101407)                437204.15
3712128.17       29.97315  (19072204)
        437181.42   3712126.76       29.04780  (18120724)                437158.68
3712125.34       28.48374  (19110724)
        437135.95   3712123.93       26.46203  (20091303)                437113.21
3712122.52       25.88180  (19072204)
        437090.48   3712121.11       26.16270  (21082303)                437067.74
3712119.70       25.85209  (19082904)
        437045.01   3712118.28       25.49448  (19082824)                436999.54
3712115.46       20.53763  (20091303)
        436976.81   3712114.05       19.50677  (18020523)                436954.07
3712112.64       18.75069  (21021604)
        436931.34   3712111.22       18.91052  (20092722)                436908.60
3712109.81       20.81335  (18101318)
        436885.87   3712108.40       21.98552  (18101318)                436863.13
3712106.99       22.03386  (21090703)
        436840.40   3712105.58       21.23257  (18101318)                436726.73
3712098.52       18.45903  (17010818)
        436703.99   3712097.10       18.58065  (20070506)                436681.26
3712095.69       18.53894  (21030623)
        436658.52   3712094.28       19.02175  (20012108)                436635.79
3712092.87       19.38489  (21121618)
        436613.05   3712091.46       19.81511  (21121618)                436590.32
3712090.05       18.68091  (21020622)
        436476.64   3712082.99       18.56272  (20100707)                436436.60
3712066.77       17.23656  (21020405)
        436298.14   3711948.30       21.28999  (21070203)                436280.83
3711933.49       22.74203  (20012624)
        436263.52   3711918.68       22.65279  (20051605)                436246.21
3711903.87       21.49285  (17020908)
        436228.91   3711889.06       22.61597  (20070301)                436211.60
3711874.26       24.73204  (20012624)
        436194.29   3711859.45       22.80286  (20012624)                436176.98
3711844.64       21.37712  (18070905)
        436159.67   3711829.83       20.87659  (21021504)                436142.37
3711815.02       20.91409  (21021504)
        436125.06   3711800.21       21.14491  (19121220)                436107.75
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE4   ***
                                   INCLUDING SOURCE(S):   L0003984   , L0003985 , L0003986   , L0003987   , L0003988   ,
                  L0003989   , L0003990   , L0003991   , L0003992   , L0003993 , L0003994   , L0003995   , L0003996   ,
                  L0003997   , L0003998   , L0003999   , L0004000   , L0004001 , L0004002   , L0004003   , L0004004   ,
                  L0004005   , L0004006   , L0004007   , L0004008   , L0004009 , L0004010   , L0004011   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436090.44   3711770.60   22.83892 (20110201)   436073.13   3711755.79   21.82370 (18070905)
        436055.83   3711740.98   21.99212 (20110201)   436038.52   3711726.17   21.63156 (21041803)
        436021.21   3711711.36   22.85925 (17010423)   436003.90   3711696.56   23.28329 (21051024)
        435986.59   3711681.75   24.92665 (21051024)   435969.29   3711666.94   23.83739 (21021007)
        435951.98   3711652.13   23.56426 (21102222)   435830.82   3711548.47   19.78519 (21031807)
        435796.21   3711518.86   20.87163 (21101622)   437340.56   3712136.64   24.66515 (19071603)
        437343.73   3712231.85   23.82753 (19071603)   437298.49   3712229.04   25.71929 (21051802)
        437275.87   3712227.64   27.06796 (19120802)   437253.25   3712226.23   27.69783 (18101407)
        437230.64   3712224.83   27.66761 (18101407)   437208.02   3712223.42   27.88275 (19120802)
        437185.40   3712222.02   26.57287 (18112618)   437162.78   3712220.61   26.62912 (19110724)

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        437140.16   3712219.21       25.58755  (17010717)               437117.54
3712217.80       25.02324  (19072204)
        437094.92   3712216.40       24.60766  (21082303)               437072.31
3712214.99       25.05376  (17010717)
        437049.69   3712213.59       25.03042  (19082824)               437004.45
3712210.78       20.78190  (20091303)
        436959.21   3712207.97       17.45888  (17122021)               436936.59
3712206.57       17.17440  (20013021)
        436913.98   3712205.16       18.14587  (20092722)               436891.36
3712203.76       18.91137  (19021501)
        436868.74   3712202.35       20.36617  (18101318)               436846.12
3712200.95       20.04346  (21090703)
        436823.50   3712199.54       19.37246  (18101318)               436710.41
3712192.52       17.43924  (18121120)
        436687.79   3712191.11       17.42907  (17010818)               436665.17
3712189.71       17.28781  (20102107)
        436642.55   3712188.31       17.45039  (21030623)               436619.93
3712186.90       18.12095  (20050805)
        436597.31   3712185.50       18.08197  (19082324)               436574.70
3712184.09       18.33926  (17102803)
        436552.08   3712182.69       17.97186  (21020622)               436529.46
3712181.28       17.44569  (20050805)
        436506.84   3712179.88       17.61608  (20092306)               436484.22
3712178.47       16.40310  (19082324)
        436461.60   3712177.07       16.16238  (19071305)               436438.98
3712175.66       17.26673  (20100707)
        436399.15   3712159.53       15.99246  (21020405)               436381.93
3712144.79       15.77193  (21022422)
        436364.71   3712130.06       16.09783  (17071702)               436347.49
3712115.33       16.29207  (17011021)
        436330.27   3712100.59       16.61170  (19120420)               436313.05
3712085.86       16.90513  (20120918)
        436295.83   3712071.13       17.15147  (19120720)               436278.61
3712056.40       17.47062  (21010520)
        436261.39   3712041.66       17.63045  (19012619)               436244.17
3712026.93       18.31283  (20092402)
        436226.95   3712012.20       19.62958  (19110523)               436209.73
3711997.46       18.76615  (19112623)
        436192.51   3711982.73       19.01015  (21090705)               436175.29
3711968.00       19.25661  (21070203)
        436158.07   3711953.27       19.54697  (19120804)               436140.85
3711938.53       18.62301  (19110523)
        436123.63   3711923.80       18.12720  (19120422)               436106.41
3711909.07       18.71385  (17072506)
        436089.19   3711894.33       18.99118  (18011904)               436071.97
3711879.60       18.94164  (21122507)
        436054.75   3711864.87       19.22372  (17021906)               436037.53
3711850.14       19.26226  (21121802)
        436020.31   3711835.40       20.11803  (20011708)               436003.09
3711820.67       20.23614  (20011708)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE4 ***
INCLUDING SOURCE(S): L0003984 , L0003985
, L0003986 , L0003987 , L0003988 ,
L0003989 , L0003990 , L0003991 , L0003992 , L0003993
, L0003994 , L0003995 , L0003996 ,
L0003997 , L0003998 , L0003999 , L0004000 , L0004001
, L0004002 , L0004003 , L0004004 ,
L0004005 , L0004006 , L0004007 , L0004008 , L0004009
, L0004010 , L0004011 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436970.60	3710769.10	230.71120	(19021217)	436955.72	3710755.71	254.48119	(20050502)
436964.65	3710655.98	211.00296	(19022804)	437021.21	3710584.54	213.39269	(19072206)
437018.23	3710502.68	102.86288	(20120807)	437036.09	3710435.70	76.16731	(17011215)
437094.14	3710349.37	41.79146	(17021304)	437061.39	3710282.39	32.07811	(17120717)
437037.58	3710213.93	36.42049	(17120717)	437036.09	3710167.79	41.49851	(18121317)
437070.32	3710115.69	17.72898	(18110708)	437123.91			

3710072.53   14.03595 (19123021)
        437222.14   3710135.04   15.75523 (17022717)   437186.42
3710196.07   20.34406 (18110708)
        437176.00   3710245.18   25.10080 (18102017)   437195.35
3710271.98   29.16239 (19101817)
        437262.33   3710316.63   36.52019 (18120916)   437296.56
3710364.26   43.57709 (20020717)
        437295.07   3710425.28   55.73931 (19122116)   437305.49
3710466.96   58.26010 (21122216)
        437274.24   3710557.75   69.42476 (20101417)   437244.47
3710642.59   110.76822 (19060218)
        437260.84   3710791.43   84.88753 (21021217)   437210.23
3710813.76   109.92072 (21081203)
        437162.60   3710772.08   214.11200 (18052223)   437001.86
3710778.03   292.73296 (19120616)
        436979.53   3710783.99   221.72834 (19121220)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437003.71   3710828.00   88.49794 (21020622)   437026.67
3710827.15   87.73474 (19120616)
        437049.64   3710826.30   92.53257 (18111719)   437072.60
3710825.45   92.13294 (19082823)

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        437095.56   3710824.60       95.34497  (20082703)              437118.52
3710823.75       97.70427  (20082703)
        437141.49   3710822.90       97.62365  (18080424)              437164.45
3710822.05       97.38682  (20091123)
        437005.56   3710877.96      101.05492  (17071802)              437028.52
3710877.11       73.32271  (19120616)
        437051.48   3710876.26       74.89245  (18081703)              437074.45
3710875.41       76.16026  (19082823)
        437097.41   3710874.56       78.84122  (20082703)              437120.37
3710873.71       80.20442  (20082703)
        437143.34   3710872.86       79.60381  (20061102)              437166.30
3710872.01       79.62693  (18032921)
        437007.41   3710927.93      102.14822  (20070506)              437030.37
3710927.08       90.20769  (20091402)
        437053.33   3710926.23       62.58269  (20110222)              437076.30
3710925.38       64.59141  (17041123)
        437099.26   3710924.53       66.61595  (20082703)              437122.22
3710923.68       67.38793  (20052323)
        437145.19   3710922.83       67.10810  (20091922)              437168.15
3710921.98       66.85753  (18080424)
        437009.26   3710977.89       96.69065  (17102803)              437032.22
3710977.04       93.69677  (21090703)
        437055.18   3710976.19       64.24309  (20092722)              437078.15
3710975.34       55.16598  (18081703)
        437101.11   3710974.49       57.11074  (20110222)              437124.07
3710973.64       57.67993  (20052323)
        437147.04   3710972.79       57.65071  (20091922)              437170.00
3710971.94       57.52468  (20052323)
        437011.11   3711027.86       87.35033  (18061301)              437034.07
3711027.01       84.14701  (20050503)
        437057.03   3711026.16       58.27805  (18111719)              437080.00
3711025.31       47.88233  (17052803)
        437102.96   3711024.46       49.41504  (20110222)              437125.92
3711023.61       50.06513  (20052323)
        437148.88   3711022.76       50.18054  (20091922)              437171.85
3711021.91       50.23964  (18080424)
        437012.96   3711077.82       81.59585  (20050503)              437035.92
3711076.97       82.90800  (19063024)
        437058.88   3711076.12       75.69578  (21082303)              437081.85
3711075.27       68.90420  (20050503)
        437104.81   3711074.42       47.85980  (20082703)              437127.77
3711073.57       43.97150  (20052323)
        437150.73   3711072.72       44.18223  (20091922)              437173.70
3711071.87       44.18684  (21110320)
        437014.81   3711127.79       74.40147  (21090703)              437037.77
3711126.94       73.57659  (21121219)
        437060.73   3711126.09       74.72161  (21090703)              437083.70
3711125.24       74.74261  (17041302)
        437106.66   3711124.39       65.64258  (20121401)              437129.62
3711123.54       43.69855  (20070604)
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        437152.58   3711122.69       39.39645  (20091922)                437175.55
3711121.84       39.20684  (20061102)
        437016.66   3711177.76       68.62380  (19063024)                437039.62
3711176.91       66.52425  (19063024)
        437062.58   3711176.06       68.20995  (20091303)                437085.54
3711175.21       70.02956  (19082903)
        437108.51   3711174.36       62.69501  (20030604)                437131.47
3711173.51       50.44454  (21081606)
        437154.43   3711172.66       35.36283  (20091922)                437177.40
3711171.81       35.15223  (20061102)
        437018.51   3711227.72       63.74185  (19063024)                437041.47
3711226.87       60.12905  (19063024)
        437064.43   3711226.02       63.66068  (19082824)                437087.39
3711225.17       66.16972  (17041302)
        437110.36   3711224.32       62.60546  (21082303)                437133.32
3711223.47       53.46874  (19072204)
        437156.28   3711222.62       32.15571  (20091922)                437179.25
3711221.77       31.77434  (20061102)
        437020.36   3711277.69       57.52690  (19063024)                437043.32
3711276.84       55.31229  (19082903)
        437066.28   3711275.99       59.68858  (19082824)                437089.24
3711275.14       61.18773  (17041302)
        437112.21   3711274.29       58.51781  (20081206)                437135.17
3711273.44       52.19466  (20121401)
        437158.13   3711272.59       33.93009  (17010717)                437181.10
3711271.74       28.89356  (20091922)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 647
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                 INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                 L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                 L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	46.92226	(18101318)	437047.02	3711376.77	46.73866	(21090703)
437069.98	3711375.92	49.19620	(17041302)	437092.94	3711375.07	49.49842	(19082903)
437115.91	3711374.22	49.24361	(17041302)	437138.87	3711373.37	48.57572	(19072204)
437161.83	3711372.52	38.29279	(21081423)	437184.79	3711371.67	24.42843	(21081423)
437027.75	3711477.55	42.21532	(19082903)	437050.72	3711476.70	41.15390	(17041302)
437073.68	3711475.85	39.41839	(21090723)	437096.64	3711475.00	37.82893	(17052803)
437119.61	3711474.15	37.33776	(17041302)	437142.57	3711473.30	35.34970	(19072204)
437165.53	3711472.45	31.99270	(17052803)	437188.49	3711471.60	21.10205	(21081423)
437031.45	3711577.48	33.62441	(21113022)	437054.42	3711576.63	38.82931	(21091105)
437077.38	3711575.78	41.24298	(17041302)	437100.34	3711574.93	42.91661	(21061124)
437123.30	3711574.08	39.39338	(21061124)	437146.27	3711573.23	34.99852	(19072204)
437169.23	3711572.38	31.92154	(19082904)	437192.19	3711571.53	30.91963	(19072204)
437035.15	3711677.41	28.07648	(18061301)	437058.11	3711676.56	32.28992	(19082903)
437081.08	3711675.71	35.83090	(20081206)	437104.04	3711674.86	37.31410	(19082824)
437127.00	3711674.01	36.82241	(21082303)	437149.97	3711673.16	38.38339	(17010717)
437172.93	3711672.31	38.78107	(19110724)	437195.89	3711671.46	36.16252	(19082904)
437038.85	3711777.35	29.56920	(20050503)	437061.81	3711776.50	32.33540	(19082903)
437084.78	3711775.65	34.31700	(20081206)	437107.74	3711774.80	35.19484	(17010717)
437130.70	3711773.95	33.85625	(20030604)	437153.67	3711773.10	34.87274	(19072204)
437176.63	3711772.25	33.53126	(18092924)	437199.59	3711771.40	31.93431	(19082904)
437042.55	3711877.28	29.75067	(17041302)	437065.51	3711876.43	31.41670	(19082903)
437088.48	3711875.58	31.09846	(17010717)	437111.44	3711874.73	31.55816	(21082303)
437134.40	3711873.88	29.84412	(20030604)	437157.36			

3711873.03   28.92524 (19072204)
        437180.33   3711872.18   28.12623 (20081206)   437203.29
3711871.33   28.20958 (18092924)
        437046.25   3711977.21   26.92925 (21091105)   437069.21
3711976.36   27.71451 (17041302)
        437092.17   3711975.51   28.66200 (19092301)   437115.14
3711974.66   29.47444 (17010717)
        437138.10   3711973.81   28.58009 (20030604)   437161.06
3711972.96   28.25369 (19072204)
        437184.03   3711972.11   27.23211 (20030604)   437206.99
3711971.26   27.53306 (18112618)
        437049.95   3712077.14   23.84250 (19082903)   437072.91
3712076.29   24.68720 (17041302)
        437095.87   3712075.44   25.17290 (19092301)   437118.84
3712074.59   25.67621 (21082303)
        437141.80   3712073.74   24.81426 (20030604)   437164.76
3712072.89   27.22649 (17010717)
        437187.73   3712072.04   26.75518 (20092002)   437210.69
3712071.19   27.01434 (21051802)
        437053.65   3712177.07   22.69101 (19082903)   437076.61
3712176.22   23.29809 (19021501)
        437099.57   3712175.37   23.94791 (17010717)   437122.54
3712174.52   24.36730 (21082303)
        437145.50   3712173.67   24.07727 (20030604)   437168.46
3712172.82   25.10925 (17010717)
        437191.42   3712171.97   24.41191 (20092002)   437214.39
3712171.12   25.17971 (21091105)
        437057.35   3712277.00   21.47491 (19082903)   437080.31
3712276.15   21.99215 (17041302)
        437103.27   3712275.30   22.54673 (17010717)   437126.24
3712274.45   22.24367 (21082303)
        437149.20   3712273.60   22.48341 (20030604)   437172.16
3712272.75   23.46398 (19072204)
        437195.12   3712271.90   22.93214 (20092002)   437218.09
3712271.05   23.86365 (21091105)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                    INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                   L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                   L0004167   , L0004168   , L0004169   , L0004170   , L0004171

, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437177.30   3710851.39   85.17378 (20101722)   437096.75
3710847.33   87.25790 (20082703)
        437079.70   3710898.86   70.81901 (18081703)   437062.65
3710950.38   58.73227 (19082823)
        437045.60   3711001.90   79.46462 (21113022)   436965.04
3710997.84   89.27809 (20090502)
        436932.11   3711035.47   82.13425 (18051602)   436963.86
3711063.26   79.35184 (19071305)
        436899.18   3711073.10   72.67683 (21020622)   436930.94
3711100.89   68.20569 (19120806)
        436866.26   3711110.73   56.98530 (19082401)   436898.01
3711138.51   55.70340 (18051602)
        436833.33   3711148.35   50.25144 (21020622)   436865.08
3711176.14   49.06682 (19070105)
        436767.48   3711223.61   41.23022 (18051602)   436799.23
3711251.40   43.31465 (19082405)
        436701.62   3711298.86   38.34934 (20101803)   436733.38
3711326.65   35.55831 (20122222)
        436635.77   3711374.12   31.70525 (20120917)   436667.52
3711401.90   31.59750 (19120723)
        436569.92   3711449.37   29.15891 (21051023)   436601.67
3711477.16   27.45559 (17022002)
        436504.06   3711524.63   26.78205 (21121819)   436535.82
3711552.41   25.22013 (19070106)
        436438.21   3711599.88   25.44076 (20070405)   436469.96
3711627.67   23.70231 (19070106)
        436372.35   3711675.14   24.83958 (19110523)   436404.11
3711702.92   21.67444 (21070203)
        436306.50   3711750.39   21.94355 (20051605)   436338.25
3711778.18   21.31356 (20092402)
        436240.65   3711825.65   22.32258 (21120223)   436272.40
3711853.43   22.54594 (19110523)
        436174.79   3711900.90   18.83476 (17020908)   436206.55
3711928.69   19.21562 (20051605)
        437216.54   3710861.35   79.33344 (21092306)   437247.28
3710852.06   79.09852 (20112019)

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        437281.02   3710837.18      115.48131  (19071304)                437236.73
3710907.09       67.76982  (17031621)
        437208.99   3710910.77       67.81258  (20090402)                437157.06
3710894.91       73.87215  (18080424)
        437267.47   3710897.81       66.27292  (20112019)                437301.21
3710882.92      103.72172  (17093002)
        437254.14   3710953.20       58.36783  (19032701)                437220.85
3710957.62       58.36643  (20090402)
        437157.12   3710947.88       62.22955  (18080424)                437287.65
3710943.55       79.73651  (19071304)
        437321.39   3710928.67       89.78535  (19071304)                437275.11
3710998.84       50.61783  (19032701)
        437243.41   3711003.05       50.63627  (19032701)                437211.71
3711007.26       51.18953  (20101919)
        437151.01   3710997.98       53.54393  (20091922)                437307.83
3710989.30       74.35140  (17031621)
        437341.57   3710974.41       69.46718  (19071304)                437293.81
3711044.79       44.59616  (20101722)
        437259.14   3711049.39       44.92628  (19052501)                437224.47
3711053.99       45.20947  (20101919)
        437140.74   3711046.14       47.19080  (18092302)                437328.02
3711035.04       56.87816  (21052421)
        437361.76   3711020.16       46.84486  (21052421)                437314.69
3711090.44       39.56258  (19032701)
        437281.40   3711094.86       40.01162  (21112920)                437248.12
3711099.27       40.29232  (20010918)
        437214.83   3711103.69       40.54476  (20091123)                437134.46
3711096.16       41.65671  (20091922)
        437043.12   3711053.68       81.51063  (18101318)                437348.20
3711080.79       38.74660  (17031621)
        437381.94   3711065.90       38.57931  (20022307)                437333.86
3711136.32       35.61938  (19122918)
        437298.56   3711141.00       35.84447  (19052501)                437263.26
3711145.69       36.22470  (18080501)
        437227.95   3711150.37       36.50842  (20082305)                437192.65
3711155.06       36.42899  (20052323)
        437141.20   3711152.23       38.47537  (20082703)                437028.18
3711099.68       79.84850  (19063024)
        437368.38   3711126.53       34.80982  (18100501)                437402.12
3711111.65       34.83242  (20022307)
        437354.63   3711181.99       32.29331  (21052421)                437320.49
3711186.52       32.49688  (17031621)
        437286.35   3711191.05       32.69717  (19052501)                437252.21
3711195.58       32.97085  (19091403)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	32.84576	(17022801)	437118.57	3711194.65	60.17066	(18092924)
437024.88	3711151.08	71.59474	(19063024)	436993.66	3711136.56	69.09434	(19082003)
436962.43	3711122.04	70.06667	(21121219)	437388.57	3711172.28	31.52677	(21092306)
437422.31	3711157.39	32.01964	(20022307)	437374.05	3711227.83	31.21258	(19032701)
437338.39	3711232.57	29.88700	(17031621)	437302.72	3711237.30	29.74424	(18030724)
437267.06	3711242.03	29.99609	(20101722)	437231.40	3711246.76	30.01029	(20090402)
437195.73	3711251.50	30.19987	(21110320)	437125.93	3711251.01	56.48772	(19072204)
437028.06	3711205.50	64.20977	(20092722)	436995.44	3711190.33	64.82800	(20050503)
436962.82	3711175.16	60.82496	(19082003)	436930.20	3711159.99	56.72731	(19090606)
437408.75	3711218.02	28.66977	(21092306)	437442.49	3711203.14	37.11907	(20100624)
437394.73	3711273.51	31.41789	(21110819)	437360.06	3711278.11	32.82940	(19032701)
437325.38	3711282.71	27.32961	(19032701)	437290.71	3711287.32	27.54035	(20010918)
437256.04	3711291.92	27.76180	(20082305)	437221.37	3711296.52	27.61742	(18092302)
437186.69	3711301.12	27.46768	(20061102)	437152.02			

3711305.72 42.10758 (21081423)
437118.83 3711300.65 53.61221 (19092301) 437007.82
3711249.03 62.01147 (20092722)
436976.11 3711234.28 58.60659 (19082003) 436944.39
3711219.53 53.53103 (18101320)
436912.68 3711204.78 48.82195 (19090606) 437428.94
3711263.77 32.76861 (21073004)
437462.68 3711248.88 42.55989 (18052223) 437434.91
3711365.03 37.82068 (20060305)
437399.88 3711369.68 35.08835 (20092405) 437364.84
3711374.33 31.52799 (21090124)
437329.80 3711378.98 23.43325 (19083006) 437294.76
3711383.62 23.47736 (19091403)
437259.73 3711388.27 23.61606 (20090402) 437224.69
3711392.92 23.61969 (20061102)
437189.65 3711397.57 23.45501 (18080424) 437154.61
3711402.22 40.89787 (21111720)
437103.55 3711399.42 48.15135 (19082904) 437007.40
3711354.71 52.00803 (19063024)
436975.35 3711339.81 52.44904 (20050503) 436943.30
3711324.90 46.92571 (19082003)
436911.25 3711310.00 42.22096 (19070105) 436879.21
3711295.10 39.82755 (20012108)
436847.16 3711280.19 41.87338 (21020622) 437469.30
3711355.26 40.00319 (18122022)
437503.04 3711340.37 42.97888 (20050801) 437475.15
3711456.54 36.94548 (20050703)
437439.85 3711461.22 33.99931 (20080104) 437404.54
3711465.90 34.18574 (21021002)
437369.24 3711470.59 28.59269 (20051305) 437333.94
3711475.27 20.38680 (18080501)
437298.63 3711479.96 20.52771 (20072024) 437263.33
3711484.64 20.32084 (20052322)
437228.03 3711489.33 20.60093 (21110320) 437192.72
3711494.01 22.59884 (18092302)
437157.42 3711498.70 31.15263 (19120802) 437122.12
3711503.38 35.53743 (20121401)
437088.32 3711498.22 37.10063 (21090723) 437007.59
3711460.67 44.41849 (20091402)
436975.30 3711445.66 45.43512 (20092722) 436943.00
3711430.64 37.26579 (20120702)
436910.71 3711415.63 33.24212 (19021421) 436878.42
3711400.61 35.14860 (20070506)
436846.13 3711385.59 36.67946 (20050805) 436813.84
3711370.58 37.29909 (21121618)
436781.55 3711355.56 36.86246 (18101320) 437509.67
3711446.75 39.57807 (21021002)
437543.41 3711431.86 39.79549 (18122022) 437515.41
3711548.04 33.46484 (20050703)
437479.91 3711552.75 32.58004 (21041006) 437444.40

3711557.46   31.45719 (20102819)
        437408.90   3711562.17   31.69579 (17102724)   437373.39
3711566.88   24.57864 (20091401)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        437555.70   3711639.54       31.43120  (20080104)               437520.04
3711644.27       28.98931  (21090124)
        437484.38   3711649.00       28.88801  (20080104)               437448.71
3711653.74       28.56563  (19102119)
        437413.05   3711658.47       26.02285  (20092222)               437377.39
3711663.20       19.33468  (18080501)
        437341.72   3711667.93       16.05398  (20101919)               437306.06
3711672.67       22.35234  (21081403)
        437270.39   3711677.40       26.07689  (19050805)               437234.73
3711682.13       28.30780  (18081403)
        437109.91   3711698.70       36.76788  (17010717)               437009.00
3711673.09       27.16926  (21021604)
        436976.38   3711657.92       27.71517  (20091402)               436943.76
3711642.75       29.56611  (20050503)
        436911.14   3711627.58       28.04885  (19091402)               436878.52
3711612.41       27.16459  (20090502)
        436845.90   3711597.24       26.43200  (19082003)               436813.27
3711582.07       27.14200  (19120806)
        436780.65   3711566.90       30.40720  (21121618)               436748.03
3711551.73       30.14684  (21121618)
        436715.41   3711536.56       29.36546  (20101803)               436682.79
3711521.39       30.84363  (19082405)
        436650.17   3711506.22       27.70033  (20122222)               437590.40
3711629.73       32.71304  (21090401)
        437624.14   3711614.84       30.23903  (19120820)               437596.01
3711731.04       29.65448  (19082403)
        437560.21   3711735.79       28.40119  (21041006)               437524.42
3711740.54       27.40307  (20080104)
        437488.63   3711745.29       26.89181  (19100804)               437452.84
3711750.04       26.36936  (20092405)
        437417.05   3711754.79       22.45607  (19102119)               437381.26
3711759.54       17.89384  (17102724)
        437345.47   3711764.28       14.42267  (20082305)               437309.68
3711769.03       21.20207  (21051106)
        437273.88   3711773.78       22.72315  (21082304)               437238.09
3711778.53       24.94826  (18081403)
        437094.93   3711797.53       34.60068  (21061124)               437010.03
3711779.44       26.54739  (21090703)
        436977.29   3711764.22       24.50778  (20013021)               436944.55
3711749.00       26.36606  (18101318)
        436911.81   3711733.77       25.90059  (21113022)               436879.08
3711718.55       24.59778  (19091402)
        436846.34   3711703.32       24.98090  (18121120)               436813.60
3711688.10       24.84544  (19070105)
        436780.86   3711672.88       24.91885  (20050805)               436748.12
3711657.65       27.74230  (19082324)
        436715.38   3711642.43       27.37732  (21121618)               436682.65
3711627.20       26.00245  (18101320)
        436649.91   3711611.98       26.91480  (20100707)               436617.17
3711596.76       24.81103  (17010206)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	20.63312	(21082304)	437277.35	3711870.17	21.43067	(21082304)
437241.46	3711874.93	25.63419	(19072204)	437061.98	3711898.75	30.77080	(19082903)
437011.19	3711885.86	25.46090	(21113022)	436978.36	3711870.59	23.48939	(20092722)
436945.52	3711855.33	25.26673	(20092722)	436912.69	3711840.06	24.31418	(18101318)
436879.85	3711824.79	23.62167	(20092523)	436847.02			

3711809.52 23.82222 (20091402)
436814.18 3711794.25 22.30261 (21121219) 436781.35
3711778.98 22.37374 (18121120)
436748.52 3711763.71 23.23726 (20050805) 436715.68
3711748.44 24.87629 (19090606)
436682.85 3711733.17 25.02332 (21121618) 436650.01
3711717.91 23.59962 (18101320)
436617.18 3711702.64 23.43821 (20100707) 436584.34
3711687.37 22.59010 (17020624)
436551.51 3711672.10 22.49210 (20020821) 436518.67
3711656.83 22.72260 (20101803)
437671.14 3711812.71 27.37830 (21073004) 437704.88
3711797.82 25.72643 (18122022)
437676.64 3711914.03 23.60755 (21073004) 437640.66
3711918.81 24.49498 (20050703)
437604.67 3711923.58 25.32547 (20080104) 437568.69
3711928.36 24.49248 (20080104)
437532.70 3711933.13 23.74075 (19102119) 437496.72
3711937.91 23.49407 (17102724)
437460.73 3711942.68 21.72729 (21051801) 437424.75
3711947.46 20.39449 (21051801)
437388.77 3711952.23 17.97236 (20080201) 437352.78
3711957.01 19.50817 (21081403)
437316.80 3711961.78 21.09948 (19091403) 437280.81
3711966.56 26.12007 (19050805)
437244.83 3711971.33 29.26009 (19072204) 437012.46
3711992.33 22.52742 (19082824)
436979.54 3711977.02 21.42930 (20013021) 436946.63
3711961.72 21.40071 (18101318)
436913.71 3711946.41 22.34762 (18101318) 436880.80
3711931.11 21.96490 (18101318)
436847.88 3711915.80 20.66449 (19091402) 436814.97
3711900.49 20.28448 (18121120)
436782.05 3711885.19 20.25121 (19082003) 436749.14
3711869.88 20.24342 (18101320)
436716.22 3711854.57 21.68233 (20050805) 436683.31
3711839.27 22.75897 (21060824)
436650.39 3711823.96 22.58807 (21121618) 436617.48
3711808.65 22.00684 (18101320)
436584.56 3711793.35 20.33517 (19071305) 436551.65
3711778.04 20.56424 (21020622)
436518.73 3711762.74 19.95824 (21020405) 436485.81
3711747.43 20.26225 (17071702)
436452.90 3711732.12 19.91107 (17020521) 437711.51
3711904.20 24.11813 (20092322)
437745.25 3711889.31 24.01952 (18122022) 437716.97
3712005.53 21.46981 (21073004)
437680.91 3712010.31 22.06799 (20080104) 437644.85
3712015.10 22.94585 (21041006)
437608.79 3712019.88 22.97316 (20080104) 437572.73

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
        436667.48   3711937.78       20.57932  (20090502)                436634.49
3711922.45       19.83447  (17071802)
        436601.51   3711907.11       19.48573  (20050805)                436568.53
3711891.77       19.14769  (18101320)
        436535.54   3711876.43       19.77671  (20100707)                436502.56
3711861.09       19.36415  (20122121)
        436469.57   3711845.76       19.53827  (17021904)                436436.59
3711830.42       19.91332  (19120420)
        436403.61   3711815.08       20.39067  (18021123)                436370.62
3711799.74       20.64982  (21010520)
        437751.87   3711995.69       21.36306  (20092322)                437785.61
3711980.81       22.61801  (18122022)
        437757.31   3712097.02       19.64390  (21073004)                437721.18
3712101.82       19.54349  (20050703)
        437685.06   3712106.61       19.51531  (21041006)                437648.94
3712111.40       19.37572  (20080104)
        437612.81   3712116.20       18.30990  (21021002)                437576.69
3712120.99       18.26010  (17102724)
        437540.56   3712125.78       20.05591  (17102724)                437504.44
3712130.58       19.95810  (17022801)
        437468.31   3712135.37       18.40020  (20091401)                437432.19
3712140.16       18.00508  (19011723)
        437396.07   3712144.96       17.22961  (20091506)                437359.94
3712149.75       19.88454  (21110820)
        437323.82   3712154.55       24.68649  (18112618)                437287.69
3712159.34       25.71156  (21020924)
        437251.57   3712164.13       26.01300  (18120724)                437034.82
3712192.89       21.01733  (21091105)
        436982.18   3712190.00       17.34741  (18061301)                436949.13
3712174.64       16.39839  (19121323)
        436916.09   3712159.27       17.97114  (19021501)                436883.05
3712143.91       19.45988  (20050503)
        436850.01   3712128.54       19.23843  (19052823)                436816.96
3712113.18       18.50560  (19091402)
        436783.92   3712097.81       17.35535  (20091402)                436750.88
3712082.45       16.98473  (17020801)
        436717.83   3712067.08       17.44066  (18121120)                436684.79
3712051.71       17.84316  (21030623)
        436651.75   3712036.35       18.66722  (20050805)                436618.71
3712020.98       19.34246  (21121618)
        436585.66   3712005.62       18.46545  (21121618)                436552.62
3711990.25       18.55888  (19082324)
        436519.58   3711974.89       18.95847  (17020308)                436486.53
3711959.52       19.54764  (19010318)
        436453.49   3711944.15       19.78074  (21020405)                436420.45
3711928.79       19.56785  (17042306)
        436387.41   3711913.42       20.14280  (20053122)                436354.36
3711898.06       19.73916  (17020521)
        436321.32   3711882.69       20.13729  (21010520)                437792.24
3712087.18       20.03499  (20092322)
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        437825.98   3712072.30       20.64147  (18122022)               437797.65
3712188.52       18.91699  (21073004)
        437761.47   3712193.32       18.46468  (20050703)               437725.29
3712198.12       18.26757  (17031621)
        437689.11   3712202.92       18.53933  (20012324)               437652.93
3712207.72       18.14390  (20080104)
        437616.75   3712212.52       17.71110  (19102119)               437580.57
3712217.32       17.80943  (19092304)
        437544.38   3712222.12       19.70712  (20080201)               437508.20
3712226.92       18.98688  (20112321)
        437472.02   3712231.73       17.90520  (20080201)               437435.84
3712236.53       18.16033  (19091403)
        437399.66   3712241.33       16.52104  (17022801)               437363.48
3712246.13       19.88302  (21051802)
        437327.30   3712250.93       24.66716  (19011723)               437291.12
3712255.73       25.23865  (18101407)
        437254.94   3712260.53       24.80317  (19120802)               437037.86
3712289.34       20.36790  (21091105)
        437001.68   3712294.14       17.14002  (20021803)               436967.04
3712288.84       16.90544  (20013021)
        436933.95   3712273.46       16.44880  (20013021)               436900.85
3712258.07       16.92412  (18101318)
        436867.76   3712242.68       17.81283  (20050503)               436834.67
3712227.29       17.62547  (19091402)
        436801.57   3712211.90       16.90324  (19091402)               436768.48
3712196.51       16.33504  (20091402)
        436735.38   3712181.12       16.30904  (17010708)               436702.29
3712165.73       16.46544  (17010708)
        436669.19   3712150.34       16.45862  (21120708)               436636.10
3712134.95       16.80173  (21030623)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 653
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	17.47653	(20090502)	436569.91	3712104.17	16.69047	(17071802)
436536.82	3712088.78	16.49991	(20050805)	436503.72	3712073.39	16.53813	(20101803)
436470.63	3712058.00	16.56039	(17020308)	436437.54	3712042.61	16.36894	(19010318)
436404.44	3712027.22	16.51595	(17020508)	436371.35	3712011.83	16.90893	(17021903)
436338.25	3711996.44	17.23652	(21012221)	436305.16	3711981.05	18.04006	(18021123)
436272.06	3711965.67	18.38704	(21010520)	436238.97	3711950.28	17.97246	(19012619)
437832.61	3712178.67	18.69650	(20092322)	437866.35	3712163.79	19.14058	(18122022)
437307.35	3710801.18	105.41770	(21081405)	437307.81	3710761.16	89.28468	(18071405)
437305.08	3710736.35	90.69502	(21122617)	437302.36	3710711.54	98.11060	(18121718)
437299.63	3710686.74	103.86364	(21010317)	437296.90	3710661.93	113.90060	(18052319)
437294.17	3710637.12	135.06492	(18052319)	437355.99	3710800.79	65.32467	(18121718)
437332.06	3710855.22	93.13423	(21081204)	437357.51	3710755.69	75.21337	(19022019)
437354.78	3710730.88	79.92321	(19022818)	437352.06	3710706.08	85.99816	(20022218)
437349.33	3710681.27	100.00840	(19020918)	437346.60	3710656.46	113.37083	(17022218)
437343.87	3710631.66	122.35976	(19020918)	437405.16	3710797.86	74.30342	(17012319)
437400.37	3710820.68	71.74042	(18021605)	437395.58	3710843.51	67.12391	(21122720)
437373.45	3710881.92	71.56013	(18071405)	437356.09	3710897.50	80.69735	(21081204)
437338.74	3710913.08	86.43119	(20082924)	437409.94	3710775.03	78.00183	(21010317)
437407.21	3710750.22	81.36103	(19022818)	437404.48	3710725.42	85.17585	(17091119)
437401.76	3710700.61	95.50056	(17032320)	437399.03	3710675.80	104.03858	(20031719)
437396.30	3710651.00	108.58703	(19020918)	437393.57			

3710626.19   111.57137 (17092618)
        437454.54   3710793.91   70.22517 (17022721)   437449.43
3710818.26   68.11842 (17010919)
        437444.33   3710842.61   66.71392 (19020818)   437439.22
3710866.96   64.28833 (18121718)
        437415.61   3710907.92   53.19744 (21082702)   437397.10
3710924.55   64.91692 (18071405)
        437378.59   3710941.17   74.02043 (21081204)   437360.08
3710957.79   67.47202 (18102705)
        437459.64   3710769.57   71.40924 (17111718)   437456.91
3710744.76   74.46452 (17021107)
        437454.18   3710719.95   81.33244 (18070106)   437451.46
3710695.15   85.64453 (21021018)
        437448.73   3710670.34   88.64844 (20102018)   437446.00
3710645.53   91.03135 (18121719)
        437443.27   3710620.73   95.23828 (18090719)   437504.78
3710785.84   64.82544 (18040619)
        437495.67   3710829.32   62.24684 (17021107)   437486.55
3710872.79   60.57042 (19050623)
        437460.91   3710931.11   50.75674 (17021118)   437427.86
3710960.79   54.42202 (18071405)
        437394.81   3710990.47   69.69267 (20082924)   437506.61
3710739.29   76.23208 (20031719)
        437503.88   3710714.49   79.11427 (20051320)   437501.16
3710689.68   81.32248 (18091102)
        437498.43   3710664.87   82.08953 (19122417)   437495.70
3710640.07   84.68253 (18090719)
        437492.97   3710615.26   86.24207 (18112917)   437554.26
3710781.46   66.19328 (17100320)
        437549.47   3710804.28   60.56485 (17021107)   437544.69
3710827.11   58.17281 (17091119)
        437539.90   3710849.94   57.22063 (17012118)   437535.11
3710872.76   55.56713 (21030919)
        437530.33   3710895.59   54.54622 (19051821)   437525.54
3710918.41   54.30875 (18011921)
        437503.41   3710956.82   51.26943 (21122720)   437486.05
3710972.40   49.53052 (18020618)
        437468.70   3710987.99   47.99097 (20090819)   437451.35
3711003.57   50.42439 (21022818)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155

```
, L0004156    , L0004157    , L0004158    ,
                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437434.00   3711019.15       59.21418  (18071405)               437416.65
3711034.74       64.07219  (20082924)
        437399.29   3711050.32       54.26080  (21021920)               437559.04
3710758.63       68.62129  (19091919)
        437556.31   3710733.83       71.05332  (18100918)               437553.59
3710709.02       72.36605  (20042921)
        437550.86   3710684.21       73.26612  (17092618)               437548.13
3710659.41       75.18502  (17032221)
        437545.40   3710634.60       75.54171  (20123124)               437542.67
3710609.79       76.99435  (20052619)
        437603.78   3710776.84       62.31845  (19091620)               437598.82
3710800.51       60.02812  (19091620)
        437593.85   3710824.18       55.89546  (21042619)               437588.89
3710847.85       51.66255  (17091119)
        437583.93   3710871.52       51.29169  (20102318)               437578.97
3710895.19       50.66381  (19092219)
        437574.00   3710918.86       49.72508  (21010317)               437569.04
3710942.54       49.60637  (19020818)
        437546.08   3710982.37       48.72434  (18110923)               437528.09
3710998.53       48.94780  (19051720)
        437510.09   3711014.69       48.12785  (19051720)               437492.10
3711030.85       47.55542  (18021605)
        437474.10   3711047.01       47.32773  (21022818)               437456.11
3711063.17       54.47739  (21081405)
        437438.11   3711079.33       59.76571  (20082924)               437420.12
3711095.49       51.58167  (20082924)
        437608.74   3710753.17       63.02338  (18100918)               437606.01
3710728.36       63.61154  (18091102)
        437603.29   3710703.55       64.39662  (18053119)               437600.56
3710678.75       65.56993  (17032221)
        437597.83   3710653.94       65.40584  (17032219)               437595.10
3710629.13       66.47092  (18123121)
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        437592.37   3710604.33       63.18038  (20052619)                437653.34
3710772.05       49.00214  (17032220)
        437648.23   3710796.40       44.71749  (19051923)                437643.13
3710820.74       44.28801  (18052319)
        437638.02   3710845.09       45.83732  (19051922)                437632.92
3710869.44       46.35657  (18122117)
        437627.82   3710893.79       46.14403  (19022101)                437622.71
3710918.13       46.46179  (19092219)
        437617.61   3710942.48       46.05360  (21102418)                437612.50
3710966.83       45.15574  (20042624)
        437588.89   3711007.80       45.13417  (19011717)                437570.38
3711024.42       45.34816  (20040220)
        437551.87   3711041.04       45.88386  (19050220)                437533.36
3711057.66       45.77156  (19050421)
        437514.85   3711074.28       45.56741  (18041822)                437496.34
3711090.91       45.63805  (17021105)
        437477.84   3711107.53       48.18925  (21081405)                437459.33
3711124.15       56.51217  (20082924)
        437440.82   3711140.77       49.74817  (20082924)                437658.44
3710747.70       52.50321  (21111717)
        437655.71   3710722.89       54.65858  (18022218)                437652.99
3710698.09       56.33782  (18092920)
        437650.26   3710673.28       56.25887  (18031405)                437647.53
3710648.47       57.15111  (18123121)
        437644.80   3710623.67       55.27496  (18031405)                437642.07
3710598.86       48.67562  (18093022)
        437703.36   3710765.06       26.85338  (18022218)                437698.57
3710787.89       28.43472  (19051921)
        437693.79   3710810.71       28.87432  (17030518)                437689.00
3710833.54       31.42450  (18052319)
        437684.22   3710856.36       34.47698  (19051921)                437679.43
3710879.19       39.40040  (18052319)
        437674.64   3710902.01       40.66204  (19021419)                437669.86
3710924.84       40.84691  (19020519)
        437665.07   3710947.67       42.16748  (19120917)                437660.29
3710970.49       42.74677  (19022818)
        437655.50   3710993.32       42.10264  (17010218)                437633.36
3711031.73       42.29579  (17010919)
        437616.01   3711047.31       42.21825  (18041904)                437598.66
3711062.89       42.64225  (19050220)
        437581.31   3711078.47       42.88138  (21122817)                437563.96
3711094.06       42.68247  (19050421)
        437546.60   3711109.64       42.59969  (20090819)                437529.25
3711125.22       42.08872  (17072004)
        437511.90   3711140.81       42.11918  (18022621)                437494.55
3711156.39       50.09821  (21082702)
        437477.20   3711171.97       52.52754  (20112420)                437459.84
3711187.55       48.45481  (19120820)
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

3711121.02 40.01680 (21091321)
437587.25 3711137.01 39.86054 (20090819) 437569.46
3711152.99 38.06639 (20032303)
437551.66 3711168.97 36.97374 (18071405) 437533.86
3711184.95 43.17237 (18071405)
437516.07 3711200.93 47.40391 (21081204) 437498.27
3711216.92 50.00289 (20112420)
437480.47 3711232.90 48.23708 (20112420) 437757.84
3710736.77 16.93210 (17030518)
437755.11 3710711.96 12.53351 (17012517) 437752.39
3710687.15 11.39346 (18041618)
437749.66 3710662.35 11.78728 (18041618) 437746.93
3710637.54 11.96127 (20020517)
437744.20 3710612.73 12.22779 (20020517) 437741.47
3710587.93 11.95513 (17012017)
437852.14 3710750.18 12.00522 (21101617) 437847.03
3710774.53 13.17426 (17050621)
437841.93 3710798.88 14.42065 (19021521) 437836.83
3710823.23 17.17383 (19021521)
437831.72 3710847.57 18.29184 (17012517) 437826.62
3710871.92 21.58555 (17030518)
437821.51 3710896.27 22.70582 (18052319) 437816.41
3710920.62 22.49265 (17101118)
437811.30 3710944.96 22.00548 (18051319) 437806.20
3710969.31 21.46244 (18051319)
437801.09 3710993.66 19.51390 (19051922) 437795.99
3711018.01 19.48987 (18052319)
437790.88 3711042.35 21.87607 (17122017) 437785.78
3711066.70 28.01006 (17122018)
437762.17 3711107.67 34.59656 (20041724) 437743.66
3711124.29 35.38090 (19050623)
437725.15 3711140.91 35.26978 (18052003) 437706.64
3711157.53 35.24226 (21100518)
437688.13 3711174.16 34.21346 (17031319) 437669.62
3711190.78 31.97155 (18020618)
437651.11 3711207.40 30.67096 (20090819) 437632.60
3711224.02 30.33733 (19012018)
437614.10 3711240.64 31.88155 (21022818) 437595.59
3711257.26 34.18962 (18071405)
437577.08 3711273.89 38.83364 (18071405) 437558.57
3711290.51 42.53367 (20082924)
437540.06 3711307.13 44.13145 (20112420) 437521.55
3711323.75 44.57271 (19120820)
437857.24 3710725.84 8.57366 (17012517) 437854.52
3710701.03 8.68277 (19020503)
437851.79 3710676.22 8.89259 (18041618) 437849.06
3710651.42 9.00567 (20020517)
437846.33 3710626.61 9.14712 (20020517) 437843.60
3710601.80 9.09372 (20020517)
437840.87 3710577.00 8.81799 (17012017) 437951.68

3710738.57   7.82143 (17012517)
        437946.72   3710762.25   9.61132 (19020503)   437941.76
3710785.92   11.80602 (18041619)
        437936.79   3710809.59   12.44883 (17050621)   437931.83
3710833.26   13.39940 (19021521)
        437926.87   3710856.93   14.79875 (19022102)   437921.91
3710880.60   17.46958 (19020522)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        437777.34   3711221.78       31.57583  (18110923)               437759.35
3711237.94       31.71191  (21032521)
        437741.35   3711254.10       31.64403  (19051720)               437723.36
3711270.26       31.66016  (19051720)
        437705.36   3711286.42       31.65301  (20090819)               437687.37
3711302.58       31.67032  (20090819)
        437669.37   3711318.74       31.60708  (20032303)               437651.38
3711334.90       31.75690  (19091922)
        437633.38   3711351.06       32.40504  (20012007)               437615.39
3711367.22       32.48322  (17021105)
        437597.39   3711383.38       35.95251  (18052223)               437579.40
3711399.54       38.62628  (19120820)
        437561.40   3711415.70       39.79386  (21081204)               437956.64
3710714.90        6.84657  (18041618)
        437953.92   3710690.10        6.92284  (18041618)               437951.19
3710665.29        7.01271  (20020517)
        437948.46   3710640.48        6.72742  (18041618)               437945.73
3710615.68        7.04257  (20020517)
        437943.00   3710590.87        6.86894  (20020517)               437940.27
3710566.06        6.57382  (20020517)
        438050.94   3710728.32       11.65451  (20032618)               438045.84
3710752.67       12.46692  (21030818)
        438040.73   3710777.01       10.70176  (18022218)               438035.63
3710801.36        9.61110  (19020503)
        438030.52   3710825.71       11.11033  (17030518)               438025.42
3710850.06       13.24593  (17012517)
        438020.31   3710874.40       15.05364  (17012517)               438015.21
3710898.75       16.86410  (17030518)
        438010.10   3710923.10       17.38311  (17030518)               438005.00
3710947.45       17.77528  (19051921)
        437999.90   3710971.79       18.20757  (17032019)               437994.79
3710996.14       17.62813  (18052319)
        437989.69   3711020.49       17.44614  (18011920)               437984.58
3711044.84       17.19196  (19051922)
        437979.48   3711069.18       16.47158  (18051319)               437974.37
3711093.53       15.42190  (19051922)
        437969.27   3711117.88       14.71326  (18051319)               437964.16
3711142.23       14.28921  (20022218)
        437959.06   3711166.57       13.93850  (19120917)               437935.45
3711207.54       15.60783  (21010317)
        437916.94   3711224.16       20.49022  (17010919)               437898.43
3711240.79       25.73651  (20021819)
        437879.92   3711257.41       28.24553  (19011717)               437861.41
3711274.03       28.76404  (19073021)
        437842.90   3711290.65       28.63877  (21032521)               437824.39
3711307.27       28.61575  (20081322)
        437805.88   3711323.89       28.76356  (19051720)               437787.37
3711340.52       28.85385  (19050220)
        437768.87   3711357.14       28.81049  (19050421)               437750.36
3711373.76       28.85355  (18040424)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438145.46	3710740.67	21.21939	(19051619)	438140.46	3710764.49	16.64874	(21042719)
438135.47	3710788.31	10.73186	(21030818)	438130.48	3710812.13	10.07713	(19051920)
438125.48	3710835.95	13.70165	(20080719)	438120.49			

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3710859.77       14.52006  (20030118)
        438115.50   3710883.58       14.85559  (18060620)                438110.50
3710907.40       15.17853  (18060620)
        438105.51   3710931.22       15.87076  (18021903)                438100.52
3710955.04       16.02655  (20110817)
        438095.52   3710978.86       15.98225  (19040619)                438090.53
3711002.67       16.23598  (19051921)
        438085.54   3711026.49       16.59723  (17032019)                438080.54
3711050.31       16.28500  (18052319)
        438075.55   3711074.13       15.63828  (19051922)                438070.55
3711097.95       15.32285  (19051922)
        438065.56   3711121.77       14.88460  (18051319)                438060.57
3711145.58       13.96157  (19051922)
        438055.57   3711169.40       13.12130  (17122017)                438050.58
3711193.22       12.91735  (18052319)
        438045.59   3711217.04       12.85540  (19022101)                438022.49
3711257.12       13.40448  (19022101)
        438004.38   3711273.38       13.79377  (20011317)                437986.27
3711289.64       15.11133  (19022818)
        437968.17   3711305.90       17.60759  (21010317)                437950.06
3711322.16       22.30384  (17012319)
        437931.95   3711338.42       25.00811  (17012319)                437913.85
3711354.68       25.92386  (18041904)
        437895.74   3711370.94       26.03627  (21100518)                437877.64
3711387.20       26.22758  (20011619)
        437859.53   3711403.46       26.41054  (19051720)                437841.42
3711419.72       26.25554  (21021319)
        437823.32   3711435.98       26.21246  (19090420)                437805.21
3711452.24       26.23956  (18091920)
        437787.10   3711468.50       26.18591  (18050722)                437769.00
3711484.76       25.98821  (17070722)
        437750.89   3711501.02       25.84366  (20042621)                437732.78
3711517.28       26.60172  (18022621)
        437714.68   3711533.54       26.66015  (21082702)                437696.57
3711549.80       27.50808  (20082924)
        437678.46   3711566.06       28.87887  (21082702)                437660.36
3711582.32       29.85910  (21081204)
        437642.25   3711598.58       29.53448  (21081204)                438155.45
3710693.04       28.43771  (18093022)
        438152.72   3710668.23       30.50434  (18041206)                438149.99
3710643.42       31.14814  (18061320)
        438147.26   3710618.62       29.97656  (19051919)                438144.53
3710593.81       24.34982  (19030918)
        438141.80   3710569.00       20.80963  (19012101)                438139.08
3710544.20       18.55813  (19051919)
        438249.74   3710706.45       26.90082  (20012607)                438244.64
3710730.80       28.24245  (21010117)
        438239.53   3710755.15       29.42464  (18112919)                438234.43
3710779.50       28.83798  (18093022)
        438229.32   3710803.84       26.43598  (18090719)                438224.22
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3710828.19   22.18826 (19021521)
        438219.11   3710852.54   16.81693 (19122417)   438214.01
3710876.89   9.41312 (19040418)
        438208.91   3710901.23   12.92031 (20030118)   438203.80
3710925.58   14.40371 (17092618)
        438198.70   3710949.93   15.01143 (18060620)   438193.59
3710974.28   15.52435 (17122019)
        438188.49   3710998.62   15.91442 (19021521)   438183.38
3711022.97   16.18834 (17122019)
        438178.28   3711047.32   15.99451 (19040619)   438173.17
3711071.67   15.71543 (19051922)
        438168.07   3711096.01   15.50093 (19051922)   438162.96
3711120.36   15.24183 (19051921)
        438157.86   3711144.71   14.87364 (19020503)   438152.76
3711169.06   14.69193 (21031521)
        438147.65   3711193.40   14.16341 (19051921)   438142.55
3711217.75   13.15354 (19051922)
        438137.44   3711242.10   12.67821 (18052319)   438132.34
3711266.45   12.25505 (18122502)
        438108.72   3711307.41   12.57563 (18021901)   438090.22
3711324.04   13.36672 (21012218)
        438071.71   3711340.66   15.00914 (17122018)   438053.20
3711357.28   16.67828 (17010218)
        438034.69   3711373.90   19.38890 (19122917)   438016.18
3711390.52   22.60323 (19020818)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437997.67	3711407.14	23.65639	(19011717)	437979.16	3711423.77	23.82714	(18041904)
437960.65	3711440.39	23.93011	(18041904)	437942.14	3711457.01	24.13995	(21032521)
437923.64	3711473.63	24.21932	(21123118)	437905.13	3711490.25	24.10352	(21031019)
437886.62	3711506.87	24.13181	(19050421)	437868.11	3711523.50	24.10203	(18040424)
437849.60	3711540.12	23.91604	(21122817)	437831.09	3711556.74	23.74506	(20032303)
437812.58	3711573.36	23.46320	(17070722)	437794.07	3711589.98	23.94682	(19091922)
437775.56	3711606.60	24.19480	(19012018)	437757.06	3711623.23	24.53137	(17021105)
437738.55	3711639.85	25.42122	(20112420)	437720.04	3711656.47	26.59651	(21082702)
437701.53	3711673.09	27.24675	(21090401)	437683.02	3711689.71	27.12371	(19071304)
438254.85	3710682.11	25.68598	(18052001)	438252.12	3710657.30	25.42776	(19041719)
438249.39	3710632.49	25.69114	(18020519)	438246.66	3710607.69	26.38244	(21082021)
438243.93	3710582.88	27.23658	(21062405)	438241.20	3710558.07	27.34186	(21072522)
438238.48	3710533.27	27.47477	(17073105)	438349.23	3710695.09	22.95002	(17010518)
438344.22	3710719.00	22.76237	(18100919)	438339.21	3710742.91	23.01972	(20020818)
438334.19	3710766.82	24.24811	(20123124)	438329.18	3710790.74	25.86475	(17052903)
438324.17	3710814.65	26.48687	(17032223)	438319.15	3710838.56	26.33544	(17092720)
438314.14	3710862.47	24.85978	(17032219)	438309.13	3710886.39	23.52776	(17041804)
438304.11	3710910.30	21.44967	(19050703)	438299.10	3710934.21	16.82183	(20030118)
438294.09	3710958.13	11.83289	(18060620)	438289.07	3710982.04	12.00626	(18060620)
438284.06	3711005.95	13.72782	(17122019)	438279.05	3711029.86	15.21380	(19021521)
438274.03	3711053.78	15.18217	(18021904)	438269.02	3711077.69	15.72811	(17032019)
438264.01	3711101.60	15.94211	(17032220)	438258.99	3711125.51	15.87545	(19051923)
438253.98	3711149.43	15.05793	(17022218)	438248.97	3711173.34	14.29886	(19051921)

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        438243.95   3711197.25       14.46476  (19020918)                438238.94
3711221.17       14.56076  (19020918)
        438233.93   3711245.08       13.63221  (17081019)                438228.91
3711268.99       11.82262  (19051921)
        438223.90   3711292.90       10.80121  (17122018)                438218.89
3711316.82       11.14938  (19022101)
        438195.69   3711357.05       13.02312  (19021918)                438177.52
3711373.38       15.12383  (21010317)
        438159.34   3711389.70       17.89670  (21102418)                438141.16
3711406.03       19.54165  (20021618)
        438122.98   3711422.35       19.75095  (20021819)                438104.80
3711438.68       20.61688  (20021819)
        438086.62   3711455.00       21.23527  (19050623)                438068.45
3711471.33       21.29853  (17012319)
        438050.27   3711487.65       21.56045  (19073021)                438032.09
3711503.98       21.87764  (21092522)
        438013.91   3711520.30       22.07881  (21032521)                437995.73
3711536.63       22.11284  (21092522)
        437977.55   3711552.95       22.29656  (19090420)                437959.38
3711569.28       22.06424  (21052822)
        437941.20   3711585.60       21.98946  (18021605)                437923.02
3711601.93       21.92989  (20031520)
        437904.84   3711618.25       21.85941  (21122817)                437886.66
3711634.58       21.75550  (20031318)
        437868.48   3711650.90       21.54414  (17070722)                437850.31
3711667.23       21.87345  (20012007)
        437832.13   3711683.55       22.31889  (18022621)                437813.95
3711699.88       22.55415  (20082924)
        437795.77   3711716.20       23.46255  (21081405)                437777.59
3711732.53       24.70266  (18052223)
        437759.41   3711748.85       25.38472  (19120820)                437741.24
3711765.17       25.49207  (21090401)
        437723.06   3711781.50       25.65828  (21073004)                438354.25
3710671.17       23.80832  (18092919)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 659
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
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L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	24.40870	(17080121)	438348.79	3710621.56	25.06593	(18022306)
438346.06	3710596.75	26.09220	(21072522)	438343.33	3710571.95	26.21142	(18122506)
438340.61	3710547.14	26.31739	(21062405)	438337.88	3710522.33	26.56404	(20083106)
438448.54	3710684.59	23.99202	(19041719)	438443.44	3710708.94	23.10132	(18052001)
438438.33	3710733.28	22.22401	(21100424)	438433.23	3710757.63	21.38357	(21100424)
438428.12	3710781.98	21.49515	(20040803)	438423.02	3710806.33	21.49285	(20032619)
438417.92	3710830.67	22.17261	(18112917)	438412.81	3710855.02	23.23505	(18082321)
438407.71	3710879.37	24.26157	(21072621)	438402.60	3710903.72	24.44082	(21021019)
438397.50	3710928.06	24.84573	(17032219)	438392.39	3710952.41	24.31890	(17032219)
438387.29	3710976.76	23.34397	(17041804)	438382.18	3711001.11	19.08018	(19050703)
438377.08	3711025.45	11.06853	(18060620)	438371.97	3711049.80	11.97903	(20110817)
438366.87	3711074.15	13.36526	(19021521)	438361.77	3711098.50	13.43856	(17032019)
438356.66	3711122.84	13.43004	(17032220)	438351.56	3711147.19	14.84236	(19040619)
438346.45	3711171.54	15.27939	(17032019)	438341.35	3711195.89	14.33918	(17022218)
438336.24	3711220.23	13.19923	(19051921)	438331.14	3711244.58	12.78620	(21031521)
438326.03	3711268.93	12.56228	(19051921)	438320.93	3711293.28	12.31132	(17081019)
438315.83	3711317.62	12.02422	(19020522)	438310.72	3711341.97	12.09969	(18021901)
438305.62	3711366.32	11.56874	(19021918)	438282.00	3711407.29	13.07818	(19022818)
438263.49	3711423.91	15.59904	(19021419)	438244.98			

3711440.53   17.29252 (21102418)
        438226.48   3711457.15   17.89625 (19122917)   438207.97
3711473.77   18.15663 (20042624)
        438189.46   3711490.40   18.23496 (17010919)   438170.95
3711507.02   19.18199 (20021819)
        438152.44   3711523.64   19.72662 (19011717)   438133.93
3711540.26   19.37847 (21100518)
        438115.42   3711556.88   19.66316 (17012418)   438096.91
3711573.50   19.98703 (21100518)
        438078.41   3711590.13   20.20116 (21032521)   438059.90
3711606.75   20.36474 (21092522)
        438041.39   3711623.37   20.46801 (21040603)   438022.88
3711639.99   20.38114 (19051720)
        438004.37   3711656.61   20.41038 (19050421)   437985.86
3711673.23   20.28611 (20031520)
        437967.35   3711689.86   20.19989 (20031318)   437948.84
3711706.48   20.06132 (21121217)
        437930.33   3711723.10   19.94787 (17042223)   437911.83
3711739.72   19.91225 (19040621)
        437893.32   3711756.34   20.50324 (20012007)   437874.81
3711772.96   20.38648 (19012018)
        437856.30   3711789.58   20.89319 (21021418)   437837.79
3711806.21   22.17051 (20082924)
        437819.28   3711822.83   23.27010 (18052223)   437800.77
3711839.45   23.92555 (19120820)
        437782.26   3711856.07   23.72423 (21090401)   437763.75
3711872.69   23.40697 (21081204)
        438453.65   3710660.24   24.70817 (20042419)   438450.92
3710635.43   24.39451 (17080121)
        438448.19   3710610.63   23.92886 (19041719)   438445.46
3710585.82   24.25764 (20072119)
        438442.73   3710561.01   24.32046 (21082021)   438440.01
3710536.21   23.50764 (17073105)
        438437.28   3710511.40   23.09418 (20031118)   438548.02
3710673.29   22.92247 (18020519)
        438542.99   3710697.27   22.51580 (19041719)   438537.97
3710721.24   22.05117 (17010518)
        438532.94   3710745.22   21.27351 (20012607)   438527.91
3710769.20   20.44774 (18060621)
        438522.88   3710793.18   19.73528 (21010117)   438517.86
3710817.16   19.75035 (20040803)
        438512.83   3710841.14   19.70820 (17052903)   438507.80
3710865.12   19.76773 (18031719)

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***

INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438502.78	3710889.09	19.79210	(17070621)	438497.75	3710913.07	19.93988	(21062106)
438492.72	3710937.05	20.46360	(17022318)	438487.69	3710961.03	21.61879	(19122417)
438482.67	3710985.01	22.85192	(19050703)	438477.64	3711008.99	21.97645	(17041804)
438472.61	3711032.97	17.92051	(19050703)	438467.59	3711056.94	14.49990	(19051920)
438462.56	3711080.92	11.21323	(18060620)	438457.53	3711104.90	11.95306	(19020522)
438452.50	3711128.88	13.84175	(19040419)	438447.48	3711152.86	14.42563	(17020519)
438442.45	3711176.84	14.82325	(19040619)	438437.42	3711200.82	15.28467	(19051923)
438432.40	3711224.79	15.32971	(19051923)	438427.37	3711248.77	14.54775	(18022222)
438422.34	3711272.75	12.93380	(18011920)	438417.31	3711296.73	11.58167	(21031521)
438412.29	3711320.71	10.64837	(18051319)	438407.26	3711344.69	10.39087	(21031521)
438402.23	3711368.67	10.37217	(17081019)	438397.21	3711392.64	10.67062	(18021901)
438392.18	3711416.62	10.85785	(19022101)	438368.92	3711456.97	11.26056	(18021901)
438350.69	3711473.34	11.37344	(17021119)	438332.47	3711489.71	12.04491	(19021419)
438314.24	3711506.08	13.42478	(17122018)	438296.01	3711522.45	15.27857	(17012319)

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        438277.78   3711538.82       16.25827  (20042624)               438259.55
3711555.19       16.50307  (17010919)
        438241.32   3711571.56       17.18629  (20021819)               438223.09
3711587.93       17.52357  (20101718)
        438204.87   3711604.30       17.67805  (17012319)               438186.64
3711620.67       18.01964  (17012418)
        438168.41   3711637.04       18.40987  (20011318)               438150.18
3711653.41       18.81099  (20040220)
        438131.95   3711669.78       19.04047  (18020618)               438113.72
3711686.15       19.22078  (19051720)
        438095.50   3711702.52       19.30907  (19050220)               438077.27
3711718.89       19.20872  (21021319)
        438059.04   3711735.26       19.30606  (20061320)               438040.81
3711751.63       19.34852  (20031221)
        438022.58   3711768.00       19.26065  (20032303)               438004.35
3711784.37       19.20323  (21070106)
        437986.13   3711800.74       19.31695  (20052306)               437967.90
3711817.11       19.27181  (20052306)
        437949.67   3711833.48       19.31650  (20012007)               437931.44
3711849.85       19.47919  (17021024)
        437913.21   3711866.22       19.01370  (21090120)               437894.98
3711882.59       19.46161  (20012007)
        437876.75   3711898.96       20.42344  (21081204)               437858.53
3711915.33       21.61842  (18052223)
        437840.30   3711931.70       22.65801  (19120820)               437822.07
3711948.07       22.52725  (17093002)
        437803.84   3711964.44       22.13454  (21081204)               438553.05
3710649.31       21.80321  (19011720)
        438550.32   3710624.50       21.26520  (21092420)               438547.59
3710599.69       20.31428  (21031421)
        438544.86   3710574.89       19.44776  (21090924)               438542.13
3710550.08       19.00346  (20083106)
        438539.41   3710525.27       19.08668  (17040819)               438536.68
3710500.47       19.20521  (20031118)
        438647.34   3710662.72       18.79593  (19021618)               438642.24
3710687.07       19.79849  (18022306)
        438637.13   3710711.42       20.33890  (18092919)               438632.03
3710735.77       20.65478  (17010518)
        438626.93   3710760.11       20.64973  (18092919)               438621.82
3710784.46       20.22528  (21100424)
        438616.72   3710808.81       19.14495  (17072621)               438611.61
3710833.16       18.48928  (18112917)
        438606.51   3710857.50       18.14875  (20032619)               438601.40
3710881.85       18.11232  (18082321)
        438596.30   3710906.20       18.47827  (21062106)               438591.19
3710930.55       19.61045  (17032223)
        438586.09   3710954.89       21.17515  (21072621)               438580.99
3710979.24       21.28800  (18090719)
        438575.88   3711003.59       19.66214  (17022318)               438570.78
3711027.94       18.67059  (17032221)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	14.36357	(17092618)	438550.36	3711125.33	13.25117	(21111717)
438545.25	3711149.67	11.79269	(19021521)	438540.15	3711174.02	10.81645	(17032019)
438535.04	3711198.37	10.30015	(17032220)	438529.94	3711222.72	11.67037	(17032220)
438524.84	3711247.06	13.84483	(19051923)	438519.73	3711271.41	14.34304	(19051923)
438514.63	3711295.76	14.18549	(17101118)	438509.52	3711320.11	14.13491	(19051922)
438504.42	3711344.45	13.76970	(19051922)	438499.31	3711368.80	12.83458	(17081019)
438494.21	3711393.15	11.97982	(19020918)	438489.10	3711417.50	11.68807	(18122502)
438484.00	3711441.84	11.19113	(17021107)	438478.89	3711466.19	11.01719	(18021901)
438455.28	3711507.16	10.90486	(18021901)	438436.77	3711523.78	11.02346	(19022818)
438418.26	3711540.40	11.14515	(18122117)	438399.75			

3711557.02 11.26208 (18122117)
438381.25 3711573.65 12.52487 (21012218) 438362.74
3711590.27 14.84539 (20021618)
438344.23 3711606.89 16.10442 (19020818) 438325.72
3711623.51 16.71536 (17031123)
438307.21 3711640.13 17.02598 (20101718) 438288.70
3711656.75 17.20149 (19011717)
438270.19 3711673.38 16.84531 (21100518) 438251.68
3711690.00 16.90424 (18110923)
438233.17 3711706.62 17.10986 (21041420) 438214.67
3711723.24 17.34454 (17021106)
438196.16 3711739.86 17.55900 (19050220) 438177.65
3711756.48 17.82929 (19051720)
438159.14 3711773.11 17.98699 (19090420) 438140.63
3711789.73 17.93780 (20061320)
438122.12 3711806.35 18.13596 (19072504) 438103.61
3711822.97 18.11726 (20031221)
438085.10 3711839.59 18.02191 (20031520) 438066.60
3711856.21 18.02664 (18091920)
438048.09 3711872.84 17.95131 (17070722) 438029.58
3711889.46 18.10948 (20052306)
438011.07 3711906.08 17.89366 (17102823) 437992.56
3711922.70 18.33723 (20012007)
437974.05 3711939.32 17.96260 (21121217) 437955.54
3711955.94 17.97624 (20082924)
437937.03 3711972.57 18.76498 (21081405) 437918.52
3711989.19 19.92817 (21081204)
437900.02 3712005.81 20.68979 (18052223) 437881.51
3712022.43 21.25097 (19071602)
437863.00 3712039.05 21.45081 (20050801) 437844.49
3712055.67 21.07605 (21081204)
438652.45 3710638.38 18.20250 (21082021) 438649.72
3710613.57 17.91510 (21031719)
438646.99 3710588.76 17.72920 (21072522) 438644.26
3710563.96 17.65387 (20072119)
438641.54 3710539.15 17.57302 (17012318) 438638.81
3710514.34 17.79172 (17012021)
438636.08 3710489.54 17.64965 (21090924) 438746.81
3710651.47 16.47101 (19041719)
438741.77 3710675.50 16.72125 (18020519) 438736.74
3710699.52 17.44644 (18020519)
438731.70 3710723.55 17.72434 (18020519) 438726.66
3710747.58 18.01115 (17010518)
438721.62 3710771.61 18.89758 (18060621) 438716.59
3710795.63 19.03430 (21100424)
438711.55 3710819.66 18.70865 (18060621) 438706.51
3710843.69 18.10248 (17072621)
438701.48 3710867.71 17.57617 (18020521) 438696.44
3710891.74 17.35164 (18021902)
438691.40 3710915.77 17.64421 (21010117) 438686.36

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438630.95   3711204.09   12.95746 (21111717)   438625.92
3711228.12   12.54414 (21031519)
        438620.88   3711252.15   12.40096 (19040619)   438615.84
3711276.18   11.79698 (19040619)
        438610.80   3711300.20   9.81114 (19051922)   438605.77
3711324.23   9.08765 (18052319)
        438600.73   3711348.26   10.22915 (19020503)   438595.69
3711372.28   11.43035 (21031521)
        438590.65   3711396.31   12.08472 (18052319)   438585.62
3711420.34   11.86605 (17081019)

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        438580.58   3711444.37       11.18930  (19020918)              438575.54
3711468.39       10.16161  (18122502)
        438570.50   3711492.42        9.40333  (17081019)              438565.47
3711516.45        8.59708  (19020519)
        438542.16   3711556.88        8.86366  (18122717)              438523.90
3711573.28        9.34190  (18122502)
        438505.63   3711589.68       10.29503  (17021119)              438487.37
3711606.09       11.40610  (19021419)
        438469.10   3711622.49       12.96766  (21010317)              438450.84
3711638.89       14.72260  (20042624)
        438432.57   3711655.29       15.21430  (21030919)              438414.31
3711671.70       15.48660  (21010317)
        438396.04   3711688.10       16.00382  (21012218)              438377.78
3711704.50       16.55503  (19050623)
        438359.51   3711720.91       16.90858  (20041724)              438341.25
3711737.31       16.79138  (19073021)
        438322.98   3711753.71       16.79767  (17010218)              438304.71
3711770.12       16.90377  (20102520)
        438286.45   3711786.52       16.88228  (18041904)              438268.18
3711802.92       16.87139  (20011619)
        438249.92   3711819.32       16.96059  (17073002)              438231.65
3711835.73       17.06108  (19051720)
        438213.39   3711852.13       17.08249  (19050220)              438195.12
3711868.53       17.01947  (17021106)
        438176.86   3711884.94       17.01394  (19050421)              438158.59
3711901.34       17.02434  (18040424)
        438140.33   3711917.74       16.91747  (20031520)              438122.06
3711934.14       16.91597  (18091920)
        438103.80   3711950.55       16.82822  (20052306)              438085.53
3711966.95       16.99478  (20052306)
        438067.27   3711983.35       16.89551  (17070722)              438049.00
3711999.76       17.12012  (19040621)
        438030.73   3712016.16       16.86950  (21021418)              438012.47
3712032.56       16.84742  (20082924)
        437994.20   3712048.97       17.11760  (21021418)              437975.94
3712065.37       17.85773  (20082924)
        437957.67   3712081.77       18.41994  (21081204)              437939.41
3712098.17       18.48564  (19120820)
        437921.14   3712114.58       18.54365  (21090401)              437902.88
3712130.98       19.56670  (20050801)
        437884.61   3712147.38       19.68315  (21081204)              438751.85
3710627.44       16.31476  (20072119)
        438749.12   3710602.64       16.06233  (17021619)              438746.39
3710577.83       16.36721  (21062405)
        438743.66   3710553.02       16.09239  (20083106)              438740.94
3710528.22       16.44264  (17040819)
        438738.21   3710503.41       16.43633  (17012021)              438735.48
3710478.60       16.24625  (17021822)
        437306.53   3710616.73      145.30880  (19020918)              437313.98
3710595.52      146.16972  (17020519)
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        437321.42   3710574.31      145.10674  (19122417)                437361.16
3710612.07      116.40790  (17022218)
        437368.60   3710590.86      116.26231  (17022318)                437415.78
3710607.42      104.90069  (18042404)
        437433.19   3710708.81       85.68281  (19051620)                437480.37
3710725.37       79.53051  (18070106)
        437582.17   3710737.27       66.74626  (19020522)                437676.53
3710770.38       38.12841  (19020503)
        437683.97   3710749.17       38.22672  (19020522)                437716.27
3710808.14       26.91463  (17030518)
        437723.71   3710786.93       25.56484  (18011920)                438595.27
3711021.29       19.99454  (19030318)
        438674.75   3711096.83       19.44479  (18072123)                438682.19
3711075.62       19.13109  (20110703)
        437329.33   3710551.33      143.45679  (18021902)                437337.14
3710528.63      135.36517  (19051919)
        437344.96   3710505.93      124.17211  (18122503)                437352.77
3710483.23      113.56465  (21012006)
        437376.61   3710567.60      114.88206  (18093022)                437384.42
3710544.90      114.54993  (18122507)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 663
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437392.23   3710522.20      104.07124  (19012101)                437400.05
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3710499.51       92.58759  (19022103)
        437423.89   3710583.87      105.73122  (17022318)                437431.70
3710561.17      101.94569  (19051619)
        437439.51   3710538.48       95.92655  (21101617)                437447.32
3710515.78       81.84892  (18050919)
        437471.16   3710600.14       92.77231  (18112917)                437478.98
3710577.45       89.87241  (21010117)
        437486.79   3710554.75       76.93327  (21101617)                437494.60
3710532.05       47.33720  (18122506)
        437518.44   3710616.42       82.21114  (17041920)                437526.25
3710593.72       80.68542  (19051619)
        437534.07   3710571.02       71.85674  (21011517)                437541.88
3710548.33       48.29889  (18020519)
        437589.16   3710564.60       40.02273  (18020519)                437620.81
3710626.27       61.50554  (17040820)
        437723.18   3710636.11       12.82367  (20020517)                437770.46
3710652.39       11.12677  (18041618)
        437778.27   3710629.69       11.01671  (20020517)                437872.82
3710662.24        8.41869  (20020517)
        438345.60   3710824.97       25.82248  (18031719)                438432.34
3710880.21       23.55677  (21072621)
        438440.16   3710857.51       22.56498  (18031719)                438511.27
3710958.15       21.45088  (19051119)
        438519.09   3710935.45       19.98331  (18042404)                438526.90
3710912.76       19.20557  (17032223)
        438534.71   3710890.06       18.94380  (18090719)                438605.83
3710990.70       20.07104  (19092718)
        438613.64   3710968.00       20.75612  (17032219)                438621.46
3710945.30       20.02745  (17032223)
        438629.27   3710922.61       18.83020  (17052903)                438692.57
3711045.94       18.42601  (19122417)
        438700.39   3711023.24       18.52181  (19080420)                438708.20
3711000.55       19.25642  (17022318)
        438716.01   3710977.85       18.33251  (17032223)                438723.82
3710955.15       17.74090  (18071924)
        437354.00   3710454.83      109.30072  (18122505)                437343.58
3710413.15      101.81935  (18021907)
        437401.68   3710461.64       81.77807  (21012006)                437397.29
3710421.87       80.00362  (19012105)
        437450.09   3710451.88       32.65832  (21122408)                437445.80
3710409.74       39.93038  (19123016)
        437498.70   3710437.39       25.77953  (21122408)                437497.06
3710475.25       23.45276  (20101417)
        437494.31   3710397.61       25.49176  (21012518)                437547.15
3710426.61       21.20933  (20101417)
        437545.39   3710467.18       19.43840  (21122408)                437543.64
3710507.75       20.45191  (19040618)
        437542.82   3710385.49       21.22609  (21012518)                437595.61
3710415.50       17.31118  (20101417)
        437593.77   3710458.10       16.64441  (19060218)                437591.92
```

3710500.70   14.65063 (19050518)
        437591.32   3710373.36   17.37159 (21012507)   437644.18
3710401.95   14.40431 (20101417)
        437642.46   3710441.71   13.16160 (20101417)   437640.74
3710481.47   11.67471 (20020517)
        437639.02   3710521.23   14.67209 (19040618)   437637.29
3710560.99   16.86531 (20020517)
        437639.83   3710361.23   14.72795 (19060218)   437692.65
3710390.60   12.07062 (19020517)
        437690.86   3710431.91   11.14459 (20101417)   437689.08
3710473.22   9.98400 (21021017)
        437687.29   3710514.53   11.42338 (19040618)   437685.50
3710555.84   13.92598 (20020517)
        437688.34   3710349.11   12.80772 (20101417)   437741.13
3710379.12   10.29457 (21012507)
        437739.29   3710421.72   9.55740 (20101417)   437737.44
3710464.32   8.68633 (21021017)
        437735.60   3710506.92   8.70339 (20083018)   437733.76
3710549.52   11.57515 (20020517)
        437736.84   3710336.98   10.97195 (20101417)   437789.68
3710365.98   9.05278 (20101417)
        437787.93   3710406.55   8.54087 (21012517)   437786.17
3710447.12   8.01058 (21021017)
        437784.41   3710487.69   7.33334 (20120708)   437782.66
3710528.26   8.79386 (19040618)
        437780.90   3710568.83   10.41705 (20020517)   437785.35
3710324.85   9.51752 (21012519)
        437886.65   3710342.74   7.10261 (19060218)   437884.81
3710385.34   6.90827 (19060218)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.97	3710427.94	6.04410	(21012517)	437881.12	3710470.54	5.73237	(17111808)
437879.28	3710513.14	5.89283	(20120708)	437877.43	3710555.74	7.50478	(19040618)
437875.59	3710598.34	8.29413	(20020517)	437882.37	3710300.60	7.49506	(19123016)
437983.68	3710318.11	5.57476	(21012519)	437981.87	3710359.96	5.54271	(21012507)
437980.06	3710401.82	5.11843	(19060218)	437978.25	3710443.67	4.68526	(19040518)
437976.44	3710485.52	4.72521	(17111808)	437974.63	3710527.37	4.84652	(20120708)
437972.81	3710569.23	6.08682	(20020517)	437971.00	3710611.08	6.58582	(20020517)
437979.38	3710276.35	20.46357	(19021721)	438080.71	3710293.59	31.82441	(18042019)
438078.92	3710334.89	26.96086	(18042019)	438077.13	3710376.20	13.83431	(18012017)
438075.35	3710417.51	3.92034	(17111808)	438073.56	3710458.82	3.95311	(17111808)
438071.77	3710500.13	3.96841	(21070806)	438069.98	3710541.44	4.09241	(19050518)
438068.19	3710582.75	4.99871	(20020517)	438076.39	3710252.09	31.76523	(17041419)
438177.70	3710269.98	28.77467	(19052001)	438175.85	3710312.58	27.87499	(17071123)
438174.01	3710355.18	28.55731	(17080201)	438172.16	3710397.78	28.92404	(18012004)
438170.32	3710440.38	26.87724	(19121517)	438168.48	3710482.98	25.45954	(17032224)
438166.63	3710525.58	23.83294	(21121417)	438164.79	3710568.18	24.88130	(17021619)
438173.41	3710227.84	28.66360	(20051220)	438274.72	3710245.46	24.18848	(18012018)
438272.90	3710287.54	24.61259	(17051120)	438271.08	3710329.61	25.57302	(17080201)
438269.26	3710371.68	26.58874	(19012023)	438267.44	3710413.76	25.99673	(21020919)
438265.62	3710455.83	25.72949	(19121517)	438263.79	3710497.90	25.58576	(17021822)
438261.97	3710539.98	25.92159	(17073105)	438270.42	3710203.58	23.37785	(17051120)

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        438371.75   3710221.00       22.67467  (18041622)               438369.94
3710262.65       23.60310  (21121420)
        438368.14   3710304.30       23.81896  (17032620)               438366.34
3710345.96       23.54520  (19022103)
        438364.53   3710387.61       23.54002  (17092423)               438362.73
3710429.26       24.25038  (18031507)
        438360.93   3710470.92       24.65521  (20051119)               438359.12
3710512.57       25.63682  (17040819)
        438367.44   3710179.33       22.24090  (20051220)               438468.74
3710197.22       21.94414  (21060123)
        438466.89   3710239.82       22.01362  (19101218)               438465.05
3710282.42       22.20729  (21012006)
        438463.21   3710325.02       22.63422  (21060920)               438461.36
3710367.62       22.15029  (20122117)
        438459.52   3710410.22       20.73304  (19040220)               438457.67
3710452.82       20.61049  (19051924)
        438455.83   3710495.42       21.46561  (20031118)               438464.45
3710155.08       21.98795  (17041419)
        438565.76   3710172.76       20.03022  (18011823)               438563.94
3710214.95       20.94032  (18042019)
        438562.11   3710257.15       20.71438  (19030223)               438560.28
3710299.34       20.95232  (18051006)
        438558.46   3710341.54       21.16982  (20062006)               438556.63
3710383.73       20.85454  (19022103)
        438554.80   3710425.92       20.34437  (19040220)               438552.98
3710468.12       19.12821  (20051119)
        438536.54   3710847.87       19.11073  (17052903)               438561.47
3710130.82       18.54393  (21121420)
        438662.78   3710148.34       17.12577  (17011819)               438660.97
3710190.19       18.02160  (21060123)
        438659.16   3710232.04       19.24113  (17071123)               438657.35
3710273.89       19.23917  (20062006)
        438655.54   3710315.75       18.28759  (18071902)               438653.73
3710357.60       17.91607  (18120117)
        438651.91   3710399.45       18.15798  (18122504)               438650.10
3710441.30       18.10830  (19051924)
        438631.99   3710859.83       17.97800  (18112919)               438658.48
3710106.57       17.31382  (21121420)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 665
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
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                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438759.78   3710124.46       15.76639  (17011819)               438757.94
3710167.06       15.72035  (18071401)
        438756.09   3710209.66       16.20424  (17080201)               438754.25
3710252.26       17.28732  (20062006)
        438752.41   3710294.86       17.35702  (18031507)               438750.56
3710337.46       16.88096  (19081302)
        438748.72   3710380.05       16.00589  (19012023)               438746.87
3710422.65       16.35426  (18052002)
        438728.43   3710848.65       17.71115  (17072621)               438726.59
3710891.25       16.87155  (18020521)
        438755.49   3710082.32       15.88479  (21121420)               437346.05
3710385.82       92.24921  (19021721)
        437396.03   3710387.04       81.39299  (18021907)               437446.52
3710367.92       45.74716  (18021907)
        437496.50   3710369.14       24.69019  (19060218)               437995.36
3710422.03        4.62393  (20120708)
        437996.35   3710381.35        5.11321  (19060218)               438094.83
3710444.81        3.80123  (21070806)
        438095.82   3710404.13       13.73348  (18012017)               438194.80
3710447.25       29.41610  (19121517)
        438195.80   3710406.57       28.75622  (20122117)               438294.77
3710449.69       26.75516  (19121418)
        438295.77   3710409.01       26.27423  (18033019)               438394.74
3710452.13       24.72472  (18033019)
        438395.74   3710411.45       24.26637  (19121418)               438494.71
3710454.57       19.47658  (19121418)
        438495.71   3710413.89       20.09227  (20051119)               438594.68
3710457.01       18.90366  (17012021)
        438595.68   3710416.33       19.90850  (19040220)               438694.65
3710459.46       16.64725  (20031118)
        438695.65   3710418.78       17.46324  (19040220)               438794.62
3710461.90       15.38893  (18122503)
        438795.62   3710421.22       15.45477  (17021822)               437341.85
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3710350.28       61.29416  (17042018)
        437325.75   3710319.20       70.37353  (21122216)                437302.93
3710287.45       72.05816  (19040118)
        437382.46   3710321.10       66.08782  (21120217)                437391.84
3710351.50       79.51325  (19021722)
        437366.35   3710290.02       53.79530  (19012817)                437343.53
3710258.27       54.71656  (18041718)
        437424.00   3710294.96       57.37055  (21012505)                437435.26
3710331.44       60.50764  (21012519)
        437406.96   3710260.84       41.62491  (19012817)                437384.14
3710229.09       42.77482  (17101217)
        437464.33   3710264.91       43.42926  (17012022)                437475.05
3710299.66       30.70181  (17042018)
        437485.78   3710334.40       24.82872  (21012519)                437447.56
3710231.67       33.06999  (19012817)
        437424.74   3710199.91       34.49349  (21122216)                437504.78
3710235.25       26.59569  (21012518)
        437515.21   3710269.03       20.38324  (21012519)                437525.64
3710302.81       20.19683  (21121415)
        437536.06   3710336.58       20.95402  (21012519)                437488.16
3710202.49       32.52513  (21022318)
        437465.34   3710170.73       27.80475  (18040818)                437545.80
3710207.42       17.59179  (17042018)
        437557.06   3710243.90       17.68866  (21012519)                437568.32
3710280.38       16.90218  (21121415)
        437579.58   3710316.86       17.62602  (19020617)                437528.76
3710173.31       22.63933  (21121718)
        437505.94   3710141.55       22.78551  (17101217)                437586.25
3710177.74       15.30258  (21012518)
        437597.20   3710213.20       15.36623  (21012519)                437608.14
3710248.67       14.60922  (19021722)
        437619.09   3710284.14       14.47718  (20101417)                437630.04
3710319.60       14.93703  (21012517)
        437569.37   3710144.13       17.42662  (19101917)                437546.55
3710112.37       18.77606  (17101217)
        437626.74   3710148.20       13.46079  (21012518)                437637.46
3710182.94       13.12993  (21012507)
        437648.19   3710217.68       12.96533  (19021722)                437658.91
3710252.42       12.83659  (19021722)
        437669.63   3710287.17       12.79717  (20101417)                437680.36
3710321.91       13.04773  (20101417)
        437609.97   3710114.95       14.39567  (19101917)                437587.15
3710083.19       15.79157  (17101217)
        437667.61   3710119.88       11.90289  (21122216)                437678.87
3710156.36       11.49532  (19040118)
        437690.13   3710192.84       11.44964  (19012817)                437701.39
3710229.32       11.52015  (19021722)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437712.65	3710265.80	10.99803	(19021722)	437723.91	3710302.28	11.27539	(20101417)
437650.57	3710085.77	12.22051	(21040418)	437627.75	3710054.01	13.69734	(21040418)
437708.10	3710090.35	10.35352	(21122216)	437719.14	3710126.11	10.15966	(19040118)
437730.18	3710161.88	10.12619	(19012817)	437741.22	3710197.64	9.99426	(21122408)
437752.26	3710233.41	10.12896	(19021722)	437763.30	3710269.17	9.77940	(20101417)
437774.33	3710304.94	9.80273	(20101417)	437691.17	3710056.59	10.54248	(21040418)
437668.35	3710024.83	11.98143	(21040418)	437789.42	3710032.35	8.03996	(21012519)
437800.68	3710068.83	7.96631	(19040118)	437811.94	3710105.31	7.91749	(19012817)
437823.20	3710141.79	7.79924	(21122408)	437834.46	3710178.27	8.23716	(21012517)
437845.71	3710214.75	8.14034	(19021722)	437856.97	3710251.23	7.67322	(20101417)
437772.38	3709998.23	7.89205	(19020617)	437749.56	3709966.48	9.38066	(21040418)
437870.70	3709974.25	6.75680	(21012519)	437882.13	3710011.26	9.94726	(18021918)

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        437893.55   3710048.27        8.87844  (19012105)              437904.97
3710085.28        8.33747  (18041219)
        437916.39   3710122.29       16.83749  (21012506)              437927.82
3710159.30       20.49966  (19051901)
        437939.24   3710196.30       20.52840  (19012103)              437950.66
3710233.31       19.48337  (21122603)
        437853.58   3709939.87        6.48137  (21040418)              437830.76
3709908.12        7.50140  (21040418)
        437951.76   3709915.40       11.04465  (21121817)              437962.88
3709951.43       12.47393  (17012022)
        437974.00   3709987.46       13.16067  (19012103)              437985.12
3710023.49       15.94070  (21012519)
        437996.24   3710059.52       17.62334  (21120217)              438007.36
3710095.55       18.62832  (21012507)
        438018.48   3710131.58       23.02980  (21020718)              438029.60
3710167.61       28.35345  (19021721)
        438040.72   3710203.64       31.76322  (18012018)              438051.84
3710239.67       31.99719  (20051319)
        438062.96   3710275.70       32.09332  (19012024)              437934.79
3709881.51        5.42552  (21121717)
        437911.97   3709849.76        5.92874  (18020117)              438033.03
3709857.27       10.40836  (21121817)
        438044.29   3709893.75       12.79707  (21022218)              438055.55
3709930.23       17.25523  (21121617)
        438066.81   3709966.71       23.63082  (17091322)              438078.07
3710003.19       25.36446  (17091322)
        438089.33   3710039.67       25.13993  (19021619)              438100.59
3710076.15       25.31873  (19021020)
        438111.85   3710112.63       29.23169  (17070620)              438123.11
3710149.11       30.16677  (19012106)
        438134.37   3710185.59       29.54297  (20051220)              438145.63
3710222.07       29.48982  (17041419)
        438156.88   3710258.55       28.96277  (21042420)              438015.99
3709823.15        5.11031  (21012518)
        437993.17   3709791.40        4.84519  (21121717)              438114.29
3709799.09       10.27450  (21121817)
        438125.67   3709835.94       11.77909  (17012022)              438137.04
3709872.79       13.36466  (21031522)
        438148.41   3709909.64       14.88118  (21031522)              438159.79
3709946.49       17.32621  (19012105)
        438171.16   3709983.34       19.44578  (21120119)              438182.53
3710020.19       20.03996  (21020718)
        438193.91   3710057.03       20.38387  (18030221)              438205.28
3710093.88       21.94613  (20032523)
        438216.65   3710130.73       23.16539  (18022419)              438228.02
3710167.58       23.22981  (19032719)
        438239.40   3710204.43       23.61466  (17012019)              438250.77
3710241.28       24.98981  (18041622)
        438284.89   3710351.82       25.20592  (17092423)              438097.20
3709764.79        9.03318  (21010417)
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	20.93336	(21040919)	438264.35	3709963.82	21.56745	(21012506)
438275.82	3710000.98	21.77303	(21110618)	438287.29	3710038.13	21.76188	(18032719)
438298.76	3710075.29	23.52541	(19032719)	438310.22	3710112.44	23.28154	(18012018)
438321.69	3710149.60	22.56080	(19040519)	438333.16	3710186.76	22.25351	(17051120)
438344.63	3710223.91	23.14773	(18012018)	438390.50	3710372.53	24.20528	(18012004)
438178.40	3709706.43	9.20238	(18021918)	438155.58	3709674.68	8.55464	(20121917)
438276.65	3709682.19	13.60936	(18120123)	438287.91	3709718.67	19.17582	(20011217)
438299.17	3709755.15	20.84557	(21121617)	438310.43			

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3709791.63       21.39661  (21062421)
        438321.68   3709828.11       22.41264  (21092707)                438332.94
3709864.59       22.64703  (20012118)
        438344.20   3709901.07       21.96969  (18041623)                438355.46
3709937.55       21.54946  (19032918)
        438366.72   3709974.03       21.45448  (17071421)                438377.98
3710010.51       21.40423  (20032520)
        438389.24   3710046.99       21.57841  (20032420)                438400.50
3710083.47       21.64007  (19032719)
        438411.76   3710119.95       22.64970  (21081321)                438423.02
3710156.43       22.97946  (18041622)
        438434.28   3710192.91       22.30120  (18041622)                438445.54
3710229.39       22.16022  (21060123)
        438484.94   3710357.07       22.29873  (20062006)                438259.61
3709648.07        9.90146  (21012505)
        438236.79   3709616.32        9.41417  (21010417)                438357.90
3709623.97       12.89889  (19120621)
        438369.24   3709660.74       12.64149  (21120217)                438380.59
3709697.50       14.13141  (21120419)
        438391.94   3709734.26       16.81933  (21120119)                438403.28
3709771.03       19.00040  (21021119)
        438414.63   3709807.79       20.96577  (21082419)                438425.97
3709844.55       20.69975  (21101718)
        438437.32   3709881.31       20.22269  (19040520)                438448.67
3709918.08       19.18301  (21110919)
        438460.01   3709954.84       18.70241  (20032523)                438471.36
3709991.60       18.72464  (18061306)
        438482.71   3710028.37       19.11443  (19090819)                438494.05
3710065.13       19.05252  (19121317)
        438505.40   3710101.89       19.15262  (17041419)                438516.75
3710138.65       19.80276  (21110918)
        438528.09   3710175.42       20.88812  (21042420)                438539.44
3710212.18       21.32153  (18042019)
        438573.48   3710322.47       20.44053  (17021821)                438584.83
3710359.23       20.17368  (18120117)
        438340.81   3709589.72       12.94473  (19120621)                438317.99
3709557.96       11.98934  (21120517)
        438439.14   3709565.74       17.30667  (18120123)                438450.56
3709602.75       17.50003  (20011217)
        438461.98   3709639.76       17.54775  (21121617)                438473.41
3709676.76       16.67955  (19022023)
        438484.83   3709713.77       15.72312  (17091322)                438496.25
3709750.78       16.70513  (20032521)
        438507.67   3709787.79       16.98202  (19021619)                438519.10
3709824.80       17.85337  (20032521)
        438530.52   3709861.81       19.24407  (20032523)                438541.94
3709898.82       19.65444  (21110618)
        438553.36   3709935.83       19.94618  (20032523)                438564.79
3709972.83       20.01783  (20032419)
        438576.21   3710009.84       20.15495  (19050119)                438587.63
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3710046.85   19.25231 (18112217)
        438599.05   3710083.86   18.16016 (21081321)   438610.47
3710120.87   17.66469 (17041419)
        438621.90   3710157.88   18.07036 (21110918)   438633.32
3710194.89   18.99142 (21060123)
        438679.01   3710342.92   17.44298 (19081302)   438690.43
3710379.93   17.12075 (19121418)
        438422.02   3709531.36   16.48880 (21120417)   438399.20
3709499.60   16.55631 (17110718)
        438520.38   3709507.49   17.03910 (20100919)   438531.87
3709544.71   17.19705 (21051722)
        438543.35   3709581.94   17.51407 (18101119)   438554.84
3709619.16   17.57197 (17041119)
        438566.33   3709656.39   17.66569 (21082419)   438577.82
3709693.61   18.23923 (17080305)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        438658.24   3709954.18       18.96007  (18122505)               438669.73
3709991.41       18.64115  (21092603)
        438681.22   3710028.63       18.43083  (18122505)               438692.71
3710065.86       18.24609  (19121317)
        438704.20   3710103.08       17.19549  (17062002)               438715.69
3710140.30       16.47452  (18011823)
        438727.18   3710177.53       16.22251  (19101218)               438773.13
3710326.43       17.00013  (18051006)
        438784.62   3710363.65       15.86019  (17081803)               438503.22
3709473.00       17.15796  (20041921)
        438480.40   3709441.24       17.00237  (18052505)               437273.32
3710263.86       76.18413  (20020717)
        437239.83   3710241.54       63.64775  (17010316)               437317.80
3710233.42       52.88734  (19122116)
        437284.31   3710211.10       49.95141  (17040418)               437250.82
3710188.77       46.22379  (19021117)
        437358.40   3710204.24       42.10094  (19122116)               437328.79
3710180.66       45.19013  (20041418)
        437295.30   3710158.33       37.67893  (17040418)               437386.13
3710162.64       33.78984  (17101217)
        437356.52   3710139.05       35.82416  (20041418)               437323.03
3710116.73       30.34900  (18120916)
        437413.87   3710121.04       27.65647  (17101217)               437439.60
3710145.88       29.28949  (18041718)
        437384.25   3710097.45       29.02661  (20041418)               437350.76
3710075.13       25.02215  (20101117)
        437441.60   3710079.43       23.32045  (20033118)               437467.34
3710104.28       24.55707  (19040118)
        437411.99   3710055.85       23.93899  (20041418)               437378.50
3710033.52       21.26411  (20101117)
        437469.33   3710037.83       20.11599  (20033118)               437495.07
3710062.68       21.19056  (17101217)
        437520.81   3710087.53       20.96267  (17101217)               437439.72
3710014.24       20.49359  (17040418)
        437406.23   3709991.92       18.29635  (20101117)               437497.07
3709996.23       17.53820  (20033118)
        437522.81   3710021.07       18.28580  (17101217)               437548.54
3710045.92       17.82826  (21020617)
        437467.45   3709972.64       17.89742  (17040418)               437433.96
3709950.31       15.90875  (20101117)
        437526.41   3709956.18       15.19953  (20033118)               437555.36
3709984.13       16.08106  (17101217)
        437584.32   3710012.08       15.72461  (21020617)               437495.19
3709931.04       15.77407  (17040418)
        437461.70   3709908.71       13.96103  (20101117)               437553.96
3709914.40       13.48723  (20033118)
        437582.56   3709942.01       14.07902  (17101217)               437611.16
3709969.62       13.54576  (19012717)
        437639.76   3709997.23       13.51763  (17101217)               437522.92
3709889.43       13.85595  (18020117)
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        437489.43   3709867.11       12.35243  (20101117)                437609.17
3709830.94       10.79985  (20033118)
        437637.25   3709858.05       10.96742  (17101217)                437665.33
3709885.16       10.98760  (19040118)
        437693.40   3709912.26       11.34435  (21020617)                437721.48
3709939.37       10.27574  (17101217)
        437578.39   3709806.23       10.76064  (18020117)                437544.90
3709783.90        9.85760  (20101117)
        437664.46   3709747.56        8.83168  (17040418)                437692.18
3709774.32        8.71015  (17101217)
        437719.89   3709801.08        8.77446  (18041718)                437747.61
3709827.84        8.49913  (21020617)
        437775.33   3709854.60        8.98659  (18040818)                437803.05
3709881.36        8.19923  (21040418)
        437633.86   3709723.02        8.56444  (18020117)                437600.37
3709700.69        8.04239  (20101117)
        437719.79   3709664.23        7.46393  (17040418)                437747.25
3709690.73        7.07423  (20041518)
        437774.70   3709717.24        7.49843  (20090918)                437802.15
3709743.74        7.38288  (19012717)
        437829.61   3709770.24        7.55838  (21020617)                437857.06
3709796.75        7.17913  (17101217)
        437884.52   3709823.25        6.74595  (21040418)                437689.32
3709639.81        6.95265  (18020117)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 669
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179

, L0004180   , L0004181   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438394.61	3709358.42	16.17454	(20052319)	438423.21	3709386.03	17.12820	(19032320)
438451.80	3709413.64	16.95785	(19052621)	438077.59	3709057.36	2.68639	(21011417)
438044.10	3709035.04	2.58827	(17012023)	437216.54	3710215.91	55.20341	(20020717)
437560.19	3710008.56	16.55200	(19040118)	437925.03	3709745.14	6.09810	(21040418)
438006.11	3709686.60	5.30287	(21040418)	437280.77	3710233.20	58.96903	(20041418)
437322.73	3710276.31	62.73777	(18040818)	437378.59	3710253.95	45.82750	(18040818)
437430.98	3710247.96	36.72121	(19012817)	437616.20	3710338.58	15.88831	(21012519)
437665.11	3710348.96	13.72000	(21012517)	437762.93	3710369.71	9.81581	(20101417)
437860.76	3710390.47	7.34356	(21012517)	437867.70	3710357.73	7.29259	(21012518)
437958.58	3710411.22	5.23590	(21021017)	437965.53	3710378.48	5.55836	(19060218)
438056.40	3710431.98	4.05433	(21070806)	437265.29	3710160.30	39.73488	(19021117)
437512.30	3710332.18	22.04473	(21122408)	437555.45	3710357.43	19.32642	(19060218)
437567.36	3710337.09	17.95240	(21012517)	437617.94	3710448.63	14.29598	(20101417)
437704.25	3710499.15	9.45308	(19040618)	437716.15	3710478.80	8.92672	(18021517)
437814.36	3710508.97	6.87119	(19040618)	437826.27	3710488.63	6.63356	(20120708)
437888.76	3710579.83	7.77189	(20020517)	437900.67	3710559.49	7.11217	(17012017)
437912.58	3710539.14	6.34089	(17012017)	437998.88	3710589.66	8.73812	(19030918)
438073.28	3710660.51	5.10940	(18041618)	438085.18	3710640.17	5.20817	(20020517)
437259.86	3710108.07	30.84265	(19021117)	437229.34	3710080.35	24.81099	(19101817)

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        437209.69   3710067.85       22.99736  (18102017)                437190.05
3710055.35       20.44435  (19123021)
        437170.40   3710042.85       19.72787  (17021304)                437150.75
3710030.35       19.16843  (19123020)
        437286.71   3710065.89       26.05664  (19021117)                437308.46
3710096.32       28.85353  (19021117)
        437256.18   3710038.17       21.80919  (20033118)                437236.54
3710025.67       19.03372  (18020717)
        437216.89   3710013.17       18.08077  (18102017)                437197.24
3710000.67       17.14284  (18021922)
        437177.60   3709988.16       16.49614  (17021304)                437315.72
3710026.75       22.46640  (19021117)
        437358.13   3710166.40       38.98590  (20020717)                437283.03
3709995.99       19.31884  (21020117)
        437263.38   3709983.49       16.60171  (18020717)                437243.73
3709970.98       15.61284  (20021019)
        437224.09   3709958.48       15.36713  (18021922)                437204.44
3709945.98       14.20754  (18122821)
        437341.95   3709983.70       19.64446  (19102017)                437407.20
3710151.47       31.84887  (17101217)
        437400.97   3710193.77       37.23316  (17101217)                437309.87
3709953.81       16.85488  (20082918)
        437290.22   3709941.30       14.85187  (19021117)                437270.58
3709928.80       13.86433  (18020717)
        437250.93   3709916.30       13.59387  (18021922)                437231.29
3709903.80       12.98268  (18090307)
        437368.45   3709941.03       17.42240  (17010316)                437440.96
3710042.47       23.71726  (20020717)
        437336.71   3709911.62       14.87711  (19021117)                437317.07
3709899.12       13.71925  (21020117)
        437297.42   3709886.62       12.28921  (17022120)                437277.77
3709874.12       11.93835  (20021019)
        437258.13   3709861.61       11.87292  (17123120)                437396.26
3709900.20       14.88496  (17010316)
        437474.58   3710009.75       19.77538  (20020717)                437507.20
3710108.94       22.33733  (17101217)
        437497.39   3710175.55       24.22737  (19012817)                437363.56
3709869.44       13.14798  (18102017)
        437343.91   3709856.94       12.29151  (20082918)                437324.26
3709844.44       11.03360  (19021117)
        437304.62   3709831.93       10.75189  (19101817)                437284.97
3709819.43       10.71620  (18102017)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 671
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	12.83249	(17010316)	437498.88	3709964.02	17.81555	(20020717)
437559.16	3710074.36	18.13472	(18040818)	437533.74	3710247.07	19.81209	(20041418)
437390.40	3709827.26	11.91502	(19021117)	437370.75	3709814.75	11.17142	(19021117)
437351.11	3709802.25	10.19890	(19021117)	437331.46	3709789.75	9.76415	(17021020)
437311.82	3709777.25	9.47417	(20021019)	437450.28	3709816.30	11.27827	(19021117)
437463.67	3709835.03	11.22300	(19101817)	437530.61	3709928.66	15.34491	(20020717)
437594.17	3710154.89	14.13624	(18041218)	437580.77	3710245.99	15.56275	(19021722)
437436.89	3709797.58	11.24002	(19102017)	437417.24	3709785.07	10.71047	(19021117)
437397.60	3709772.57	10.16294	(19021117)	437377.95	3709760.07	9.41046	(19021117)
437358.31	3709747.57	8.96828	(21020117)	437338.66	3709735.07	8.66198	(18021922)
437476.79	3709773.65	10.02457	(19021117)	437502.89	3709810.17	10.57328	(20101117)
437529.00	3709846.68	11.37028	(20101117)	437555.11	3709883.20	13.88159	(20041418)
437656.26	3710051.47	12.63187	(19012817)	437444.09	3709742.89	9.66040	(19021117)
437424.44	3709730.39	9.25858	(19021117)	437404.80	3709717.89	8.71975	(20082918)
437385.15	3709705.38	8.16515	(21020117)	437365.50			

3709692.88 8.07048 (17123120)
437503.38 3709731.11 8.82099 (18120916) 437528.97
3709766.91 9.46385 (20101117)
437580.16 3709838.51 11.77384 (20041418) 437605.75
3709874.31 11.33631 (17101217)
437631.35 3709910.11 11.95464 (18041718) 437656.94
3709945.91 12.59646 (21020617)
437682.54 3709981.71 11.51737 (17101217) 437692.11
3710126.37 10.86975 (18041718)
437679.29 3710213.44 11.44362 (19012817) 437470.93
3709700.71 8.74264 (19021117)
437451.29 3709688.21 8.45061 (19021117) 437431.64
3709675.70 8.00051 (19021117)
437411.99 3709663.20 7.72408 (17022120) 437392.35
3709650.70 7.37709 (20013118)
437557.32 3709647.10 7.25602 (19021117) 437583.43
3709683.62 7.77436 (20101117)
437635.64 3709756.65 9.59534 (17040418) 437661.74
3709793.17 9.01618 (20041518)
437687.85 3709829.69 9.79880 (20090918) 437713.96
3709866.20 9.54966 (21020617)
437740.06 3709902.72 9.87562 (17101217) 437766.17
3709939.24 9.02684 (21040418)
437792.28 3709975.75 7.55100 (18020117) 437788.99
3710105.04 8.07278 (21021017)
437782.45 3710149.45 8.16612 (19012817) 437775.92
3710193.86 9.46061 (19020617)
437524.62 3709616.34 7.22565 (19021117) 437504.97
3709603.84 7.08426 (19021117)
437485.33 3709591.34 6.82043 (19021117) 437465.68
3709578.84 6.59310 (17022120)
437446.04 3709566.33 6.43668 (20013118) 437611.20
3709563.00 6.04140 (19033118)
437624.44 3709581.52 6.15012 (19012717) 437637.68
3709600.05 6.48985 (20101117)
437690.65 3709674.14 8.04861 (18020117) 437703.89
3709692.66 7.82304 (17040418)
437717.13 3709711.18 7.50531 (20041518) 437730.38
3709729.71 7.82175 (17101217)
437743.62 3709748.23 8.28798 (17101217) 437756.86
3709766.75 8.10667 (18041718)
437770.10 3709785.28 8.04852 (19012717) 437783.35
3709803.80 8.10232 (21020617)
437796.59 3709822.32 8.49369 (17101217) 437809.83
3709840.84 8.11332 (17101217)
437823.07 3709859.37 7.79747 (21040418) 437836.32
3709877.89 7.53961 (21040418)
437862.80 3709914.94 6.20674 (18020117) 437876.04
3709933.46 6.14966 (19020617)
437889.29 3709951.98 6.34617 (21012519) 437899.21

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        437678.42   3709497.56        5.25654  (20101117)              437691.80
3709516.29        5.49227  (20101117)
        437745.36   3709591.20        6.59715  (18020117)              437758.74
3709609.92        6.68712  (17040418)
        437772.13   3709628.65        6.39083  (17040418)              437785.52
3709647.38        6.42454  (20041518)
        437798.91   3709666.10        6.83230  (17101217)              437812.30
3709684.83        6.59944  (19122116)
        437825.68   3709703.56        6.75814  (19040118)              437839.07
3709722.28        6.68074  (19122116)
        437852.46   3709741.01        6.96630  (21020617)              437865.85
3709759.74        7.12389  (17101217)
        437879.24   3709778.46        6.77825  (17101217)              437892.62
3709797.19        6.61663  (21040418)
        437906.01   3709815.92        6.41535  (21040418)              437959.56
3709890.82        6.89142  (21012520)
        437986.34   3709928.27       13.82219  (17012022)              437996.37
3709969.78       14.93438  (19021020)
        437979.62   3710083.65       17.62839  (21012519)              437976.26
3710106.42       18.33438  (17012020)
        437972.91   3710129.20       18.79691  (18021907)              437969.56
3710151.97       19.92511  (21012507)
        437966.21   3710174.75       19.85600  (21012507)              437962.86
3710197.52       19.30516  (20110821)
        437952.80   3710265.85       18.81452  (18122505)              437949.45
3710288.62        6.37278  (19123016)
        437946.10   3710311.40        6.27808  (21012519)              437942.74
3710334.17        6.15391  (19060218)
        437939.39   3710356.94        5.98506  (19020517)              437936.04
3710379.72        6.00845  (19060218)
        437932.69   3710402.49        5.83102  (19060218)              437929.34
3710425.27        5.33486  (21021017)
        437925.98   3710448.04        5.28523  (19060218)              437922.63
3710470.82        5.25331  (17111808)
        437919.28   3710493.59        5.33634  (20020517)              437915.93
3710516.37        5.45268  (20120708)
        437651.64   3709460.11        5.08106  (19033118)              437631.99
3709447.61        5.10289  (19021117)
        437612.35   3709435.11        5.09855  (18120916)              437592.70
3709422.60        5.16533  (17021020)
        437573.06   3709410.10        4.94936  (17022120)              437553.41
3709397.60        4.96254  (20013118)
        437718.83   3709394.63        4.40524  (19033118)              437732.33
3709413.52        4.52450  (20101117)
        437745.84   3709432.41        4.71062  (21011417)              437799.85
3709507.96        5.47677  (18020117)
        437813.35   3709526.85        5.55291  (20041418)              437826.86
3709545.74        5.45352  (18040818)
        437840.36   3709564.62        5.51087  (20041518)              437853.86
3709583.51        5.68262  (17101217)
```

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438083.42   3709904.61   15.45316 (19021722)   438093.54
3709946.47   22.00308 (20032521)
        438090.16   3709969.44   24.10885 (17091322)   438076.64
3710061.32   25.87314 (19021619)
        438073.26   3710084.29   26.57421 (19012103)   438069.88
3710107.26   28.45364 (18030221)
        438066.50   3710130.24   30.19700 (21020718)   438063.12
3710153.21   31.16534 (20032419)
        438059.74   3710176.18   32.08331 (17020718)   438042.83
3710291.03   32.36998 (18041622)
        438039.45   3710314.00   29.17034 (19012102)   438036.07

3710336.97 21.02530 (18012018)
438032.69 3710359.95 4.88157 (21012507) 438029.31
3710382.92 4.69019 (19060218)
438025.93 3710405.89 4.37621 (21021017) 438022.55
3710428.86 4.30367 (21070806)
438019.17 3710451.83 4.34952 (17111808) 438015.78
3710474.80 4.38551 (17111808)
438012.40 3710497.77 7.86957 (17012018) 438009.02
3710520.74 9.38024 (18122506)
438005.64 3710543.71 10.55124 (19030918) 438002.26
3710566.68 10.29825 (18050919)
437705.33 3709375.74 4.38293 (19033118) 437685.68
3709363.24 4.37195 (17021020)
437666.04 3709350.74 4.38090 (19021117) 437646.39
3709338.24 4.41289 (18120916)
437626.74 3709325.74 4.40953 (20020717) 437607.10
3709313.23 4.39548 (20013118)
437772.20 3709309.82 3.81635 (19033118) 437785.39
3709328.26 3.91796 (20101117)
437798.57 3709346.71 4.16236 (21011417) 437851.31
3709420.48 4.49819 (18020117)
437864.50 3709438.92 4.80935 (20033118) 437877.68
3709457.36 4.87206 (20020717)
437890.87 3709475.81 4.74534 (20041518) 437904.05
3709494.25 4.79905 (20041518)
437917.24 3709512.69 4.96211 (17101217) 437930.42
3709531.14 4.96472 (19122116)
437943.61 3709549.58 5.05017 (19122116) 437956.79
3709568.02 4.97904 (19040118)
437969.98 3709586.46 5.06540 (19122116) 437983.16
3709604.91 5.06135 (21020617)
437996.35 3709623.35 5.36979 (17101217) 438009.53
3709641.79 5.13487 (18040818)
438154.57 3709844.66 12.45804 (21031522) 438167.75
3709863.11 13.06577 (21022218)
438180.94 3709881.55 13.81618 (21031522) 438190.82
3709922.42 16.51749 (19011217)
438171.02 3710057.00 21.37264 (19012103) 438167.71
3710079.43 22.92707 (21110618)
438161.11 3710124.29 26.12674 (17012019) 438157.81
3710146.72 27.60190 (17012019)
438154.51 3710169.15 28.24615 (17012019) 438138.00
3710281.29 29.77994 (17032022)
438134.70 3710303.72 30.24208 (19052001) 438131.40
3710326.15 30.43288 (17080201)
438124.80 3710371.01 26.84815 (21060920) 438121.50
3710393.44 21.68508 (19012024)
438111.59 3710460.73 9.89807 (18041620) 438108.29
3710483.16 3.73195 (17111808)
438101.69 3710528.02 3.85767 (20120708) 438098.39

3710550.45   4.10049 (19050518)
        438095.09   3710572.88   4.60010 (20020517)   438088.49
3710617.74   5.05764 (20020517)
        437759.02   3709291.38   3.81172 (19033118)   437739.37
3709278.88   3.83168 (17021020)
        437719.72   3709266.37   3.92476 (17021020)   437700.08
3709253.87   3.83932 (18021418)
        437680.43   3709241.37   3.88348 (18120916)   437660.79
3709228.87   3.87360 (17010316)
        437826.00   3709225.61   3.48522 (17120117)   437839.29
3709244.21   3.48960 (17120117)
        437852.59   3709262.80   3.68348 (20082918)   437905.77
3709337.19   3.81733 (18020117)
        437919.06   3709355.78   4.16883 (20033118)   437932.36
3709374.38   4.20112 (20041418)
        437945.65   3709392.98   4.15384 (20041518)   437958.95
3709411.57   4.21058 (20041518)
        437972.24   3709430.17   4.22997 (20041518)   437985.54
3709448.77   4.35836 (19122116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437998.83   3709467.36   4.45591 (19102017)   438012.13
3709485.96   4.43682 (19012717)

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        438025.42   3709504.56        4.42008  (18040418)              438038.72
3709523.15        4.49368  (19122116)
        438052.01   3709541.75        4.51212  (21020617)              438131.78
3709653.33        8.14375  (21020218)
        438238.14   3709802.10       18.78024  (17030619)              438251.44
3709820.70       20.03164  (21031522)
        438264.73   3709839.29       20.57863  (21092618)              438278.03
3709857.89       21.63977  (21012506)
        438287.99   3709899.10       23.40671  (21051223)              438284.66
3709921.72       23.59527  (21020718)
        438281.34   3709944.34       23.34927  (21013018)              438264.69
3710057.42       20.46789  (17012019)
        438261.36   3710080.04       21.14747  (19050119)              438258.04
3710102.65       21.63447  (19032719)
        438254.71   3710125.27       22.58942  (19032719)              438251.38
3710147.88       23.02554  (19032719)
        438234.73   3710260.97       26.01131  (18021618)              438231.41
3710283.58       27.18032  (19101218)
        438228.08   3710306.20       27.65575  (20051221)              438224.75
3710328.82       27.39877  (17032620)
        438221.42   3710351.43       26.64471  (21040303)              438218.09
3710374.05       26.66424  (17021821)
        438201.45   3710487.13       29.44950  (20031118)              438198.12
3710509.75       29.47418  (17040819)
        438194.79   3710532.37       28.59759  (17040819)              438191.46
3710554.98       28.40437  (21082021)
        438188.13   3710577.60       28.78161  (21042522)              438184.80
3710600.21       30.43324  (21092420)
        438181.48   3710622.83       31.26900  (18052001)              438178.15
3710645.45       31.34366  (19041719)
        437812.70   3709207.01        3.46774  (17120117)              437793.06
3709194.51        3.45669  (17021020)
        437773.41   3709182.01        3.53703  (17021020)              437753.77
3709169.51        3.46687  (18021418)
        437734.12   3709157.00        3.50606  (18021418)              437714.47
3709144.50        3.48317  (20013118)
        437879.78   3709141.37        3.16726  (17120117)              437893.17
3709160.10        3.16338  (17120117)
        437906.55   3709178.83        3.20948  (20082918)              437946.72
3709235.01        3.33074  (21011417)
        437960.11   3709253.73        3.32713  (20041518)              437973.49
3709272.46        3.59081  (18020117)
        437986.88   3709291.19        3.57281  (20041518)              438000.27
3709309.91        3.65862  (20041518)
        438013.66   3709328.64        3.71607  (20041518)              438027.05
3709347.36        3.74326  (20041518)
        438040.43   3709366.09        3.86690  (19122116)              438053.82
3709384.82        3.96962  (19122116)
        438067.21   3709403.54        3.91865  (18041718)              438080.60
3709422.27        3.93878  (18040418)
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        438093.99   3709441.00        3.95825  (18040418)               438107.37
3709459.72        4.02475  (19122116)
        438134.15   3709497.18        4.08963  (18040818)               438214.48
3709609.54        9.40241  (21020218)
        438321.58   3709759.35       20.88136  (21092621)               438334.97
3709778.08       20.97602  (21062421)
        438348.36   3709796.80       21.52644  (21082419)               438361.74
3709815.53       21.77898  (17030619)
        438375.13   3709834.26       21.58694  (19011217)               438385.17
3709875.76       20.32012  (17072624)
        438381.82   3709898.53       20.14750  (19011217)               438378.46
3709921.31       20.24958  (18052520)
        438361.70   3710035.18       22.86289  (21100819)               438358.35
3710057.95       23.29379  (19050519)
        438355.00   3710080.73       23.89425  (20051120)               438351.65
3710103.50       24.00391  (19050519)
        438348.30   3710126.28       23.87028  (20051220)               438344.94
3710149.05       22.84910  (19050119)
        438328.18   3710262.93       23.74319  (17051120)               438324.83
3710285.70       23.71728  (20122117)
        438321.48   3710308.47       23.08251  (21060920)               438318.13
3710331.25       22.89980  (19030223)
        438314.78   3710354.02       23.46085  (19012024)               438311.43
3710376.80       23.88858  (21060920)
        438294.67   3710490.67       26.65652  (17021822)               438291.31
3710513.45       26.06443  (17012318)
        438287.96   3710536.22       26.12328  (17073105)               438284.61
3710559.00       25.58669  (21072522)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 675
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
```

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	25.20471	(21031421)	438277.91	3710604.55	24.78845	(21092420)
438274.55	3710627.32	24.43604	(19021618)	437866.39	3709122.65	3.16076	(17120117)
437846.74	3709110.14	3.12419	(17021020)	437827.10	3709097.64	3.16357	(17120117)
437807.45	3709085.14	3.15304	(18021418)	437787.81	3709072.64	3.19282	(18021418)
437768.16	3709060.14	3.15856	(20020717)	437933.55	3709057.12	2.89386	(17120117)
437947.01	3709075.96	2.88663	(17120117)	437960.48	3709094.79	2.87003	(17120117)
438000.88	3709151.31	3.03775	(21011417)	438014.35	3709170.15	2.97706	(21011417)
438027.82	3709188.98	3.09357	(18020117)	438041.29	3709207.82	3.16420	(20041518)
438054.75	3709226.66	3.24349	(20041518)	438068.22	3709245.50	3.27599	(18040818)
438081.69	3709264.34	3.33210	(19122116)	438095.16	3709283.17	3.46189	(19122116)
438108.62	3709302.01	3.51536	(17101217)	438122.09	3709320.85	3.42304	(19102017)
438135.56	3709339.69	3.47213	(18040418)	438149.03	3709358.53	3.51281	(18040418)
438162.50	3709377.36	3.50659	(19040118)	438283.70	3709546.91	9.88485	(21120417)
438310.64	3709584.58	11.22956	(21010417)	438418.38	3709735.29	14.73764	(17030619)
438431.85	3709754.12	16.21395	(17091322)	438445.32	3709772.96	18.01650	(17091322)
438458.78	3709791.80	19.19918	(21012506)	438472.25	3709810.64	19.72578	(21091820)
438482.35	3709852.39	20.86291	(18041623)	438478.97	3709875.30	20.50182	(18052520)
438475.60	3709898.21	19.95233	(17071421)	438472.23	3709921.12	19.29898	(20032520)
438458.74	3710012.76	18.90915	(20032420)	438455.37	3710035.67	19.27840	(18122505)
438452.00	3710058.58	19.41994	(21092603)	438448.63	3710081.49	19.54646	(19032719)
438445.26	3710104.40	20.34787	(21092603)	438441.88	3710127.31	21.78713	(18041601)
438425.02	3710241.86	22.35738	(19101218)	438421.65			

3710264.77   22.89764 (21121419)
        438418.28   3710287.68   23.07424 (21012006)   438414.91
3710310.59   23.55624 (21060920)
        438411.54   3710333.50   23.58922 (18012004)   438408.16
3710356.41   23.80221 (19012023)
        438387.93   3710493.87   25.02707 (20031118)   438384.56
3710516.78   25.09003 (17040819)
        438381.19   3710539.69   24.86474 (20083106)   438377.82
3710562.60   25.89044 (21082021)
        438374.45   3710585.51   25.77742 (17080121)   438371.07
3710608.42   25.58007 (19080520)
        437920.08   3709038.28   2.89126 (17120117)   437900.43
3709025.78   2.82427 (17021020)
        437880.79   3709013.28   2.90030 (17021020)   437861.14
3709000.77   2.88215 (19101817)
        437841.49   3708988.27   2.90823 (18021418)   437821.85
3708975.77   2.86596 (20082918)
        437987.30   3708972.85   2.61702 (20082918)   438000.84
3708991.78   2.59213 (17020419)
        438014.38   3709010.72   2.58561 (17020419)   438054.99
3709067.52   2.76633 (19101917)
        438068.52   3709086.46   2.72886 (21011417)   438082.06
3709105.39   2.73768 (17012023)
        438095.60   3709124.33   2.81921 (20041518)   438109.13
3709143.26   2.87261 (20041418)
        438122.67   3709162.19   2.89191 (17040418)   438136.21
3709181.13   3.00279 (19122116)
        438149.74   3709200.06   3.12593 (19122116)   438163.28
3709219.00   3.06110 (17101217)
        438176.82   3709237.93   3.17418 (19102017)   438190.35
3709256.87   3.08264 (18041718)
        438203.89   3709275.80   3.08561 (18040418)   438366.33
3709503.02   15.66415 (18010417)
        438379.87   3709521.95   15.37490 (20051222)   438393.40
3709540.89   16.03285 (17011318)
        438406.94   3709559.82   16.55478 (21120818)   438420.48
3709578.76   17.44351 (18120123)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163

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, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438501.70   3709692.36       17.05887  (21092618)               438515.23
3709711.30       17.07049  (21062421)
        438528.77   3709730.23       17.44549  (20032521)               438542.31
3709749.17       17.40385  (21051223)
        438555.84   3709768.10       17.05976  (21040919)               438569.38
3709787.04       16.81287  (21091820)
        438579.53   3709829.00       16.28484  (20032523)               438576.14
3709852.03       16.69722  (20032919)
        438572.75   3709875.06       17.58238  (21110618)               438569.36
3709898.08       18.53697  (21062420)
        438552.41   3710013.22       20.34234  (21120817)               438549.02
3710036.25       19.94378  (19090819)
        438545.64   3710059.28       19.55351  (18112217)               438542.25
3710082.30       19.14596  (17020718)
        438538.86   3710105.33       18.97449  (19121317)               438518.52
3710243.50       21.39340  (17032620)
        438515.13   3710266.53       21.38627  (18042019)               438511.74
3710289.55       21.66822  (17032620)
        438508.35   3710312.58       21.72612  (18031507)               438504.97
3710335.61       21.88373  (20062006)
        438498.19   3710381.66       21.43602  (17092423)               438481.24
3710496.80       20.18679  (17021619)
        438477.85   3710519.83       20.80869  (17073105)               438474.46
3710542.86       21.76321  (17073105)
        438471.07   3710565.89       22.47405  (21082021)               437973.77
3708953.91        2.63548  (17040418)
        437954.12   3708941.41        2.57964  (17123117)               437934.47
3708928.91        2.63507  (17021020)
        437914.83   3708916.41        2.61531  (17123117)               437895.18
3708903.91        2.65072  (18021418)
        437875.54   3708891.40        2.62160  (17120117)               438040.77
3708888.18        2.38797  (17020419)
        438054.09   3708906.81        2.38911  (17020419)               438067.41
3708925.44        2.38332  (17020419)
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        438080.73   3708944.07        2.40525  (17120117)                438094.05
3708962.70        2.41946  (17012023)
        438107.37   3708981.33        2.45834  (17012023)                438120.69
3708999.96        2.52131  (21011417)
        438134.01   3709018.60        2.51896  (17012023)                438147.33
3709037.23        2.51698  (20033118)
        438160.65   3709055.86        2.58079  (20041518)                438173.97
3709074.49        2.66793  (20041518)
        438187.29   3709093.12        2.69000  (19122116)                438200.61
3709111.75        3.29757  (20041418)
        438213.93   3709130.38        2.92129  (18040818)                438227.25
3709149.01        2.76154  (17101217)
        438240.57   3709167.64        2.76408  (19102017)                438253.89
3709186.27        2.75412  (18041718)
        438280.53   3709223.54        2.77967  (18040418)                438400.40
3709391.22       16.96838  (19032320)
        438413.72   3709409.85       17.16630  (19032320)                438427.04
3709428.48       17.12495  (17110718)
        438440.36   3709447.11       17.14364  (18052505)                438453.68
3709465.74       17.33477  (18031320)
        438467.00   3709484.37       17.30954  (19040521)                438480.32
3709503.00       17.51174  (17040119)
        438493.64   3709521.63       17.56862  (19032720)                438506.96
3709540.26       17.59408  (18120123)
        438573.56   3709633.42       17.45487  (21092621)                438600.20
3709670.68       17.83100  (21051223)
        438613.52   3709689.31       17.85694  (17091322)                438626.84
3709707.94       18.00089  (17091322)
        438640.16   3709726.57       17.75468  (17110218)                438653.48
3709745.21       17.91139  (18041623)
        438666.80   3709763.84       18.11208  (21120119)                438676.78
3709805.13       17.93295  (17041621)
        438673.45   3709827.78       17.70147  (17070620)                438670.11
3709850.44       16.95420  (17070620)
        438666.78   3709873.10       17.05046  (20032419)                438663.44
3709895.76       17.65118  (17070620)
        438646.77   3710009.05       19.06560  (20051120)                438643.43
3710031.71       19.03872  (19052004)
        438640.10   3710054.37       18.71032  (17020718)                438636.76
3710077.03       18.23835  (19121317)
        438633.43   3710099.69       17.42680  (20060219)                438616.75
3710212.98       19.84023  (19101218)
        438613.42   3710235.64       19.98337  (20122117)                438610.08
3710258.29       20.08368  (21040303)
        438606.75   3710280.95       19.93702  (19073121)                438603.41
3710303.61       19.52529  (18012004)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	19.61948	(17021821)	438590.07	3710394.25	19.89218	(19022103)
438576.73	3710484.88	18.70366	(17021822)	438573.40	3710507.54	18.78431	(17040819)
438570.06	3710530.20	18.54552	(17040819)	438566.73	3710552.85	18.50027	(21062405)
438027.45	3708869.55	2.37909	(17020419)	438007.81	3708857.05	2.38127	(17020419)
437988.16	3708844.54	2.40217	(17021020)	437968.52	3708832.04	2.41002	(17123117)
437948.87	3708819.54	2.41807	(17123117)	437929.22	3708807.04	2.43269	(17120117)
437106.84	3710028.10	21.77699	(17120717)	437074.68	3710047.98	25.02257	(20020421)
437056.82	3710062.36	25.51618	(19123020)	437038.96	3710076.75	48.74201	(18022521)
437080.24	3709987.33	20.29676	(21021802)	437138.10	3709977.84	17.08346	(18012901)
437043.32	3710009.03	28.25245	(18010318)	437025.46	3710023.42	48.62672	(17123119)
437007.60	3710037.81	59.67366	(18010606)	437046.97	3709949.12	17.88855	(21010103)
437081.27	3709935.94	17.46975	(21021802)	437133.34	3709927.41	15.59759	(18012901)
437168.89	3709936.69	14.60906	(19123021)	437011.96			

3709970.09 47.25075 (21122019)
436994.10 3709984.48 56.80790 (17011720) 436976.23
3709998.87 66.31156 (17011720)
437017.52 3709909.44 32.56512 (17020905) 437055.62
3709894.80 15.31223 (18012901)
437093.73 3709880.16 14.77467 (18012901) 437132.54
3709878.00 13.95516 (18012901)
437172.04 3709888.32 13.36896 (19123021) 436980.60
3709931.15 47.79131 (17011720)
436962.73 3709945.54 58.66076 (20121322) 436944.87
3709959.93 63.59324 (20021420)
436987.51 3709869.98 33.54856 (18122018) 437028.35
3709854.29 26.00166 (18011523)
437069.18 3709838.60 13.57109 (18012901) 437131.17
3709828.45 12.54495 (18012901)
437173.49 3709839.50 12.01159 (20021019) 437215.81
3709850.56 11.03697 (18122821)
436949.24 3709892.21 42.73160 (18010424) 436931.37
3709906.60 52.69157 (18011620)
436913.51 3709920.98 58.03103 (21120608) 436954.79
3709831.56 41.08085 (19013120)
436992.90 3709816.92 44.16848 (18120703) 437031.01
3709802.28 41.48583 (18120703)
437069.12 3709787.64 31.26094 (19021120) 437126.98
3709778.15 11.16737 (18110708)
437166.48 3709788.47 10.56131 (20021019) 437205.97
3709798.79 10.01519 (18021922)
437245.47 3709809.11 10.21156 (18020318) 436917.87
3709853.27 42.52481 (21121021)
436900.01 3709867.66 45.03950 (17011620) 436882.15
3709882.04 52.19068 (21020205)
436924.38 3709792.25 48.22943 (18010119) 436964.40
3709776.88 46.54835 (18121017)
437004.41 3709761.51 45.99067 (19012519) 437044.42
3709746.13 45.61664 (18010218)
437084.44 3709730.76 42.85533 (21093020) 437125.18
3709728.49 34.13723 (19021120)
437166.66 3709739.32 9.68986 (18012901) 437208.13
3709750.16 9.29329 (17021304)
437249.61 3709761.00 9.40596 (18020318) 436886.51
3709814.33 48.96540 (18121620)
436868.65 3709828.72 49.34254 (17012003) 436850.78
3709843.10 49.59000 (20012606)
436893.80 3709753.01 44.35160 (21120405) 436935.37
3709737.04 41.98466 (21091003)
436976.95 3709721.07 40.17197 (19012519) 437018.52
3709705.10 39.88144 (17122102)
437060.09 3709689.12 40.10938 (21121818) 437123.21
3709678.78 40.46845 (18120701)
437166.30 3709690.04 26.90991 (19122017) 437209.39

3709701.29   8.69242 (17020317)
        437252.48   3709712.55   8.57702 (18020318)   437295.57
3709723.81   8.52568 (19123021)
        436855.15   3709775.39   42.92561 (17011606)   436837.29
3709789.77   42.30046 (20121319)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436819.42   3709804.16   42.23320 (20012606)   436861.44
3709714.46   38.84803 (20021420)
        436901.01   3709699.25   38.41750 (20121322)   436940.59
3709684.05   37.41558 (18091024)
        436980.16   3709668.84   36.88849 (17122102)   437019.74
3709653.64   36.02747 (18092704)
        437059.31   3709638.43   35.88998 (19090402)   437119.39
3709628.58   36.65880 (21123107)
        437160.41   3709639.30   36.20911 (18022706)   437201.43
3709650.02   20.24635 (17020501)
        437242.45   3709660.73   7.72958 (17123120)   437283.47
3709671.45   7.69487 (18021921)
        437324.49   3709682.17   7.78271 (17121417)   436823.79
3709736.45   38.80579 (19122301)
        436805.92   3709750.83   39.04770 (20123002)   436788.06
3709765.22   38.97815 (21022822)

436830.70 3709675.27 35.67328 (18010523) 436871.53 3709659.59 35.71687 (20121819)
436912.37 3709643.90 35.52460 (18010521) 436953.20 3709628.21 36.25877 (20120618)
436994.03 3709612.52 35.65971 (20111904) 437034.86 3709596.84 33.89802 (19110702)
437075.69 3709581.15 33.15229 (17091003) 437117.26 3709578.83 33.89687 (17090624)
437159.59 3709589.89 35.66357 (17011223) 437201.91 3709600.95 27.46521 (21020222)
437244.23 3709612.00 7.31231 (18020318) 437286.55 3709623.06 6.99324 (18021921)
437328.87 3709634.11 6.88736 (18021921) 436792.42 3709697.51 36.26259 (20123002)
436774.56 3709711.89 36.39090 (19120706) 436756.70 3709726.28 36.81672 (17122818)
436767.74 3709597.48 33.68841 (21020620) 436808.09 3709581.98 33.94615 (17111705)
436848.44 3709566.48 34.28511 (21112202) 436888.79 3709550.97 34.34361 (19110519)
436929.14 3709535.47 34.12713 (17110322) 436969.49 3709519.97 32.83889 (17022124)
437009.84 3709504.47 31.07448 (17022124) 437050.19 3709488.96 29.95552 (18010218)
437111.45 3709478.92 30.52168 (20123006) 437153.28 3709489.85 31.99601 (20123006)
437195.10 3709500.77 29.66436 (17022022) 437236.92 3709511.70 6.39907 (17021304)
437278.74 3709522.63 6.15426 (17020317) 437320.57 3709533.55 5.92848 (17022717)
437362.39 3709544.48 5.88678 (18021921) 437404.21 3709555.41 6.25542 (20013118)
436729.70 3709619.62 33.63556 (21100302) 436711.84 3709634.01 33.66581 (17010320)
436693.97 3709648.40 32.94031 (21121121) 436705.90 3709519.26 30.32775 (17031205)
436726.96 3709511.17 30.88562 (21120608) 436748.02 3709503.08 30.74662 (21020620)
436769.08 3709494.99 30.91515 (21042606) 436790.14 3709486.90 31.19785 (18122019)
436811.20 3709478.80 31.15296 (18010619) 436832.26 3709470.71 31.12013 (21022619)
436853.32 3709462.62 30.97454 (17110924) 436874.38 3709454.53 30.89823 (19012821)
436895.44 3709446.44 30.84698 (19110519) 436916.50 3709438.35 30.84302 (17051203)
436937.56 3709430.25 30.33016 (21090421) 436958.62 3709422.16 29.50082 (19012519)
436979.68 3709414.07 28.96568 (19082502) 437000.74 3709405.98 28.36355 (18111818)

437021.80 3709397.89 27.96118 (19110702) 437042.86
3709389.80 27.29281 (18110118)
437063.92 3709381.70 26.26741 (17122318) 437106.81
3709379.32 27.49878 (17122318)
437128.64 3709385.02 28.61239 (19121918) 437150.47
3709390.72 29.00946 (20021519)
437172.30 3709396.42 28.44327 (18022706) 437194.12
3709402.13 25.69850 (18120819)
437237.78 3709413.53 5.52657 (18021922) 437259.61
3709419.24 5.41418 (18020318)
437281.44 3709424.94 5.25036 (18021921) 437303.27
3709430.64 5.22054 (18010217)
437346.92 3709442.05 5.25696 (17121417) 437368.75
3709447.75 5.32897 (19123021)
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BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

PAGE 679
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

```
3709556.13       30.10399  (21123024)
        436631.25   3709570.51       30.72592  (20091822)                436642.90
3709441.49       27.86029  (19110218)
        436684.47   3709425.51       27.73638  (21030324)                436726.05
3709409.54       27.57985  (17112318)
        436767.62   3709393.57       28.03078  (20010419)                436809.19
3709377.59       27.53389  (17121318)
        436850.77   3709361.62       27.30671  (18101024)                436892.34
3709345.65       27.51422  (20020720)
        436933.91   3709329.67       26.76852  (19012519)                436975.49
3709313.70       25.74169  (18092704)
        437017.06   3709297.73       24.46003  (19110702)                437058.63
3709281.75       23.76585  (17122318)
        437100.97   3709279.40       23.42694  (19092404)                437144.06
3709290.65       24.91973  (20092220)
        437187.15   3709301.91       25.95953  (20090421)                437230.24
3709313.17       16.49151  (20012818)
        437273.33   3709324.43        4.84560  (18020318)                437316.42
3709335.68        4.61656  (18010217)
        437359.51   3709346.94        4.58966  (17121417)                437402.60
3709358.20        4.69261  (19122705)
        437445.69   3709369.46        4.74009  (18120916)                437488.78
3709380.71        4.87303  (17123120)
        436604.25   3709463.86       27.64108  (21123024)                436586.39
3709478.24       28.08920  (20120521)
        436568.52   3709492.63       28.45595  (21011221)                436579.97
3709363.68       24.95893  (17111624)
        436621.13   3709347.87       24.90958  (21112821)                436662.28
3709332.06       24.89122  (17040603)
        436703.44   3709316.24       24.89844  (21010507)                436744.60
3709300.43       25.06164  (21022619)
        436785.76   3709284.62       24.57788  (21121720)                436826.91
3709268.80       24.48438  (19020719)
        436868.07   3709252.99       24.51470  (17031303)                436909.23
3709237.18       23.71903  (21090421)
        436950.39   3709221.36       22.53521  (18013018)                436991.54
3709205.55       24.76829  (21020420)
        437032.70   3709189.74       25.24662  (21020420)                437095.19
3709179.50       24.33450  (21020221)
        437137.85   3709190.64       24.44986  (18022706)                437180.51
3709201.79       24.14144  (17052821)
        437223.17   3709212.93       19.31533  (20010217)                437265.83
3709224.08        4.36016  (17021304)
        437308.48   3709235.22        4.22677  (18010217)                437351.14
3709246.36        4.10352  (17022717)
        437393.80   3709257.51        4.16336  (17121417)                437436.46
3709268.65        4.19817  (18020318)
        437479.12   3709279.80        4.17957  (19122705)                437521.78
3709290.94        4.33676  (17123120)
        437564.44   3709302.09        4.38618  (18021418)                436541.53
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3709385.98       25.20969  (17012107)
        436523.66   3709400.36       25.31690  (19011103)                436505.80
3709414.75       25.15781  (21120407)
        436517.84   3709285.57       22.44551  (20041421)                436539.01
3709277.44       22.59034  (17111624)
        436560.18   3709269.30       22.59888  (17122620)                436581.35
3709261.17       22.30791  (21100302)
        436602.52   3709253.03       22.13671  (17031205)                436623.70
3709244.90       22.33948  (21120608)
        436644.87   3709236.77       22.15673  (18010807)                436666.04
3709228.63       22.11957  (21042606)
        436687.21   3709220.50       22.28294  (18110120)                436708.38
3709212.36       22.43213  (17012003)
        436729.55   3709204.23       22.35538  (18010619)                436750.73
3709196.09       22.19949  (21112202)
        436771.90   3709187.96       22.09025  (21020121)                436793.07
3709179.83       22.10885  (20091806)
        436814.24   3709171.69       21.98382  (20100222)                436835.41
3709163.56       22.09695  (19110519)
        436856.58   3709155.42       22.05453  (20120618)                436877.75
3709147.29       22.09226  (17110322)
        436898.93   3709139.15       21.69095  (19012519)                436920.10
3709131.02       21.24415  (19012519)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 680
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

- - - -

```
        436895.06   3709038.66       19.12689  (17122102)               436916.02
3709030.60       19.13857  (19120619)
        436957.94   3709014.50       19.17393  (18040406)               436999.86
3708998.39       18.95827  (21102719)
        437020.82   3708990.34       18.76930  (21093020)               437084.46
3708979.91       19.26775  (21121818)
        437127.91   3708991.26       20.75320  (20010218)               437171.36
3709002.61       16.91120  (18011719)
        437214.81   3709013.96        7.52024  (19010717)               437258.26
3709025.31        3.54463  (18110708)
        437301.71   3709036.66        3.45910  (18010217)               437345.16
3709048.02        3.47342  (18010217)
        437388.61   3709059.37        3.35191  (21121721)               437432.05
3709070.72        3.38185  (17121417)
        437475.50   3709082.07        3.34933  (19122705)               437518.95
3709093.42        3.31029  (19122705)
        437562.40   3709104.77        3.33418  (18021418)               437605.85
3709116.12        3.42243  (18102017)
        437649.30   3709127.48        3.42972  (18102017)               436416.08
3709230.21       20.68645  (19101520)
        436398.22   3709244.60       20.70694  (19011103)               436380.35
3709258.98       20.41790  (21111407)
        436392.00   3709129.96       18.63364  (21011503)               436433.58
3709113.98       18.39328  (20041421)
        436475.15   3709098.01       18.49123  (17010320)               436516.72
3709082.04       18.48583  (20110517)
        436558.30   3709066.06       18.53124  (17122319)               436599.87
3709050.09       18.32750  (21010507)
        436641.44   3709034.12       18.37375  (17111623)               436683.02
3709018.14       18.46154  (20010419)
        436724.59   3709002.17       18.16295  (17110924)               436766.16
3708986.20       18.20089  (17022606)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 681
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                 L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                 L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	17.94731	(17051203)	436849.31	3708954.25	18.01451	(17101619)
436890.88	3708938.28	17.66379	(20111904)	436932.46	3708922.31	17.53712	(18092704)
436974.03	3708906.33	17.50829	(20092803)	437015.60	3708890.36	17.45571	(18091721)
437078.72	3708880.02	18.02717	(21121818)	437121.81	3708891.27	19.39511	(21123107)
437164.90	3708902.53	17.44082	(20090421)	437207.99	3708913.79	10.69756	(17022021)
437251.08	3708925.05	3.27972	(19051904)	437294.17	3708936.30	3.17647	(18020318)
437337.26	3708947.56	3.12602	(17123120)	437380.35	3708958.82	3.03748	(17022717)
437423.44	3708970.08	3.03943	(21121721)	437466.53	3708981.33	3.08508	(17121417)
437509.62	3708992.59	3.06856	(18020318)	437552.71	3709003.85	3.01562	(18090307)
437595.80	3709015.11	2.99617	(18120916)	437638.89	3709026.36	3.10231	(17123120)
437681.98	3709037.62	3.05810	(17010316)	437725.07	3709048.88	3.15590	(18120916)
436353.35	3709152.33	18.66257	(18020219)	436335.49	3709166.72	18.53315	(20112504)
436317.63	3709181.10	18.32636	(19011821)	436329.73	3709051.90	17.16507	(20120619)
436350.96	3709043.74	17.15894	(21120407)	436372.19	3709035.59	16.98914	(21121522)
436393.42	3709027.43	17.00267	(21121121)	436414.65	3709019.27	17.04644	(17010320)
436435.89	3709011.11	17.16387	(17020221)	436457.12	3709002.96	16.97755	(21100302)
436478.35	3708994.80	17.05892	(20123002)	436499.58	3708986.64	16.92304	(20110517)
436520.81	3708978.48	16.98935	(20012606)	436542.05	3708970.33	17.01947	(18010807)
436563.28	3708962.17	16.98236	(21020421)	436584.51	3708954.01	16.99036	(21020205)
436605.74	3708945.85	17.08623	(21010507)	436626.97			

3708937.70   17.09290 (21120405)
        436648.21   3708929.54   17.05792 (18010619)   436669.44
3708921.38   16.92436 (21121119)
        436690.67   3708913.22   16.94812 (20091806)   436711.90
3708905.06   16.84834 (20100222)
        436733.13   3708896.91   16.87545 (17090404)   436754.37
3708888.75   16.86227 (20100222)
        436775.60   3708880.59   16.78319 (19110519)   436796.83
3708872.43   16.64292 (17021222)
        436818.06   3708864.28   16.75388 (17051203)   436839.29
3708856.12   16.78216 (21090421)
        436860.53   3708847.96   16.53566 (17102518)   436881.76
3708839.80   16.42161 (19012519)
        436902.99   3708831.65   16.30672 (19082502)   436924.22
3708823.49   16.37300 (18092704)
        436945.45   3708815.33   16.44192 (21112203)   436966.69
3708807.17   16.49163 (20092803)
        436987.92   3708799.01   16.45849 (18121518)   437009.15
3708790.86   16.13701 (21020202)
        437030.38   3708782.70   15.88799 (21093020)   437073.62
3708780.29   17.03955 (21121818)
        437095.63   3708786.04   17.87064 (19092404)   437117.64
3708791.79   18.18170 (19011101)
        437139.64   3708797.54   18.03843 (20010218)   437161.65
3708803.29   16.94997 (20090421)
        437183.66   3708809.04   14.54781 (17011223)   437205.66
3708814.79   11.09362 (19021703)
        437227.67   3708820.54   6.78040 (17122218)   437249.68
3708826.29   3.03471 (19051904)
        437271.68   3708832.04   2.96768 (19051904)   437293.69
3708837.78   2.90410 (17120817)
        437315.70   3708843.53   2.88658 (18010217)   437337.70
3708849.28   2.86040 (21011424)
        437359.71   3708855.03   2.88813 (17123120)   437381.72
3708860.78   2.84689 (17022717)
        437403.72   3708866.53   2.77049 (21121721)   437425.73
3708872.28   2.77456 (21121721)
        437447.74   3708878.03   2.77143 (21121721)   437469.74
3708883.78   2.76772 (17121417)
        437491.75   3708889.53   2.80161 (19123021)   437513.75
3708895.28   2.81622 (19122705)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437535.76   3708901.03   2.78439 (18020318)   437557.77
3708906.78   2.80141 (20021019)
        437579.77   3708912.53   2.73401 (18090307)   437601.78
3708918.28   2.77567 (19122705)
        437623.79   3708924.03   2.73765 (19122705)   437645.79
3708929.78   2.76518 (18120916)
        437667.80   3708935.52   2.81658 (18090307)   437689.81
3708941.27   2.78446 (17123120)
        437711.81   3708947.02   2.77252 (18102017)   437733.82
3708952.77   2.75941 (17123117)
        437755.83   3708958.52   2.80651 (20090918)   437777.83
3708964.27   2.85007 (20033118)
        437799.84   3708970.02   2.88324 (17022120)   436308.49
3709060.06   16.95901 (21120407)
        436290.63   3709074.45   17.08012 (20120619)   436272.77
3709088.83   16.87498 (20112504)
        436254.90   3709103.22   16.82038 (19121519)   436266.83
3708974.09   15.88363 (17020823)
        436287.89   3708965.99   15.94264 (21092205)   436308.95
3708957.90   15.97686 (21011503)
        436330.01   3708949.81   15.84462 (20041421)   436351.07
3708941.72   15.86514 (21121521)
        436372.13   3708933.63   15.93386 (17070206)   436393.19
3708925.54   16.01898 (17122818)
        436414.25   3708917.44   15.83494 (17122620)   436435.31
3708909.35   15.96200 (18121919)
        436456.37   3708901.26   16.05338 (20123002)   436477.43
3708893.17   15.78592 (17040603)
        436498.49   3708885.08   15.86238 (17040603)   436519.55
3708876.99   15.96997 (21020421)

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        436540.61   3708868.90       15.89254  (17011606)               436561.67
3708860.80       15.92329  (21020205)
        436582.73   3708852.71       15.90653  (18121620)               436603.79
3708844.62       15.97313  (21020519)
        436624.85   3708836.53       15.90781  (20021520)               436645.91
3708828.44       15.91533  (17020808)
        436666.97   3708820.35       15.80296  (20091806)               436688.03
3708812.25       15.69428  (20100222)
        436709.09   3708804.16       15.69437  (17090404)               436730.15
3708796.07       15.76385  (20092906)
        436751.21   3708787.98       15.65339  (17090404)               436772.27
3708779.89       15.53491  (17051203)
        436793.33   3708771.80       15.69833  (20120618)               436814.39
3708763.70       15.67068  (19120619)
        436835.45   3708755.61       15.51123  (19012519)               436856.51
3708747.52       15.24113  (20012319)
        436877.57   3708739.43       15.22163  (21112203)               436898.63
3708731.34       15.26412  (19082502)
        436919.69   3708723.25       15.34124  (17022124)               436940.75
3708715.15       15.39617  (18092704)
        436961.81   3708707.06       15.33012  (18080904)               436982.87
3708698.97       15.18895  (18010218)
        437003.93   3708690.88       15.02549  (18091721)               437024.99
3708682.79       14.95581  (21020420)
        437067.88   3708680.40       16.18054  (18100124)               437089.71
3708686.10       16.89331  (18050502)
        437111.54   3708691.80       17.10931  (21123107)               437133.37
3708697.51       16.97037  (18120701)
        437155.20   3708703.21       16.04799  (18120701)               437177.02
3708708.91       14.09618  (18022706)
        437220.68   3708720.32        8.27807  (18121317)               437242.51
3708726.02        4.79558  (19011204)
        437264.34   3708731.72        2.77784  (19051904)               437286.17
3708737.43        2.70755  (19123020)
        437308.00   3708743.13        2.67856  (17120817)               437351.65
3708754.54        2.62568  (17120817)
        437373.48   3708760.24        2.65269  (17123120)               437395.31
3708765.94        2.58664  (17022717)
        437417.14   3708771.64        2.54935  (21121721)               437438.97
3708777.35        2.56890  (21121721)
        437460.79   3708783.05        2.57692  (21121721)               437482.62
3708788.75        2.56102  (19122705)
        437504.45   3708794.46        2.56819  (17022120)               437526.28
3708800.16        2.58109  (19122705)
        437569.94   3708811.56        2.55712  (20013118)               437591.77
3708817.27        2.54112  (18021921)
        437613.59   3708822.97        2.51748  (18090307)               437635.42
3708828.67        2.54838  (19122705)
        437657.25   3708834.38        2.54665  (19122705)               437679.08
3708840.08        2.53870  (19122705)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.55586	(18120916)	437722.74	3708851.48	2.56520	(17123120)
437744.56	3708857.19	2.51783	(21011417)	437766.39	3708862.89	2.53816	(17123117)
437810.05	3708874.30	2.59688	(17123117)	437831.88	3708880.00	2.67592	(17022120)
437853.71	3708885.70	2.61823	(17123117)	436245.77	3708982.18	15.86365	(21010623)
436227.91	3708996.56	15.61976	(21010608)	436210.04	3709010.95	15.55561	(17122219)
436192.18	3709025.34	15.53782	(19121519)	436203.96	3708896.26	14.95209	(18020219)
436245.78	3708880.19	15.01766	(19101520)	436287.61	3708864.12	14.97103	(21011503)
436329.44	3708848.05	15.11400	(21092202)	436371.26	3708831.98	15.10557	(21111419)
436413.09	3708815.91	15.07501	(18102619)	436454.92	3708799.84	14.92797	(21120124)
436496.75	3708783.77	15.11398	(21010118)	436538.57	3708767.70	14.99697	(20021320)
436580.40	3708751.63	15.01110	(21020205)	436622.23			

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3708735.56       14.93850  (17020808)
        436664.05   3708719.49       14.68702  (17110924)                436705.88
3708703.41       14.75936  (17022606)
        436747.71   3708687.34       14.59699  (17112606)                436789.53
3708671.27       14.73429  (17102518)
        436831.36   3708655.20       14.53200  (18120703)                436873.19
3708639.13       14.30525  (18083020)
        436915.01   3708623.06       14.18017  (18030420)                436956.84
3708606.99       14.32999  (18080904)
        436998.67   3708590.92       14.05586  (21091505)                437062.17
3708580.51       14.73258  (18050502)
        437105.52   3708591.84       15.73528  (18102718)                437148.87
3708603.17       16.00436  (21020221)
        437192.23   3708614.49       13.47462  (17122918)                437235.58
3708625.82        8.00802  (18121619)
        437278.93   3708637.15        2.55377  (19051904)                437322.29
3708648.47        2.47472  (18020318)
        437365.64   3708659.80        2.41335  (17120817)                437408.99
3708671.12        2.36434  (17022717)
        437452.34   3708682.45        2.34252  (21121721)                437495.70
3708693.78        2.33845  (18010217)
        437539.05   3708705.10        2.37773  (19122705)                437582.40
3708716.43        2.36925  (18020318)
        437625.75   3708727.75        2.36093  (18021921)                437669.11
3708739.08        2.41377  (19122705)
        437712.46   3708750.41        2.35450  (19122705)                437755.81
3708761.73        2.35840  (18120916)
        437799.17   3708773.06        2.34566  (17121417)                437842.52
3708784.39        2.34390  (17120117)
        437885.87   3708795.71        2.42961  (17022120)                436165.18
3708918.68       14.57782  (21010606)
        436147.32   3708933.07       14.57539  (17020904)                436129.45
3708947.46       14.55872  (18010705)
        437017.12   3710105.60       69.73226  (17011720)                436994.30
3710140.34       90.25966  (20121819)
        436986.74   3710060.78       72.93179  (21013120)                436963.92
3710095.51       82.71081  (21120608)
        436955.38   3710021.84       71.67326  (21022619)                436933.55
3710050.69       71.55126  (19122301)
        436910.73   3710085.43       72.01812  (17020220)                436917.07
3709990.56       61.65518  (19122301)
        436891.76   3710023.24       61.88761  (17010320)                436868.94
3710057.97       65.31724  (18011524)
        436874.41   3709964.06       55.48832  (20123002)                436849.97
3709995.78       56.85811  (21021723)
        436827.15   3710030.52       60.17330  (20120619)                436832.10
3709937.18       50.77097  (20110518)
        436857.13   3709909.61       53.65108  (21122203)                436808.18
3709968.33       53.08093  (17020823)
        436785.36   3710003.06       55.06405  (21010624)                436789.97
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3709910.11   47.47649 (21010620)
        436814.29   3709883.30   48.33711 (17010320)   436766.39
3709940.87   48.21502 (19011821)
        436743.57   3709975.61   50.81069 (18122222)   436749.92
3709880.74   44.35066 (20120619)
        436777.72   3709850.11   43.15920 (20090520)   436724.61
3709913.42   45.03145 (21010624)
        436701.79   3709948.15   47.49751 (18020622)   436707.63
3709853.83   40.34579 (20021521)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436734.44   3709824.29   40.66844 (18080906)   436761.25
3709794.76   39.73670 (20110518)
        436682.82   3709885.96   41.98093 (18122222)   436660.00
3709920.70   44.65397 (21011008)
        436665.47   3709826.78   38.00236 (19121722)   436691.54
3709798.07   37.47760 (20022019)
        436717.60   3709769.35   37.44548 (18080906)   436641.03
3709858.51   39.94705 (21011008)
        436618.21   3709893.24   42.94262 (20010420)   436582.77
3709770.92   35.21095 (21122202)
        436610.57   3709740.29   33.72255 (21012805)   436638.37
3709709.66   33.55583 (17020904)

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        436666.17   3709679.03       33.38435  (20091822)               436557.46
3709803.60       36.32900  (17121006)
        436534.64   3709838.33       37.60439  (20121703)               436498.56
3709716.70       31.31082  (20091722)
        436525.10   3709687.46       30.87188  (21122202)               436551.63
3709658.23       30.43032  (19040720)
        436578.17   3709628.99       30.71491  (19011821)               436604.71
3709599.75       31.57748  (18022523)
        436473.88   3709748.69       32.01617  (20020922)               436451.06
3709783.42       32.70210  (20022505)
        436415.61   3709661.10       28.30619  (21011519)               436443.42
3709630.47       27.78886  (21012920)
        436471.22   3709599.84       27.59399  (21010806)               436499.02
3709569.21       27.78090  (20120520)
        436526.82   3709538.58       28.06022  (20112504)               436390.30
3709693.78       28.52250  (17121819)
        436367.48   3709728.51       28.93205  (21011204)               436331.54
3709606.73       25.56014  (17121720)
        436358.35   3709577.20       25.46543  (19121223)               436385.16
3709547.66       25.35081  (21011207)
        436411.97   3709518.13       25.35764  (20091824)               436438.78
3709488.59       25.24350  (19040720)
        436465.59   3709459.05       25.00167  (17020904)               436306.73
3709638.87       25.44467  (20022505)
        436283.91   3709673.60       25.92542  (17120321)               436248.46
3709551.28       23.01112  (20122404)
        436276.26   3709520.65       23.15020  (21011707)               436304.07
3709490.02       22.88521  (19121223)
        436331.87   3709459.39       22.88964  (18020622)               436359.67
3709428.76       22.85094  (21012723)
        436387.47   3709398.13       22.48844  (19121722)               436415.27
3709367.50       22.34295  (19121519)
        436223.15   3709583.96       23.29607  (19010507)               436200.33
3709618.69       23.53477  (17122906)
        436164.48   3709496.82       20.98209  (20121606)               436191.46
3709467.09       21.11009  (17121819)
        436218.45   3709437.36       21.07078  (21011306)               436245.43
3709407.63       20.82985  (21011207)
        436272.41   3709377.90       20.79455  (18020622)               436299.40
3709348.17       20.55771  (21011606)
        436326.38   3709318.44       20.39266  (19040720)               436353.37
3709288.71       20.12209  (19121519)
        436139.58   3709529.05       21.18826  (20010422)               436116.76
3709563.78       21.28754  (21020424)
        436081.31   3709441.46       19.36634  (20091623)               436109.11
3709410.83       19.17638  (20122503)
        436136.92   3709380.20       19.32460  (20121703)               436164.72
3709349.57       19.32754  (20120902)
        436192.52   3709318.94       19.02547  (20122502)               436220.32
3709288.31       18.98332  (18012303)
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        436248.12   3709257.68       18.97946  (21121703)               436275.92
3709227.05       18.61273  (19121722)
        436056.00   3709474.14       19.41754  (17122906)               436033.18
3709508.87       19.30421  (18010502)
        435997.39   3709386.93       17.87474  (20010422)               436024.49
3709357.07       17.89848  (20013105)
        436051.60   3709327.20       17.75795  (18021606)               436078.71
3709297.34       17.79340  (21011519)
        436105.82   3709267.47       17.78856  (20122502)               436132.92
3709237.61       17.49591  (20091722)
        436160.03   3709207.75       17.48320  (18012303)               436187.14
3709177.88       17.33242  (21012723)
        436214.24   3709148.02       17.02477  (21011601)               435972.42
3709419.23       17.60497  (20120424)
        435949.60   3709453.96       17.71296  (18012221)               435914.16
3709331.64       16.62397  (21022303)
        435941.96   3709301.01       16.68632  (17090305)               435969.76
3709270.38       16.35484  (21121107)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 685
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435997.57   3709239.75       16.50508  (20121703)               436025.37
3709209.12       16.51224  (19121223)
        436053.17   3709178.49       16.30460  (20091722)               436080.97
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3709147.86 16.16840 (20120207)
436108.77 3709117.23 15.95529 (21010607) 436136.57
3709086.60 15.99693 (21010806)
436164.38 3709055.97 15.64859 (21010624) 435888.85
3709364.32 16.35458 (21020424)
435866.03 3709399.05 16.38003 (20120423) 435830.28
3709277.06 15.42520 (19121724)
435857.48 3709247.10 15.50382 (20122703) 435884.68
3709217.13 15.50189 (21011204)
435911.87 3709187.17 15.19900 (21122223) 435939.07
3709157.20 15.31980 (20122503)
435966.27 3709127.24 15.33882 (20120523) 435993.47
3709097.28 15.15770 (20091722)
436020.66 3709067.31 15.04318 (20120207) 436047.86
3709037.35 14.87906 (18011718)
436075.06 3709007.38 14.78505 (21012723) 436102.26
3708977.42 14.64490 (20120520)
435805.27 3709309.41 15.28509 (19121819) 435782.45
3709344.14 15.31413 (18013124)
436986.12 3710169.40 100.37167 (21010118) 436986.86
3710192.47 106.78208 (21010118)
436987.61 3710215.54 113.16356 (19122301) 436941.60
3710151.64 88.98323 (21121121)
436936.89 3710194.09 95.55584 (20120619) 436937.63
3710217.16 100.14160 (18010802)
436892.31 3710150.83 77.79588 (17020904) 436898.45
3710129.03 75.98660 (21120407)
436904.59 3710107.23 72.89248 (17012107) 436886.17
3710172.63 81.33737 (20050705)
436886.91 3710195.70 86.11298 (18011718) 436887.66
3710218.77 90.45394 (18011718)
436841.65 3710154.87 77.67882 (21011324) 436852.57
3710116.11 71.53731 (21010704)
436836.94 3710197.32 83.46390 (18021606) 436837.68
3710220.39 86.59628 (21011023)
436792.07 3710155.10 73.27123 (20120903) 436803.76
3710113.57 69.03937 (18011718)
436815.46 3710072.04 64.09905 (21010806) 436786.97
3710198.93 77.80827 (21013105)
436787.71 3710222.00 80.71651 (18011121) 436742.39
3710155.67 68.90058 (20120424)
436748.53 3710133.87 67.65767 (20120903) 436754.66
3710112.07 65.49747 (21011707)
436760.80 3710090.27 63.69406 (20010420) 436766.94
3710068.47 61.58842 (21011324)
436773.08 3710046.66 59.67241 (18020622) 436779.22
3710024.86 57.33905 (18122222)
436736.25 3710177.47 70.46931 (18011121) 436736.99
3710200.54 72.53896 (17121003)
436737.74 3710223.61 74.88403 (21011220) 436692.00

3710158.74   64.48087 (18011906)
        436703.46   3710118.04   62.55271 (17122321)   436714.92
3710077.35   59.96447 (20122503)
        436726.38   3710036.65   56.96211 (18010624)   436687.02
3710202.16   67.10159 (18020124)
        436687.76   3710225.23   69.00360 (18011402)   436642.25
3710159.56   59.70572 (20010324)
        436654.16   3710117.28   58.15053 (18011906)   436666.07
3710075.00   56.54024 (17122321)
        436677.97   3710032.71   54.40713 (20122404)   436689.88
3709990.43   51.22364 (18010624)
        436637.04   3710203.77   62.09210 (17122721)   436637.79
3710226.84   63.00311 (19012804)
        436592.46   3710160.51   55.65564 (18020307)   436598.60
3710138.71   55.10363 (18020202)
        436604.74   3710116.91   54.53666 (20120420)   436610.88
3710095.11   53.74774 (18121804)
        436617.02   3710073.31   52.97248 (20120423)   436623.16
3710051.51   52.15027 (18013102)
        436629.30   3710029.70   51.57826 (19012703)   436635.44
3710007.90   50.81063 (20121606)
        436641.58   3709986.10   49.37724 (20121703)   436647.72
3709964.30   48.26003 (18012219)
        436653.86   3709942.50   46.64122 (20010420)   436586.32
3710182.31   56.04824 (18020201)
        436587.07   3710205.38   56.95837 (20011320)   436587.81
3710228.45   56.45009 (20020106)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436542.20	3710163.16	51.87107	(19012804)	436553.89	3710121.64	51.14880	(19121723)
436565.59	3710080.11	50.08283	(18021323)	436577.28	3710038.58	48.62041	(20120701)
436588.98	3709997.06	47.36909	(19121724)	436600.67	3709955.53	45.61314	(21121107)
436537.10	3710207.00	51.56172	(18021602)	436537.84	3710230.07	52.42388	(19012722)
436442.54	3710165.35	43.79552	(19120905)	436448.68	3710143.55	43.88082	(18010222)
436454.82	3710121.75	44.68212	(17121824)	436460.96	3710099.95	44.44332	(21011405)
436467.10	3710078.15	43.95701	(18020307)	436473.24	3710056.35	43.59567	(19121121)
436479.38	3710034.55	43.18774	(21012024)	436485.52	3710012.74	42.56260	(19021220)
436491.66	3709990.94	41.81274	(20100124)	436497.80	3709969.14	41.28598	(20122106)
436503.94	3709947.34	40.75024	(18011107)	436510.08	3709925.54	40.15330	(20021401)
436516.22	3709903.74	39.43062	(20013105)	436522.36	3709881.93	38.69983	(20121606)
436528.50	3709860.13	38.10769	(20120904)	436436.40	3710187.16	44.06227	(20022706)
436437.15	3710210.23	44.81937	(19012621)	436437.89	3710233.30	45.43019	(18122401)
436342.49	3710168.96	38.11767	(20121923)	436354.55	3710126.13	37.50803	(18020721)
436366.61	3710083.29	38.26620	(18012924)	436378.68	3710040.45	38.22964	(18010801)
436390.74	3709997.61	37.62550	(19121121)	436402.80	3709954.77	36.83356	(18121404)
436414.87	3709911.94	35.73848	(17012523)	436426.93	3709869.10	34.85305	(18020101)
436439.00	3709826.26	33.89247	(20122703)	436337.20	3710213.45	39.20652	(20120804)
436337.94	3710236.52	39.48456	(19012622)	436242.74	3710171.46	33.75689	(21011401)
436248.98	3710149.32	33.31592	(18122401)	436255.22	3710127.17	33.42257	(18011320)
436261.45	3710105.02	33.18614	(17120801)	436267.69	3710082.87	32.86609	(18020721)
436273.93	3710060.73	32.63476	(21122021)	436280.17	3710038.58	33.30417	(20121601)

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        436286.40   3710016.43       33.68779  (17010806)                436292.64
3709994.28       33.57416  (20121807)
        436298.88   3709972.14       33.29082  (18122020)                436305.11
3709949.99       33.09870  (18020806)
        436311.35   3709927.84       32.89566  (21011220)                436317.59
3709905.69       32.51589  (21011220)
        436323.82   3709883.54       32.04822  (18013003)                436330.06
3709861.40       31.54539  (17120205)
        436336.30   3709839.25       31.05836  (17012523)                436342.54
3709817.10       30.76492  (18011805)
        436348.77   3709794.95       30.18720  (19012407)                436355.01
3709772.81       29.81468  (20021401)
        436361.25   3709750.66       29.25329  (18012120)                436236.51
3710193.61       33.91517  (21011805)
        436237.25   3710216.68       34.22530  (19012622)                436238.00
3710239.75       35.92275  (21031806)
        436142.70   3710175.04       29.75080  (21012102)                436148.84
3710153.24       29.87655  (21011805)
        436154.98   3710131.43       29.70214  (18010305)                436161.12
3710109.63       29.35649  (20121923)
        436167.26   3710087.83       29.44682  (18011320)                436173.40
3710066.03       29.21447  (17120801)
        436179.54   3710044.23       28.99825  (18012703)                436185.68
3710022.43       28.82808  (17010701)
        436191.81   3710000.62       28.98598  (17121519)                436197.95
3709978.82       29.68599  (17121901)
        436204.09   3709957.02       29.80379  (17010806)                436210.23
3709935.22       29.69263  (18010801)
        436216.37   3709913.42       29.51236  (18011205)                436222.51
3709891.62       29.27863  (18020806)
        436228.65   3709869.82       29.09166  (18121005)                436234.79
3709848.01       28.87300  (21011001)
        436240.93   3709826.21       28.54677  (18010401)                436247.07
3709804.41       28.11208  (20010704)
        436253.21   3709782.61       27.83284  (20022102)                436259.35
3709760.81       27.47613  (18121605)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 687
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                 L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
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L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	27.29875	(18012221)	436271.63	3709717.20	26.79547	(20012402)
436277.77	3709695.40	26.46547	(17122906)	436136.56	3710196.84	31.76436	(20030806)
436137.30	3710219.91	31.22049	(21070705)	436138.05	3710242.98	30.27911	(21120101)
436042.67	3710178.53	29.22417	(21031806)	436054.80	3710135.47	26.60055	(21041604)
436066.93	3710092.40	26.32444	(17121402)	436072.99	3710070.87	26.17146	(20121923)
436085.12	3710027.81	26.20486	(21122023)	436097.25	3709984.74	25.88287	(18010304)
436109.38	3709941.68	26.25542	(20121601)	436121.50	3709898.61	26.70182	(18010801)
436133.63	3709855.55	26.30994	(18011205)	436145.76	3709812.48	25.86858	(18121005)
436157.89	3709769.42	25.46114	(21011402)	436170.01	3709726.35	24.88669	(17120205)
436182.14	3709683.29	24.19294	(20010504)	436037.36	3710223.14	26.84605	(21012104)
436038.10	3710246.21	27.10510	(21010119)	435942.87	3710181.24	23.70692	(20010223)
435949.08	3710159.19	25.87173	(21070705)	435955.29	3710137.14	24.98955	(20030806)
435961.50	3710115.09	23.84512	(18012319)	435967.71	3710093.03	24.14353	(21031806)
435973.92	3710070.98	23.92541	(21011401)	435980.13	3710048.93	23.59084	(17121402)
435986.34	3710026.88	23.39684	(20022805)	435992.55	3710004.82	23.56900	(20101104)
435998.76	3709982.77	23.51727	(17120801)	436004.97	3709960.72	23.37137	(18010304)
436011.18	3709938.67	23.33654	(17121519)	436017.39	3709916.62	23.19202	(21122021)
436023.60	3709894.56	23.59659	(20121601)	436029.81			

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3709872.51       23.97196  (17122802)
        436036.02   3709850.46       24.03741  (18010801)                436042.23
3709828.41       23.92823  (18013020)
        436048.44   3709806.36       23.74237  (18011205)                436054.66
3709784.30       23.67636  (20020104)
        436060.87   3709762.25       23.53961  (19121121)                436067.08
3709740.20       23.35478  (17011607)
        436073.29   3709718.15       23.03467  (18010401)                436079.50
3709696.10       22.60880  (18010401)
        436085.71   3709674.04       22.27953  (17010222)                436091.92
3709651.99       22.08752  (18013124)
        436098.13   3709629.94       21.84072  (19012706)                436104.34
3709607.89       21.77611  (20120701)
        436110.55   3709585.83       21.64235  (20012802)                435936.66
3710203.29       23.92311  (20040703)
        435937.41   3710226.36       24.11724  (21012104)                435938.15
3710249.43       24.46587  (18122603)
        435842.85   3710184.72       21.77947  (21010119)                435848.99
3710162.92       21.60501  (21120101)
        435855.13   3710141.12       22.08792  (21070705)                435861.27
3710119.32       24.44150  (20030806)
        435867.41   3710097.51       21.62611  (19012622)                435873.55
3710075.71       21.56501  (21011401)
        435879.69   3710053.91       21.72042  (21011805)                435885.83
3710032.11       21.54511  (21011401)
        435891.97   3710010.31       21.36700  (18010305)                435898.11
3709988.51       21.22598  (20022805)
        435904.25   3709966.70       21.32355  (18011320)                435910.39
3709944.90       21.18146  (21122023)
        435916.53   3709923.10       21.15970  (18020703)                435922.67
3709901.30       21.22863  (18021602)
        435928.81   3709879.50       21.13359  (19120905)                435934.95
3709857.70       21.21405  (17121519)
        435941.09   3709835.90       21.77917  (17122802)                435947.23
3709814.09       21.80205  (18011723)
        435953.37   3709792.29       21.90532  (18010801)                435959.51
3709770.49       21.73734  (18013020)
        435965.65   3709748.69       21.57157  (21111424)                435971.78
3709726.89       21.50795  (20020104)
        435977.92   3709705.09       21.24469  (19121121)                435984.06
3709683.28       20.87472  (18121005)
        435990.20   3709661.48       20.65182  (21011001)                435996.34
3709639.68       20.36951  (17010802)
        436002.48   3709617.88       20.13781  (18120407)                436008.62
3709596.08       19.86283  (17120205)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436014.76	3709574.28	19.69478	(20100124)	436020.90	3709552.48	19.47401	(18121605)
436027.04	3709530.67	19.42434	(18011805)	435836.72	3710206.52	21.52958	(21010119)
435837.46	3710229.59	21.80520	(19012120)	435838.21	3710252.66	21.92840	(20020103)
435742.85	3710188.16	19.83802	(18011122)	435748.93	3710166.56	20.04812	(21010119)
435761.09	3710123.37	20.00837	(17121022)	435773.25	3710080.19	20.57886	(20030806)
435779.33	3710058.59	19.72870	(18012319)	435791.50	3710015.40	19.74058	(21011805)
435797.58	3709993.81	19.67088	(18010305)	435809.74	3709950.62	19.41178	(18120624)
435821.90	3709907.43	19.35727	(21122023)	435827.98	3709885.84	19.26115	(17120801)
435840.15	3709842.65	19.23606	(18020506)	435846.23	3709821.06	19.16367	(21122021)
435858.39	3709777.87	19.71220	(17121901)	435870.55	3709734.68	19.63489	(19012001)
435876.63	3709713.09	19.42346	(18020307)	435888.79	3709669.90	19.16880	(18010507)
435894.87	3709648.31	19.04307	(19122821)	435907.04	3709605.12	18.77897	(21012024)
435919.20	3709561.93	18.46373	(21011402)	435925.28	3709540.34	18.22871	(18011405)

```
        435937.44   3709497.15       17.94885  (17123006)                435737.51
3710232.82       20.04618  (20020103)
        435738.26   3710255.89       20.00877  (17121306)                435643.01
3710190.98       18.38720  (19121021)
        435649.21   3710168.98       18.39737  (19011420)                435655.40
3710146.98       18.37810  (21010119)
        435661.60   3710124.98       18.34342  (21012104)                435667.79
3710102.99       18.31557  (18122305)
        435673.99   3710080.99       19.06929  (21070705)                435680.18
3710058.99       19.78840  (20030806)
        435686.38   3710036.99       18.00992  (19012622)                435692.57
3710015.00       17.98979  (20120101)
        435698.77   3709993.00       18.35465  (21031806)                435704.96
3709971.00       18.08746  (20120804)
        435711.16   3709949.00       17.92905  (17121402)                435717.35
3709927.00       17.81108  (18120624)
        435723.55   3709905.01       17.83989  (20122319)                435729.74
3709883.01       17.80279  (19012621)
        435735.94   3709861.01       17.67178  (21122023)                435742.13
3709839.01       17.52014  (21021721)
        435748.33   3709817.01       17.50582  (18020506)                435754.52
3709795.02       17.49387  (17010701)
        435760.72   3709773.02       17.51571  (17010701)                435766.91
3709751.02       17.78240  (18012704)
        435773.11   3709729.02       18.08513  (18012924)                435779.30
3709707.02       17.99780  (19012804)
        435785.50   3709685.03       17.98996  (19012001)                435791.69
3709663.03       17.78805  (17123106)
        435797.89   3709641.03       17.73220  (18011508)                435804.08
3709619.03       17.65849  (18010208)
        435810.28   3709597.03       17.50742  (18021701)                435816.47
3709575.04       17.40320  (21012024)
        435822.66   3709553.04       17.29927  (20010621)                435828.86
3709531.04       17.16705  (18021323)
        435835.05   3709509.04       17.13068  (18012419)                435841.25
3709487.04       16.94552  (18012419)
        435847.44   3709465.05       16.73958  (18011906)                435853.64
3709443.05       16.64048  (17123006)
        435859.83   3709421.05       16.47106  (18011121)                435636.82
3710212.98       18.35198  (20020103)
        435637.56   3710236.05       18.32918  (17120219)                435638.31
3710259.12       18.38354  (19022424)
        435543.01   3710194.40       16.90402  (20020103)                435549.15
3710172.60       16.93342  (19121021)
        435555.29   3710150.80       16.98750  (18012922)                435561.43
3710129.00       16.88237  (21012104)
        435567.57   3710107.20       16.81242  (21010119)                435573.71
3710085.40       16.87083  (18122305)
        435579.85   3710063.59       16.93814  (18122305)                435585.99
3710041.79       18.68863  (21070705)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	16.73504	(20120804)	435622.83	3709910.98	16.54121	(18010305)
435628.96	3709889.18	16.45587	(18120624)	435635.10	3709867.38	16.49141	(18011322)
435641.24	3709845.58	16.41601	(17010722)	435647.38	3709823.78	16.38224	(18011803)
435653.52	3709801.98	16.28746	(18020401)	435659.66	3709780.17	16.19872	(21021721)
435665.80	3709758.37	16.17319	(20012808)	435671.94	3709736.57	16.11531	(17120202)
435678.08	3709714.77	16.23287	(18012704)	435684.22	3709692.97	16.57978	(18012924)
435690.36	3709671.17	16.64878	(17121824)	435696.50	3709649.36	16.61669	(21013123)
435702.64	3709627.56	16.56782	(19012001)	435708.78	3709605.76	16.44121	(17123106)
435714.92	3709583.96	16.43327	(18020301)	435721.06			

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3709562.16       16.49273  (18011323)
        435727.20   3709540.36       16.45276  (19010908)                435733.34
3709518.56       16.19480  (20122908)
        435739.48   3709496.75       16.07824  (21012024)                435745.62
3709474.95       16.06514  (21011220)
        435751.76   3709453.15       15.90224  (18021323)                435757.89
3709431.35       15.83995  (18011405)
        435764.03   3709409.55       15.62457  (17012824)                435770.17
3709387.75       15.56592  (20022806)
        435776.31   3709365.94       15.44087  (18120808)                435536.87
3710216.20       16.80584  (17120219)
        435537.62   3710239.27       16.84893  (18121622)                435538.36
3710262.34       16.84125  (18012301)
        436998.29   3710253.17      124.42322  (20013119)                437006.23
3710275.99      132.64648  (20120723)
        437014.16   3710298.81      146.81882  (20120106)                436943.13
3710246.78      107.96189  (17122219)
        436951.07   3710269.60      118.30718  (21010704)                436959.00
3710292.42      129.92584  (21011606)
        436966.94   3710315.24      142.12689  (20121921)                436891.78
3710240.99       94.81219  (20120119)
        436895.90   3710263.20       98.81540  (20121703)                436903.84
3710286.02      103.71034  (20122108)
        436911.78   3710308.84      108.97823  (17011808)                436919.71
3710331.66      117.45309  (18010502)
        436845.01   3710259.88       92.82603  (20122106)                436856.62
3710302.45      100.39666  (18012419)
        436864.55   3710325.27      104.96391  (21011220)                436872.49
3710348.09      110.61012  (20012308)
        436798.02   3710277.54       88.52337  (20022724)                436809.39
3710318.87       95.13381  (17122721)
        436817.33   3710341.69       98.38021  (18011204)                436825.26
3710364.51       99.18578  (18013122)
        436750.11   3710290.26       81.96535  (18020206)                436745.98
3710268.05       80.25501  (18012923)
        436741.86   3710245.83       77.15859  (18122122)                436754.23
3710312.48       83.40059  (21111303)
        436762.16   3710335.30       84.86624  (18020401)                436770.10
3710358.12       88.32120  (21010208)
        436778.04   3710380.94       91.16663  (18020222)                436703.15
3710308.17       73.95668  (18011124)
        436695.46   3710266.70       72.18453  (20121223)                436714.94
3710351.72       77.86677  (18011322)
        436722.88   3710374.54       81.82963  (21011401)                436730.81
3710397.36       82.62513  (18011608)
        436655.38   3710321.63       67.94820  (21102903)                436650.98
3710297.93       66.57161  (18011803)
        436646.58   3710274.24       64.63122  (18020204)                436642.19
3710250.54       63.69648  (20022704)
        436659.78   3710345.33       70.29439  (21011805)                436667.71
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3710368.15   72.02356 (21010908)
        436675.65   3710390.97   73.41426 (17121324)   436683.59
3710413.79   75.66027 (20040703)
        436608.43   3710339.54   63.19402 (17121101)   436604.31
3710317.32   62.15083 (20120804)
        436600.18   3710295.10   60.72148 (20121923)   436591.94
3710250.67   57.82166 (17122701)
        436612.55   3710361.75   64.33323 (18011608)   436620.49
3710384.57   65.69169 (19012701)
        436628.43   3710407.39   67.93225 (18012922)   436636.36
3710430.21   68.29332 (19121502)
        436561.40   3710357.02   58.30299 (21012104)   436553.55
3710314.70   57.19882 (19121506)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                    INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436446.14 3710277.73 47.25957 (21012102) 436442.02 3710255.51 46.75384 (20120804)
436470.88 3710411.03 50.90244 (20012003) 436478.81 3710433.85 51.83359 (19121205)
436486.75 3710456.67 52.62645 (18010202) 436494.69 3710479.49 53.37314 (21022402)
436372.15 3710420.84 43.81968 (19121205) 436367.87 3710397.80 43.22303 (18121123)
436363.60 3710374.76 42.65100 (18020706) 436359.32 3710351.72 42.50111 (19122019)
436355.05 3710328.68 41.78709 (18012922) 436350.77 3710305.64 41.31883 (21012104)
436346.50 3710282.60 40.65329 (17122921) 436342.22 3710259.56 41.42965 (20030806)
436376.43 3710443.88 44.10807 (18121006) 436384.36 3710466.70 44.76612 (17021401)
436392.30 3710489.52 45.11947 (19022601) 436400.24 3710512.34 46.94853 (19120507)
436277.58 3710453.03 38.19245 (18121006) 436273.18 3710429.33 37.94217 (18120901)
436268.78 3710405.63 37.64330 (19121205) 436264.38 3710381.94 37.12212 (17121007)
436259.99 3710358.24 36.69544 (21010723) 436255.59 3710334.54 36.43225 (19121021)
436251.19 3710310.84 35.74301 (18122603) 436246.79 3710287.15 35.39167 (20040703)
436242.39 3710263.45 34.62578 (17122921) 436281.98 3710476.73 38.44396 (19123005)
436289.91 3710499.55 39.15844 (18120223) 436297.85 3710522.37 40.40186 (21021603)
436305.79 3710545.19 41.29964 (20011201) 436183.40 3710487.36 33.46972 (20021604)
436175.16 3710442.93 33.28875 (17120804) 436171.03 3710420.71 33.07646 (18122605)
436166.91 3710398.49 33.02390 (20010520) 436162.79 3710376.28 32.56712 (19121205)
436158.66 3710354.06 32.11319 (17121722) 436154.54 3710331.84 31.77358 (17121306)
436146.29 3710287.41 31.07250 (18122603) 436142.17 3710265.19 30.88305 (21010119)
436187.52 3710509.57 34.43311 (19120306) 436195.46 3710532.39 35.17940 (17120104)
436203.40 3710555.21 35.75377 (19120703) 436211.33 3710578.03 36.17970 (17122419)
436088.85 3710519.64 30.58416 (18022124) 436084.62 3710496.85 29.56899 (18021023)
436080.39 3710474.07 29.28573 (19123005) 436076.16 3710451.28 29.36466 (20122224)
436071.93 3710428.49 29.37761 (17121118) 436067.70 3710405.71 29.12697 (18061924)

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        436063.47   3710382.92       28.94253  (20010520)                436059.24
3710360.14       28.58039  (18012301)
        436055.02   3710337.35       28.20403  (19121607)                436050.79
3710314.56       27.95113  (20010607)
        436046.56   3710291.78       27.85759  (19121021)                436042.33
3710268.99       27.44832  (19012120)
        436093.07   3710542.42       30.93972  (18021603)                436101.01
3710565.24       31.38090  (19120703)
        436108.95   3710588.06       31.63215  (18120524)                436116.88
3710610.88       31.62863  (21020822)
        435994.30   3710552.00       27.27047  (19121620)                435989.98
3710528.72       26.99880  (20021207)
        435985.67   3710505.45       26.62453  (19120306)                435981.35
3710482.18       25.93247  (19120904)
        435977.03   3710458.90       25.93193  (18121201)                435972.71
3710435.63       25.89458  (21120623)
        435968.39   3710412.35       25.83899  (18121006)                435964.07
3710389.08       25.96949  (18120901)
        435959.75   3710365.81       25.80767  (18011804)                435955.43
3710342.53       25.52350  (20121803)
        435951.11   3710319.26       25.20358  (19022424)                435946.79
3710295.98       25.01021  (20010607)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 691
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                  INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

435942.47	3710272.71	24.83141	(19121021)	435998.62	3710575.27	27.44136	(20121706)
436006.56	3710598.09	27.69930	(17122419)	436014.50	3710620.91	27.73311	(17121018)
436022.43	3710643.73	28.00470	(20011224)	435899.77	3710584.43	24.19069	(20011201)
435895.38	3710560.73	24.12384	(19010620)	435890.98	3710537.03	23.81216	(19011221)
435886.58	3710513.33	23.74308	(19120306)	435882.18	3710489.64	23.16328	(21021603)
435877.79	3710465.94	23.20341	(20011522)	435873.39	3710442.24	23.15201	(21120623)
435868.99	3710418.54	23.13113	(17121118)	435864.59	3710394.85	22.77069	(18010202)
435860.19	3710371.15	22.86292	(21010122)	435855.80	3710347.45	22.87102	(21010122)
435851.40	3710323.75	22.54334	(20121803)	435847.00	3710300.06	22.30038	(19122021)
435842.60	3710276.36	22.08529	(18020706)	435904.17	3710608.12	24.26743	(19010906)
435912.11	3710630.94	24.29109	(21020822)	435920.05	3710653.76	24.62031	(18123003)
435927.98	3710676.58	24.71618	(18123003)	435805.52	3710618.32	21.73203	(17121018)
435801.31	3710595.67	21.65319	(17021523)	435797.11	3710573.02	21.70920	(19122001)
435792.91	3710550.36	21.75043	(18021603)	435788.70	3710527.71	21.59454	(19123003)
435784.50	3710505.06	21.31992	(19021707)	435780.30	3710482.41	20.58000	(20021604)
435776.09	3710459.76	20.71135	(18013107)	435771.89	3710437.10	20.51895	(21120623)
435767.68	3710414.45	20.63281	(20122224)	435763.48	3710391.80	20.32234	(17021101)
435759.28	3710369.15	20.44407	(18120901)	435755.07	3710346.50	20.58339	(21092804)
435750.87	3710323.84	20.55923	(17121007)	435746.66	3710301.19	20.22250	(20121803)
435742.46	3710278.54	20.14256	(19022424)	435809.72	3710640.97	21.55364	(19120923)
435817.66	3710663.79	21.81288	(19012108)	435825.60	3710686.61	21.80295	(21012123)
435833.53	3710709.43	21.94392	(18121122)	435711.00	3710650.78	20.43360	(19012108)
435706.72	3710627.74	20.14359	(19010608)	435702.44	3710604.70	19.76037	(17123020)
435698.17	3710581.66	19.79513	(21010422)	435693.89	3710558.63	19.76410	(19010621)
435689.62	3710535.59	19.60637	(21012106)	435685.34			

3710512.55   19.45182 (18120223)
        435681.07   3710489.51   19.03062 (18120223)   435676.79
3710466.47   18.61664 (17011323)
        435672.51   3710443.43   18.62215 (18013107)   435668.24
3710420.39   18.68163 (17121107)
        435663.96   3710397.35   18.53056 (20122224)   435659.69
3710374.31   18.37991 (21010722)
        435655.41   3710351.27   18.57727 (20010520)   435651.14
3710328.23   18.79036 (21010122)
        435646.86   3710305.19   18.60797 (19012507)   435642.59
3710282.16   18.41215 (21061603)
        435715.27   3710673.82   20.44307 (18122520)   435723.21
3710696.64   20.45270 (20010306)
        435731.14   3710719.46   20.41430 (19021002)   435739.08
3710742.28   20.46784 (17012620)
        435616.48   3710683.29   19.28619 (18121221)   435612.14
3710659.90   19.23675 (19011806)
        435607.80   3710636.51   19.31350 (18031607)   435603.46
3710613.13   19.12790 (17121321)
        435599.12   3710589.74   19.32281 (17121120)   435594.78
3710566.36   19.29817 (20010923)
        435590.44   3710542.97   19.23897 (21022603)   435586.10
3710519.59   19.28687 (18121323)
        435581.76   3710496.20   18.90537 (18120223)   435577.42
3710472.81   18.13096 (18122120)
        435573.08   3710449.43   17.70050 (18022602)   435568.74
3710426.04   17.55290 (20123104)
        435564.40   3710402.66   17.34482 (17121107)   435560.06
3710379.27   17.01549 (18010202)
        435555.72   3710355.89   16.98263 (18120901)   435551.38
3710332.50   17.13335 (20010520)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                    INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435547.04	3710309.12	17.19399	(21010122)	435542.70	3710285.73	16.94413	(18012301)
435620.82	3710706.67	19.29697	(21013122)	435628.76	3710729.49	19.20540	(19013107)
435636.69	3710752.31	19.40420	(17021424)	435644.63	3710775.13	19.99555	(18021524)
437027.39	3710326.68	156.93675	(21021821)	437038.31	3710349.01	135.54365	(20122920)
437049.22	3710371.33	133.05122	(20120807)	436982.47	3710348.64	167.47477	(21011519)
436993.39	3710370.97	186.35625	(21011519)	437004.30	3710393.30	208.47064	(21112723)
436937.55	3710370.61	142.26335	(21011406)	436948.47	3710392.93	159.98180	(17011607)
436959.39	3710415.26	183.80858	(21040903)	436881.72	3710370.24	114.19479	(17122808)
436892.63	3710392.57	117.92248	(17122808)	436903.55	3710414.89	124.57959	(20102504)
436914.47	3710437.22	176.05684	(20102504)	436836.80	3710392.20	103.63882	(20121923)
436847.72	3710414.53	109.36413	(20030806)	436858.63	3710436.86	110.96781	(19062806)
436869.55	3710459.18	116.19404	(21123108)	436791.88	3710414.17	94.00039	(18011608)
436802.80	3710436.49	94.26812	(19012308)	436813.71	3710458.82	98.55223	(20040703)
436824.63	3710481.15	100.40029	(19041204)	436746.96	3710436.13	83.88047	(19122019)
436757.88	3710458.46	83.72652	(20010308)	436768.80	3710480.78	83.06896	(18112206)
436779.71	3710503.11	89.75673	(19011221)	436692.82	3710435.94	75.56955	(19122122)
436702.05	3710458.09	74.53575	(19121205)	436712.96	3710480.42	73.11473	(20122224)
436723.88	3710502.75	76.51609	(21021603)	436734.80	3710525.07	80.02825	(19121620)
436650.21	3710463.44	68.67059	(19121202)	436668.04	3710502.38	71.46693	(19120507)
436678.96	3710524.71	74.88440	(19010621)	436689.88	3710547.04	77.96160	(20121422)

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        436604.52   3710483.56       64.71893  (20010303)                436623.13
3710524.34       68.91146  (19123003)
        436634.04   3710546.67       70.23041  (17120201)                436644.96
3710569.00       71.40410  (18011106)
        436513.14   3710523.79       56.41934  (18011607)                436503.92
3710501.64       54.70022  (19120507)
        436522.37   3710545.94       57.19775  (17021522)                436533.29
3710568.27       58.07421  (20021203)
        436544.21   3710590.60       59.06790  (18122522)                436555.12
3710612.92       59.80977  (19011305)
        436424.46   3710570.49       48.75713  (17011721)                436443.45
3710612.20       49.84350  (17021505)
        436454.37   3710634.52       50.42970  (19122402)                436465.29
3710656.85       50.91833  (21021505)
        436333.47   3710611.64       42.46904  (21022407)                436324.24
3710589.49       41.87193  (17012821)
        436315.01   3710567.34       41.67366  (17120201)                436342.70
3710633.79       42.63345  (18121122)
        436353.62   3710656.12       43.04364  (21021422)                436364.53
3710678.45       43.52429  (21021703)
        436375.45   3710700.77       44.03671  (20011302)                436244.56
3710657.78       36.95313  (17012620)
        436227.95   3710617.91       36.66194  (20011224)                436263.78
3710700.05       37.44821  (21021703)
        436274.70   3710722.37       37.89225  (20011302)                436285.61
3710744.70       38.20548  (19021706)
        436153.80   3710699.49       32.66190  (21011903)                436144.57
3710677.34       32.34161  (17012620)
        436135.34   3710655.19       32.25078  (19021002)                436126.11
3710633.04       31.91379  (18011106)
        436163.03   3710721.65       32.73620  (21021422)                436173.94
3710743.97       33.00587  (19121920)
        436184.86   3710766.30       33.45952  (20011302)                436195.78
3710788.63       33.45723  (19020302)
        436064.73   3710745.27       28.67072  (21021703)                436047.81
3710704.65       28.54469  (18011820)
        436084.11   3710787.90       29.30067  (20121507)                436095.03
3710810.22       29.32930  (20021123)
        436105.94   3710832.55       29.26200  (21010123)                435974.13
3710787.34       25.28306  (21021505)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 693
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
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INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 , L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 , L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 , L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	25.19813	(21021422)	435955.67	3710743.04	25.07462	(18011907)
435946.44	3710720.89	24.76204	(19122020)	435937.21	3710698.74	24.68567	(19021002)
435983.36	3710809.50	25.48551	(20012407)	435994.27	3710831.82	25.39117	(19122118)
436005.19	3710854.15	25.35432	(19122507)	436016.11	3710876.48	25.16297	(21010123)
435884.95	3710832.85	22.70720	(19122118)	435867.81	3710791.71	22.43898	(17121122)
435850.67	3710750.57	22.10108	(19122402)	435904.44	3710875.75	22.77450	(18012322)
435915.35	3710898.08	22.72264	(19101307)	435926.27	3710920.40	22.77612	(18121106)
435794.45	3710875.20	21.60550	(21120104)	435785.23	3710853.04	21.79116	(18120706)
435776.00	3710830.89	21.90425	(19120305)	435766.77	3710808.74	21.74069	(17080606)
435757.54	3710786.59	21.22317	(20122902)	435748.31	3710764.43	20.76248	(20122804)
435803.68	3710897.35	21.32552	(18020501)	435814.60	3710919.67	21.02314	(17120906)
435825.52	3710942.00	20.99617	(19021006)	435836.43	3710964.33	20.98716	(20021121)
435705.19	3710920.51	20.05753	(18020501)	435687.89	3710878.97	20.75561	(19120305)
435670.59	3710837.43	21.14486	(18020405)	435724.76	3710963.60	19.79688	(17021422)
435735.68	3710985.93	19.44659	(18022821)	435746.60	3711008.25	19.33215	(20121903)
437052.65	3710321.47	89.97111	(21091608)	437017.82			

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3710373.27      204.02041  (21122223)
        436964.72   3710362.63      159.03547  (17120321)                436881.73
3710306.83      103.72412  (20020120)
        436863.46   3710244.40       92.79568  (20122023)                436828.63
3710296.20       95.88588  (20020119)
        436810.36   3710233.77       85.02798  (20120423)                436662.66
3710184.60       63.37029  (18020124)
        436538.19   3710100.90       49.12172  (18021701)                436383.83
3709972.03       36.59513  (17010802)
        436289.23   3709933.50       32.19610  (18021701)                436123.27
3709821.90       25.50833  (18021701)
        435920.75   3709585.43       18.75795  (17121003)                436987.78
3710422.82      222.17867  (17031905)
        436981.82   3710445.14      262.00861  (21110223)                436975.87
3710467.47      273.52822  (21110503)
        436969.92   3710489.80      269.26187  (21123108)                436921.61
3710476.92      199.02930  (21123108)
        436904.79   3710367.02      120.84355  (18011508)                436851.94
3710364.15      107.76328  (20022721)
        436776.67   3710438.27       89.35572  (19012308)                436746.22
3710358.41       83.64698  (20120804)
        436726.55   3710282.45       77.80876  (20121223)                436691.95
3710367.85       76.26356  (19062806)
        436618.82   3710281.14       62.05885  (19012722)                436589.38
3710364.41       61.38217  (21012104)
        436570.02   3710269.33       56.64285  (18011322)                436612.64
3710175.47       58.12983  (18011508)
        436535.11   3710373.86       56.28176  (21012104)                436465.44
3710261.09       48.61115  (21070705)
        436483.63   3710221.04       48.37323  (18011120)                436501.81
3710180.99       48.09620  (20020106)
        436520.00   3710140.95       49.44777  (19012001)                436438.49
3710348.09       47.87220  (18012922)
        436369.27   3710234.32       41.37443  (21011805)                436378.82
3710213.30       41.09476  (17121402)
        436388.37   3710192.27       41.13463  (18020723)                436397.91
3710171.25       41.08681  (17120801)
        436407.46   3710150.22       40.96766  (20020106)                436417.01
3710129.20       41.19214  (18020404)
        436426.56   3710108.17       42.39328  (21010905)                436436.11
3710087.15       42.59898  (19012001)
        436445.65   3710066.12       42.37297  (18020806)                436272.19
3710209.56       35.67906  (21011805)
        436290.38   3710169.51       35.50861  (18122401)                436308.56
3710129.47       35.58914  (17120801)
        436326.75   3710089.42       35.38246  (21122021)                436344.94
3710049.37       36.71847  (19012804)
        436363.12   3710009.32       36.73698  (18020806)                436175.92
3710183.03       31.16347  (21012102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436185.36	3710162.23	31.23667	(21011805)	436194.80	3710141.44	31.15879	(17121402)
436204.25	3710120.64	31.12421	(20022805)	436213.69	3710099.85	31.26590	(19012621)
436223.13	3710079.06	31.24871	(17120801)	436232.58	3710058.26	31.16188	(18020506)
436242.02	3710037.47	31.09030	(17010701)	436251.46	3710016.67	32.10223	(18022323)
436260.90	3709995.88	32.32798	(18011404)	436270.35	3709975.09	32.41352	(21011405)
436279.79	3709954.29	32.33636	(18011205)	436166.47	3710203.82	33.45550	(21031806)
436160.52	3710226.15	32.17774	(21031806)	436078.94	3710158.03	27.52071	(18012319)
436097.13	3710117.98	27.82724	(21011401)	436115.32	3710077.94	27.64803	(20122319)
436133.50	3710037.89	27.67721	(17120801)	436151.69	3709997.84	27.46565	(19120905)
436169.88	3709957.79	28.54773	(17121824)	436188.06	3709917.75	28.68804	(18013020)
436063.90	3710200.38	28.22188	(21070705)	435982.60	3710131.64	24.55173	(17121221)

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        435991.98   3710110.99       24.61417  (19012622)              436001.36
3710090.34       24.60936  (21011805)
        436010.74   3710069.69       24.59218  (17121402)              436020.11
3710049.04       24.45311  (20121923)
        436029.49   3710028.39       24.60688  (18011320)              436038.87
3710007.74       24.73224  (21122023)
        436048.25   3709987.09       24.74994  (19062806)              436057.62
3709966.45       24.73377  (18010304)
        436067.00   3709945.80       24.62264  (21122021)              436076.38
3709925.15       25.10657  (20121601)
        436085.76   3709904.50       25.59656  (17122802)              436095.13
3709883.85       25.82368  (18010801)
        436104.51   3709863.20       25.69838  (18013020)              436113.89
3709842.55       25.67708  (18011205)
        435973.23   3710152.29       27.32200  (20030806)              435967.27
3710174.62       24.84144  (21070705)
        435961.32   3710196.94       24.35041  (21120101)              435894.79
3710086.48       22.19955  (21012102)
        435912.98   3710046.43       22.34078  (21011401)              435931.16
3710006.38       22.04455  (18120624)
        435949.35   3709966.34       22.17617  (21122023)              435967.54
3709926.29       22.31191  (17122701)
        435985.72   3709886.24       22.45009  (17121519)              436003.91
3709846.19       23.16429  (18011723)
        436022.10   3709806.15       23.21217  (18013020)              435807.98
3710039.11       20.21400  (21012102)
        435817.31   3710018.56       20.15398  (20120804)              435826.64
3709998.01       20.14134  (17121402)
        435835.97   3709977.46       20.05891  (18122401)              435845.31
3709956.91       20.10314  (18020723)
        435854.64   3709936.36       20.10538  (19012621)              435863.97
3709915.81       20.12801  (17120801)
        435873.30   3709895.25       20.06767  (18010304)              435882.64
3709874.70       20.29189  (18010304)
        435891.97   3709854.15       20.24383  (21122021)              435901.30
3709833.60       20.51595  (19033001)
        435910.63   3709813.05       21.05296  (21010905)              435919.97
3709792.50       21.11851  (17020207)
        435929.30   3709771.95       21.26673  (17121205)              435938.63
3709751.40       21.15684  (18013020)
        435947.97   3709730.85       21.14041  (18011205)              435768.07
3710145.42       20.04231  (21120101)
        435721.55   3709990.90       18.46448  (21011805)              435731.09
3709969.87       18.39238  (18010305)
        435740.64   3709948.85       18.31967  (18122401)              435750.19
3709927.82       18.31184  (18120624)
        435759.74   3709906.80       18.35759  (18011320)              435769.29
3709885.77       18.34746  (18011320)
        435778.83   3709864.75       18.31247  (17120801)              435788.38
3709843.72       18.30454  (18012703)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	16.88297	(18020222)	435661.13	3709885.40	16.90210	(18011322)
435670.43	3709864.92	16.85150	(17010722)	435679.73	3709844.44	16.86407	(19012722)
435689.03	3709823.97	16.82069	(19012722)	435698.33	3709803.49	16.76280	(17122701)
435707.63	3709783.01	16.78320	(18020506)	435716.93	3709762.53	16.80122	(18120301)
435726.23	3709742.05	16.98537	(18020404)	435735.53	3709721.57	17.38891	(20121601)
435744.83	3709701.09	17.52366	(17122802)	435754.13	3709680.61	17.53627	(17121824)
435772.73	3709639.66	17.37078	(18011506)	436969.01			

3710524.96 209.64930 (18112206)
436970.50 3710565.89 217.52670 (20091302) 436918.30
3710506.32 168.12040 (18061924)
436919.79 3710547.25 155.06385 (21011903) 436921.28
3710588.18 153.24490 (21020906)
436869.98 3710493.44 128.56105 (18061924) 436869.07
3710528.60 126.01369 (19121620)
436870.56 3710569.53 116.98080 (18122421) 436818.36
3710509.96 104.93248 (18012918)
436819.85 3710550.89 98.84564 (18121122) 436821.34
3710591.82 101.70364 (21011701)
436769.14 3710532.24 86.24898 (17021522) 436770.63
3710573.17 92.26781 (17012620)
436724.39 3710460.67 76.84739 (20010308) 436719.92
3710554.52 82.04791 (18011106)
436721.41 3710595.45 82.96078 (17021323) 436674.25
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436670.70 3710576.81 75.32135 (18122522) 436625.11
3710458.43 66.42200 (20010520)
436620.73 3710578.63 68.09329 (18122601) 436570.66
3710500.15 61.15895 (18102607)
436569.27 3710539.52 62.13996 (17020104) 436570.76
3710580.45 61.93283 (20010306)
436522.70 3710484.12 55.81291 (21022402) 436526.84
3710447.36 56.26702 (21010122)
436530.97 3710410.61 56.14508 (21101620) 436521.54
3710602.73 56.69701 (17022702)
436423.04 3710485.30 47.39324 (18012222) 436427.45
3710446.10 47.76357 (18010202)
436431.87 3710406.90 47.87476 (18122121) 436419.37
3710544.97 48.55114 (19122001)
436421.61 3710606.37 48.14057 (17121601) 436320.80
3710509.44 41.51008 (18120223)
436325.01 3710472.01 40.90618 (18012222) 436329.22
3710434.59 41.16404 (18120901)
436333.44 3710397.17 41.06782 (19120501) 436337.65
3710359.75 40.95999 (20020103)
436220.97 3710512.18 36.11574 (19120306) 436225.38
3710472.98 35.53631 (18012222)
436229.79 3710433.78 35.76685 (17021101) 436234.21
3710394.57 35.99361 (17121007)
436120.95 3710516.52 31.70110 (19021707) 436125.21
3710478.72 30.98689 (20021604)
436129.46 3710440.91 31.33871 (18121006) 436133.72
3710403.11 31.67712 (20010520)
436137.98 3710365.31 31.45581 (18011804) 436021.10
3710519.46 28.12537 (18022124)
436025.51 3710480.25 27.35161 (19041204) 436029.92
3710441.05 27.71617 (20121205)
436034.34 3710401.85 28.02395 (18120901) 436019.64

3710559.52   28.18590 (19122001)
        435921.23   3710522.48   24.76025 (18122703)   435925.78
3710482.05   24.30213 (20021604)
        435930.34   3710441.63   24.73211 (21120623)   435934.89
3710401.20   24.94366 (18010202)
        435919.70   3710563.16   24.86710 (19122001)   435821.23
3710526.73   22.34996 (18122703)
        435825.64   3710487.53   21.72088 (17120402)   435830.06
3710448.33   21.94473 (21120623)
        435834.47   3710409.12   22.10454 (18010202)   435819.77
3710566.80   22.25903 (17120104)
        435721.36   3710529.86   20.22100 (21020107)   435725.88
3710489.62   19.64314 (18021023)
        435730.41   3710449.39   19.56010 (18121201)   435734.94
3710409.15   20.07854 (21123108)
        435757.59   3710207.98   20.24587 (20022624)   435719.84
3710570.44   20.33140 (18122201)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                 L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                 L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                 L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

435619.90 3710574.08 19.30259 (18011607) 435521.48
3710537.20 18.99630 (18102607)
435525.99 3710497.11 18.91990 (18120223) 435530.51
3710457.01 17.80924 (21022404)
435535.02 3710416.92 17.23918 (20123104) 435519.97
3710577.71 18.78768 (21020904)
435521.46 3710618.64 18.25503 (17121321) 436953.73
3710589.22 214.63419 (20091302)
436939.59 3710607.08 202.88638 (21031807) 436925.45
3710624.94 183.08450 (21101622)
436942.81 3710522.47 179.28814 (21022320) 436900.39
3710576.05 137.72904 (17021319)
436886.25 3710593.91 125.33984 (20121903) 436889.47
3710509.29 143.00484 (18012918)
436847.05 3710562.87 106.25050 (19120924) 436850.26
3710478.25 114.54824 (21090203)
436807.84 3710531.83 95.71369 (21010422) 436825.20
3710429.36 100.25275 (20120818)
436651.04 3710407.69 71.05954 (18012922) 436522.51
3710247.82 51.89039 (19121123)
436508.37 3710265.68 51.19672 (18010305) 436494.23
3710283.54 51.00398 (17121102)
436472.39 3710150.03 46.12622 (21111303) 436415.83
3710221.47 43.57100 (18020723)
436393.99 3710087.96 39.99004 (18011723) 436379.85
3710105.82 38.59034 (18012704)
436315.58 3710025.89 35.15935 (17121824) 436237.18
3709963.81 31.05078 (17121205)
436223.04 3709981.67 30.69474 (20022704) 436158.78
3709901.74 27.64515 (18010801)
436144.64 3709919.60 27.50893 (17121824) 436080.38
3709839.67 24.81452 (19010823)
436066.24 3709857.53 24.83162 (19012001) 436001.97
3709777.60 22.50406 (18011323)
435987.83 3709795.46 22.51488 (18011404) 435973.69
3709813.32 22.38206 (20022705)
435923.57 3709715.52 20.51472 (18011205) 435909.43
3709733.38 20.42392 (18013020)
435895.29 3709751.24 20.42517 (17121205) 435881.15
3709769.10 20.17364 (17020207)
435845.17 3709653.45 18.44263 (19122108) 435831.03
3709671.31 18.33892 (18010208)
435816.89 3709689.17 18.34622 (19010823) 435802.75
3709707.03 18.36958 (18010801)
436914.85 3710651.52 176.16943 (20091302) 436911.28
3710691.41 169.92205 (21051024)
436907.71 3710731.30 157.13202 (18060804) 436872.11
3710629.34 113.74077 (20122721)
436863.26 3710667.01 107.10836 (21031807) 436859.69
3710706.90 104.37375 (20050504)

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        436856.12   3710746.79      101.57744  (21051024)                436821.61
3710626.66       98.97995  (21010301)
        436813.46   3710662.55       95.46068  (17022623)                436809.89
3710702.44       91.71120  (21031807)
        436806.32   3710742.33       90.10116  (20050504)                436772.51
3710620.42       92.06116  (21011420)
        436793.71   3710567.27       96.33535  (21012123)                436763.66
3710658.09       88.37277  (21010201)
        436760.09   3710697.98       85.19677  (18122704)                436756.52
3710737.87       81.17773  (17012924)
        436742.14   3710567.24       85.91400  (19010402)                436715.65
3710633.68       81.06522  (20042320)
        436712.07   3710673.58       78.75404  (20123102)                436708.50
3710713.47       76.18110  (20123003)
        436672.91   3710611.51       74.94805  (21021703)                436708.24
3710522.92       77.36946  (19011221)
        436664.06   3710649.17       72.63934  (17120823)                436660.49
3710689.06       70.51010  (17121105)
        436656.92   3710728.95       68.02714  (18123108)                436622.79
3710607.85       67.56231  (18021320)
        436656.51   3710523.29       72.64388  (18122719)                436614.26
3710644.71       66.07653  (18021722)
        436610.69   3710684.60       64.33885  (19010502)                436607.11
3710724.50       62.42058  (20011602)
        436594.51   3710549.43       65.09481  (18012918)                436564.46
3710640.25       60.25253  (21011706)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 697
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE5   ***
                                   INCLUDING SOURCE(S):     L0004154    , L0004155
, L0004156    , L0004157    , L0004158    ,
                  L0004159    , L0004160    , L0004161    , L0004162    , L0004163
, L0004164    , L0004165    , L0004166    ,
                  L0004167    , L0004168    , L0004169    , L0004170    , L0004171
, L0004172    , L0004173    , L0004174    ,
                  L0004175    , L0004176    , L0004177    , L0004178    , L0004179
, L0004180    , L0004181    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	59.26179	(18010405)	436557.31	3710720.04	57.87399	(21012022)
436545.80	3710542.25	59.54409	(17020104)	436575.15	3710468.65	61.49410	(17120804)
436514.66	3710635.79	55.56847	(19122803)	436511.09	3710675.68	54.78658	(17120823)
436507.51	3710715.58	53.21347	(18122324)	436473.71	3710593.67	52.44043	(18121122)
436487.84	3710558.23	54.05047	(18122921)	436558.50	3710381.05	58.65882	(17121521)
436459.50	3710691.17	50.19427	(19010624)	436374.11	3710584.75	45.08994	(18121221)
436388.24	3710549.31	46.21152	(17012422)	436473.03	3710336.70	50.37343	(20120818)
436365.25	3710622.42	44.17567	(20021204)	436274.51	3710575.83	39.34305	(17122419)
436380.50	3710310.06	43.08330	(21012104)	436394.63	3710274.63	44.33754	(20030806)
436265.65	3710613.50	38.61107	(20011224)	436175.21	3710566.14	34.44068	(20121706)
436278.44	3710307.31	37.06818	(21010119)	436293.19	3710270.33	37.42728	(17121022)
436307.93	3710233.35	37.68102	(18012319)	436166.05	3710604.58	33.79999	(17121018)
436162.48	3710644.47	33.40548	(18121206)	436075.57	3710557.31	30.31849	(19122001)
436178.31	3710299.72	32.56436	(19012120)	436192.98	3710262.92	32.82624	(21012104)
436207.66	3710226.12	34.88542	(21031806)	436066.45	3710595.66	29.83494	(19010906)
436062.88	3710635.55	29.58041	(18123003)	436059.31	3710675.44	29.14052	(18121701)
436012.49	3710456.82	26.97906	(18122623)	436078.28	3710291.86	28.83044	(19121021)
436092.90	3710255.20	29.02791	(21010119)	436107.52	3710218.54	29.10569	(17121022)
435968.63	3710566.80	26.42811	(19120703)	435965.06	3710606.69	26.21098	(19122923)
435961.49	3710646.58	25.91124	(18123003)	435905.47	3710466.52	23.91033	(21120204)
435971.05	3710302.07	25.71758	(20010607)	435985.63	3710265.53	25.87675	(19012120)
436000.20	3710228.99	25.95273	(21010119)	436014.77	3710192.44	25.96743	(17121022)
436029.35	3710155.90	27.20021	(21110223)	435869.03			

3710557.88   23.38600 (20121522)
        435865.46   3710597.77   23.24772 (17122419)   435861.89
3710637.66   22.83178 (17011721)
        435805.77   3710457.84   21.50351 (18121201)   435834.85
3710384.94   22.03845 (18120901)
        435871.19   3710293.82   23.00923 (20010607)   435885.72
3710257.37   23.21363 (20020103)
        435900.26   3710220.92   23.04873 (21010119)   435914.79
3710184.47   23.16969 (21120101)
        435929.33   3710148.02   26.03028 (21070705)   435769.43
3710548.96   21.29499 (20121706)
        435765.86   3710588.85   21.02398 (18120524)   435762.29
3710628.74   20.75018 (18120421)
        435706.09   3710449.12   19.09592 (18121201)   435735.10
3710376.38   19.83067 (18122605)
        435771.36   3710285.46   20.66618 (19022424)   435785.87
3710249.09   20.87378 (20022624)
        435800.37   3710212.72   21.17440 (20102504)   435814.87
3710176.35   21.19808 (21010119)
        435829.38   3710139.99   21.27817 (17121022)   435843.88
3710103.62   22.36451 (20030806)
        435668.04   3710559.99   19.31858 (20121706)   435664.47
3710599.88   19.34696 (21020904)
        435660.90   3710639.77   19.86920 (19013002)   435599.18
3710458.52   17.94287 (20121808)
        435628.14   3710385.92   17.96258 (18010202)   435671.57
3710277.02   18.85197 (19122021)
        435686.05   3710240.72   19.19482 (18020706)   435700.52
3710204.42   19.38676 (19121021)
        435715.00   3710168.12   19.41312 (21012104)   435729.48
3710131.82   19.35225 (21120101)
        435743.95   3710095.52   21.15982 (21070705)   435794.62
3709968.47   19.34618 (18122401)
        435568.44   3710551.07   19.22861 (18012622)   435564.87
3710590.96   18.99485 (17121120)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                    INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                   L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                   L0004167   , L0004168   , L0004169   , L0004170   , L0004171

, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435561.30   3710630.85   18.73155 (21011622)   435478.02
3710503.66   18.77923 (18120223)
        435492.81   3710466.58   17.95907 (20121723)   435507.60
3710429.49   17.16562 (20121902)
        435522.39   3710392.41   16.81044 (19010408)   435566.76
3710281.16   17.27812 (20121803)
        435581.55   3710244.07   17.51409 (18121622)   435596.34
3710206.99   17.72633 (19012620)
        435611.13   3710169.90   17.73868 (18122603)   435625.92
3710132.82   17.86343 (21010119)
        435640.71   3710095.73   17.92541 (17121022)   435655.50
3710058.65   20.20660 (20030806)
        435468.84   3710542.15   18.49309 (19123003)   435465.27
3710582.04   18.32060 (17121120)
        435461.70   3710621.93   17.64693 (17121321)   436915.73
3710783.44   145.33657 (21111806)
        436907.55   3710762.62   140.57332 (19050206)   436937.15
3710806.27   142.73656 (20053122)
        436880.10   3710817.46   98.00878 (20012624)   436860.47
3710777.12   96.38286 (18070905)
        436903.71   3710843.43   105.12673 (20012624)   436845.57
3710853.05   83.71603 (20082304)
        436825.93   3710824.73   86.50424 (20121320)   436813.66
3710793.51   90.71751 (20092305)
        436870.26   3710880.60   94.58744 (20070405)   436811.47
3710889.27   71.10846 (21111806)
        436790.52   3710859.06   77.27201 (20110201)   436766.96
3710810.65   81.29830 (21051024)
        436761.74   3710774.26   78.67677 (21020106)   436836.82
3710917.77   87.06239 (21120223)
        436777.58   3710925.81   66.64295 (21090701)   436755.76
3710894.34   68.27638 (20110201)
        436733.95   3710862.87   72.41272 (21051024)   436720.32
3710828.18   68.75839 (21051024)
        436714.88   3710790.27   71.47826 (20021722)   436709.44
3710752.37   73.58623 (17020619)

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3710962.53       60.96501  (19112623)
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3710897.79       65.93619  (20030803)
        436673.70   3710845.92       61.13250  (18123107)               436668.11
3710806.93       64.90491  (18122408)
        436662.51   3710767.94       66.83251  (17020619)               436769.93
3710992.10       68.74219  (20070301)
        436711.42   3711001.19       51.54584  (19050206)               436691.06
3710971.82       60.15385  (20121320)
        436670.69   3710942.45       60.09984  (19050206)               436650.33
3710913.08       57.90118  (21090424)
        436627.42   3710866.01       52.96043  (21020106)               436622.35
3710830.63       57.00786  (20120821)
        436617.27   3710795.25       59.39645  (19012107)               436612.19
3710759.87       61.54687  (18022107)
        436736.48   3711029.27       60.43190  (21111806)               436677.68
3711037.94       46.95316  (19050206)
        436656.74   3711007.73       53.47935  (18070905)               436635.79
3710977.52       56.76391  (19050206)
        436614.84   3710947.30       53.74223  (21090424)               436593.90
3710917.09       49.38195  (20091302)
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3710847.40       54.56192  (20120821)
        436570.37   3710811.01       55.26893  (20022905)               436565.15
3710774.62       56.61638  (17022623)
        436703.04   3711066.44       53.38758  (21090705)               436644.00
3711074.77       45.24113  (20110201)
        436622.58   3711043.87       46.60315  (21031805)               436601.16
3711012.97       49.56290  (17010423)
        436579.73   3710982.07       49.97689  (21021007)               436558.31
3710951.17       44.73469  (21051024)
        436534.22   3710901.66       46.94440  (21031807)               436528.88
3710864.45       50.18311  (20120821)
        436523.54   3710827.23       50.89634  (20010724)               436518.20
3710790.01       51.99471  (17011201)
        436512.85   3710752.79       52.74070  (20011301)               436669.59
3711103.60       48.73702  (21090705)
        436610.36   3711111.65       43.09146  (20110201)               436588.54
3711080.18       43.30330  (21031805)
        436566.72   3711048.70       47.62350  (17010423)               436544.90
3711017.23       47.21525  (21021007)
        436523.08   3710985.76       42.72951  (21051024)               436501.26
3710954.29       40.41115  (17123102)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	42.72920	(20120821)	436482.19	3710881.70	44.72238	(17122305)
436476.75	3710843.79	46.60797	(18123106)	436471.31	3710805.88	47.89395	(19020906)
436465.87	3710767.98	48.41325	(20123102)	436460.43	3710730.07	48.97159	(21010123)
436636.15	3711140.77	45.47910	(20012624)	436543.15	3711185.53	38.54746	(20110201)
436520.71	3711153.16	37.32487	(20120819)	436498.27	3711120.79	39.99106	(21041803)
436475.83	3711088.42	39.86131	(21021007)	436453.38	3711056.05	38.93494	(21101622)
436430.94	3711023.68	36.35607	(21020106)	436408.50	3710991.31	36.91746	(21031807)
436394.48	3710955.63	38.36447	(20120821)	436388.89	3710916.64	38.81064	(20050504)
436383.29	3710877.65	39.62634	(18020322)	436377.69	3710838.66	40.78974	(20121406)
436372.10	3710799.67	41.32718	(18010320)	436366.50	3710760.68	42.00162	(18020503)
436360.91	3710721.69	42.87906	(19122506)	436569.25	3711215.11	37.12315	(21090705)
436476.70	3711260.50	33.51497	(19050206)	436455.14	3711229.40	31.92016	(21051104)
436433.58	3711198.30	34.28337	(21051104)	436412.02	3711167.20	35.07488	(17010423)
436390.45	3711136.10	35.19991	(21031805)	436368.89			

3711105.00 31.91474 (17121020)
436347.33 3711073.90 31.21761 (18121021) 436325.77
3711042.79 32.75550 (21031807)
436301.52 3710992.96 32.48722 (20120821) 436296.14
3710955.50 33.34202 (19120922)
436290.76 3710918.04 33.81703 (18120719) 436285.39
3710880.58 34.90259 (20121406)
436280.01 3710843.12 35.21227 (20123102) 436274.64
3710805.66 36.40057 (20122206)
436269.26 3710768.20 36.94169 (21010123) 436502.36
3711289.44 31.92227 (19020218)
436409.57 3711334.48 29.35430 (20082304) 436387.52
3711302.68 28.70542 (21051104)
436365.47 3711270.88 30.55279 (21051104) 436343.42
3711239.08 31.74076 (17010423)
436321.37 3711207.27 31.70976 (21102222) 436299.33
3711175.47 29.68854 (21051024)
436277.28 3711143.67 28.17398 (18121608) 436255.23
3711111.87 27.80879 (21121308)
436233.18 3711080.07 28.25382 (20120821) 436208.38
3711029.11 29.32896 (19020306)
436202.89 3710990.81 29.50477 (20022905) 436197.39
3710952.50 30.00629 (18120719)
436191.89 3710914.19 30.50431 (18010324) 436186.39
3710875.89 30.63260 (17012122)
436180.90 3710837.58 31.79210 (17121604) 436175.40
3710799.28 32.46987 (17011806)
436435.47 3711363.78 27.11564 (19112623) 436342.48
3711408.53 25.00426 (21090701)
436320.04 3711376.16 26.04706 (20011708) 436297.60
3711343.79 26.85352 (21051104)
436275.15 3711311.42 28.21775 (20091403) 436252.71
3711279.05 27.62984 (21090424)
436230.27 3711246.68 26.05615 (18121608) 436207.83
3711214.31 25.17908 (21021420)
436185.38 3711181.94 24.86270 (21122901) 436162.94
3711149.57 26.11760 (21101622)
436140.50 3711117.20 26.58178 (19083005) 436115.26
3711065.34 26.35083 (20010724)
436109.66 3711026.35 26.60163 (21022602) 436104.07
3710987.36 26.73137 (20122721)
436098.47 3710948.37 26.93164 (19010705) 436092.88
3710909.38 27.06391 (21012022)
436087.28 3710870.39 27.64631 (20122206) 436081.69
3710831.40 28.40191 (19122507)
436368.58 3711438.11 24.40166 (17020621) 436275.43
3711482.63 22.98249 (21090701)
436252.66 3711449.79 24.16576 (20011708) 436229.89
3711416.96 24.20994 (20121320)
436207.12 3711384.12 25.05665 (20091403) 436184.36

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436116.05   3711252.76   22.81179 (20020208)   436093.29
3711219.92   22.87071 (20021722)
        436070.52   3711187.08   23.58861 (21090624)   436047.75
3711154.24   23.87715 (19083005)
        436022.15   3711101.62   23.43676 (19120922)   436016.47
3711062.07   23.60791 (18020322)
        436010.79   3711022.52   24.09068 (19020906)   436005.12
3710982.96   24.14752 (20123102)
        435999.44   3710943.41   24.20700 (21010301)   435993.76
3710903.85   24.37422 (19011001)
        435965.38   3710706.08   25.54640 (17012620)   436301.69
3711512.44   22.42466 (18011005)
        436208.84   3711557.41   21.08788 (20051401)   436186.69
3711525.46   22.18528 (20011708)
        436164.53   3711493.50   22.73151 (20121320)   436142.38
3711461.55   22.89496 (19050206)
        436120.22   3711429.59   24.87880 (21051024)   436098.07
3711397.63   23.30097 (21102222)

```
        436075.91   3711365.68       22.97052  (18120418)                436053.76
3711333.72       21.65854  (17021102)
        436031.61   3711301.77       21.25743  (20101620)                436009.45
3711269.81       21.23842  (20111823)
        435987.30   3711237.86       21.24839  (21090624)                435965.14
3711205.90       21.50740  (19083005)
        435942.99   3711173.95       21.07164  (21120706)                435929.15
3711138.73       21.18322  (18122704)
        435923.62   3711100.24       21.36717  (17122304)                435918.10
3711061.75       21.64173  (18123105)
        435912.58   3711023.26       21.83089  (17011423)                435907.05
3710984.77       22.02192  (21120808)
        435901.53   3710946.28       22.24465  (18121106)                435873.91
3710753.83       22.55824  (21021422)
        435868.39   3710715.34       22.61086  (20011306)                435862.87
3710676.85       22.71001  (18121122)
        436234.80   3711586.78       20.86988  (18011005)                436141.81
3711631.54       19.77665  (17110107)
        436119.37   3711599.17       20.66053  (18070905)                436096.92
3711566.80       20.93609  (20121320)
        436074.48   3711534.43       20.95261  (21041803)                436052.04
3711502.06       23.01646  (20030803)
        436029.60   3711469.69       22.33310  (21090424)                436007.15
3711437.32       22.01869  (17061804)
        435984.71   3711404.95       21.87627  (18020907)                435962.27
3711372.58       21.07952  (20101620)
        435939.83   3711340.21       20.57243  (17011202)                435917.38
3711307.84       20.60623  (18020324)
        435894.94   3711275.47       20.15242  (21053006)                435872.50
3711243.10       19.69572  (21120706)
        435850.06   3711210.73       19.73052  (18081006)                435836.04
3711175.05       19.97577  (20022905)
        435830.44   3711136.06       20.14377  (17022623)                435824.85
3711097.07       20.14451  (21011201)
        435819.25   3711058.08       19.99052  (20011602)                435813.66
3711019.09       20.23567  (21010423)
        435808.06   3710980.10       20.40576  (20021121)                435802.47
3710941.11       20.77255  (18121203)
        435780.09   3710785.15       21.39621  (18011820)                435774.49
3710746.16       20.90462  (19010501)
        435768.89   3710707.17       20.84881  (21022407)                435763.30
3710668.18       20.79970  (21020822)
        436167.91   3711661.11       19.91531  (18011005)                436074.79
3711705.69       20.09014  (17021906)
        436052.10   3711672.96       20.73251  (21031805)                436029.41
3711640.23       20.91380  (20110201)
        436006.72   3711607.50       22.13455  (17010423)                435984.03
3711574.77       22.07023  (20030803)
        435961.33   3711542.04       22.07015  (21021007)                435938.64
3711509.31       22.04708  (17061804)
```

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5   ***
                                  INCLUDING SOURCE(S):   L0004154   , L0004155
, L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435720.30   3711053.71   18.81616 (19010706)   435714.65
3711014.28   18.88704 (18121106)
        435692.02   3710856.59   21.18606 (19120305)   435686.36
3710817.17   21.11728 (17121122)
        435680.70   3710777.75   20.53902 (19010501)   435675.04
3710738.33   19.71947 (20021601)
        435669.39   3710698.90   19.84525 (21012123)   436101.02
3711735.45   19.99559 (18011005)
        436008.14   3711780.37   18.75016 (17010202)   435985.92

3711748.33 19.14433 (21031805)
  435963.71 3711716.28 20.99756 (20110201) 435941.49
3711684.24 21.53275 (21041803)
  435919.28 3711652.20 22.60361 (21051024) 435897.06
3711620.15 22.24676 (21090701)
  435874.85 3711588.11 22.38711 (18060804) 435852.63
3711556.07 21.58637 (21101622)
  435830.41 3711524.02 19.23685 (17121020) 435808.20
3711491.98 19.30185 (21102222)
  435785.98 3711459.94 18.87439 (17123102) 435763.77
3711427.89 19.53233 (18122408)
  435741.55 3711395.85 19.72363 (18122408) 435719.34
3711363.81 19.20775 (20120821)
  435697.12 3711331.76 19.38390 (19012107) 435674.91
3711299.72 19.36126 (19012107)
  435649.92 3711248.38 19.37665 (20122721) 435644.38
3711209.79 19.37742 (21011201)
  435638.84 3711171.19 19.17624 (18123105) 435633.30
3711132.59 18.13835 (21122103)
  435627.76 3711094.00 17.81282 (21010301) 435622.23
3711055.40 17.86993 (20021121)
  435616.69 3711016.81 18.69427 (19010503) 435611.15
3710978.21 19.29315 (19010302)
  435605.61 3710939.62 19.58717 (21011701) 435600.07
3710901.02 19.99839 (19120305)
  435594.53 3710862.42 20.36718 (21120523) 435588.99
3710823.83 20.25416 (19011808)
  435583.45 3710785.23 19.59756 (18021524) 435577.92
3710746.64 18.74207 (18122524)
  435572.38 3710708.04 18.67718 (19012108) 435566.84
3710669.45 18.69701 (19011806)
  436034.13 3711809.78 18.67881 (18011005) 435941.13
3711854.54 17.51677 (21020821)
  435918.69 3711822.17 17.90084 (21012023) 435896.25
3711789.80 19.31442 (20110201)
  435873.81 3711757.43 18.98638 (21041803) 435851.37
3711725.06 21.39369 (17010423)
  435828.92 3711692.69 21.55732 (21090701) 435806.48
3711660.32 21.50856 (21102222)
  435784.04 3711627.95 19.45919 (21031805) 435761.60
3711595.58 19.05347 (21051024)
  435739.15 3711563.21 18.97263 (20050502) 435716.71
3711530.84 17.31262 (19011504)
  435694.27 3711498.47 17.84564 (21031807) 435671.83
3711466.10 17.98733 (18122408)
  435649.39 3711433.73 18.77710 (20091302) 435626.94
3711401.36 18.29732 (20120821)
  435604.50 3711368.99 18.22794 (18021423) 435582.06
3711336.62 17.86654 (20022905)
  435556.82 3711284.75 17.90659 (20123003) 435551.22

3711245.76   18.37777 (18120719)
        435545.63   3711206.77   18.65335 (20121407)   435540.03
3711167.78   18.43064 (20011301)
        435534.44   3711128.80   18.14769 (19020324)   435528.84
3711089.81   18.04241 (20021121)
        435523.25   3711050.82   18.34535 (19101307)   435517.65
3711011.83   18.83144 (17120906)
        435512.06   3710972.84   19.03875 (21011704)   435506.46
3710933.85   19.39249 (18121422)
        435500.86   3710894.86   19.36993 (18121422)   435495.27
3710855.87   19.31636 (19122803)
        435489.67   3710816.88   18.95843 (20122804)   435484.08
3710777.89   17.82965 (18022024)
        435478.48   3710738.90   17.67628 (19121204)   435472.89
3710699.91   17.70534 (18121221)
        435467.29   3710660.92   17.66984 (19120102)   435967.24
3711884.12   17.13526 (19121220)
        436207.69   3711246.88   26.16483 (18121608)   436113.01
3711283.43   22.53330 (21021420)
        436027.25   3711334.86   21.25157 (21021222)   435941.49
3711386.29   20.98863 (21021222)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        435855.73   3711437.72       20.10248  (17011605)               435769.97
3711489.16       18.40565  (18121021)
        435684.21   3711540.59       16.65171  (20010907)               436976.59
3710831.32      108.94836  (20100707)
        436963.10   3710877.99      112.98238  (19082401)               436925.91
3710862.92      117.24089  (20053122)
        436980.21   3710926.56      105.92459  (21121618)               436942.21
3710924.20      109.28778  (19082401)
        436908.75   3710910.64      105.05361  (21120223)               436967.77
3710973.29       94.06454  (19090606)
        436925.55   3710970.67       98.60543  (21020622)               436888.37
3710955.61       85.46458  (17100222)
        436976.14   3711021.32       86.80236  (20070506)               436953.53
3711019.92       83.48613  (19120806)
        436908.29   3711017.11       85.75381  (19082401)               436868.45
3711000.97       76.15242  (17100222)
        436851.23   3710986.24       75.33817  (20053122)               436834.01
3710971.50       78.55186  (18101321)
        436930.23   3711065.98       73.10067  (17100222)               436850.83
3711048.29       59.36563  (17100222)
        436818.68   3711020.79       59.61866  (20092402)               436892.46
3711111.14       61.40106  (20092306)
        436831.25   3711093.95       52.90529  (18051602)               436797.50
3711065.07       54.41210  (21111806)
        436763.75   3711036.20       59.88685  (19112623)               436990.56
3711164.74       65.49230  (19082003)
        436811.82   3711139.73       49.28174  (20070405)               436794.29
3711124.73       52.11078  (18071824)
        436776.75   3711109.73       48.05793  (19082401)               436759.22
3711094.73       53.37051  (19041722)
        436741.69   3711079.72       57.65476  (20051605)               436985.96
3711211.96       61.60407  (21113022)
        436876.35   3711205.15       46.47181  (20050805)               436832.50
3711202.43       46.15712  (18101320)
        436793.89   3711186.79       43.04285  (20070405)               436760.51
3711158.23       45.12594  (20100707)
        436727.13   3711129.67       53.26366  (19041722)               436693.75
3711101.11       52.02783  (21090705)
        436972.76   3711258.65       56.75799  (19082003)               436950.14
3711257.25       52.99646  (19082003)
        436927.52   3711255.84       50.35915  (19070105)               436904.90
3711254.44       44.87899  (19090606)
        436882.28   3711253.03       43.48868  (19090606)               436859.66
3711251.63       42.62466  (20090502)
        436837.05   3711250.22       43.90858  (20092306)               436740.15
3711203.21       42.41642  (18101321)
        436722.93   3711188.48       43.35726  (21111806)               436705.71
3711173.75       47.49097  (19041722)
        436688.49   3711159.02       48.84806  (19112623)               436671.27
3711144.28       48.72044  (20070301)
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436636.83 3711114.82 42.97155 (20021822) 436955.44
3711352.59 45.83878 (19082003)
436910.73 3711349.81 38.30167 (21121219) 436866.03
3711347.04 37.00378 (20050805)
436821.32 3711344.26 38.36219 (21121618) 436686.20
3711281.86 36.84564 (20120917)
436652.16 3711252.74 42.64610 (19041722) 436618.13
3711223.62 43.06216 (21090705)
436584.09 3711194.50 38.26427 (20021822) 437049.21
3711453.43 41.84773 (20121401)
436916.22 3711445.17 34.47474 (20091402) 436871.88
3711442.42 32.69028 (18101320)
436827.55 3711439.66 34.56442 (20050805) 436783.22
3711436.91 34.79754 (17100222)
436615.47 3711346.15 33.57509 (19070106) 436581.72
3711317.28 38.50719 (19112623)
436547.97 3711288.40 38.02070 (19120804) 436514.22
3711259.52 33.05603 (20021822)
436480.47 3711230.65 34.11889 (20092305) 437093.71
3711551.21 42.54104 (17041302)
437070.68 3711549.78 42.68810 (17041302) 437047.65
3711548.35 40.92050 (20091303)
437024.62 3711546.92 37.03908 (19082903) 436886.44
3711538.34 29.03088 (19021421)
436863.41 3711536.91 28.70376 (17010708) 436840.38
3711535.48 29.10371 (20012108)
436817.35 3711534.05 29.58738 (21030623) 436794.32
3711532.62 31.30538 (21121618)
436771.30 3711531.19 31.85465 (21121618) 436626.58
3711480.46 28.21204 (19120723)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155 , L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163 , L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171 , L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179 , L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	31.29004	(19041722)	436538.91	3711405.46	34.84557	(18101321)
436521.38	3711390.46	33.53002	(21090705)	436503.85	3711375.46	33.64311	(21070203)
436486.32	3711360.46	33.96339	(19110523)	436468.78	3711345.46	29.04609	(20092402)
436451.25	3711330.46	28.18289	(21021504)	436433.72	3711315.46	30.37055	(20070301)
436416.18	3711300.46	30.01879	(19120804)	437208.16	3711550.97	29.66770	(20092002)
437166.02	3711650.72	39.40057	(18052306)	437143.22	3711649.30	39.19899	(19072204)
437120.42	3711647.89	39.34284	(21082303)	437097.62	3711646.47	39.11009	(19092301)
437074.82	3711645.05	35.18320	(19082903)	437052.02	3711643.64	32.03495	(19082824)
437029.22	3711642.22	28.06057	(20021803)	437006.42	3711640.81	27.87028	(21021604)
436846.83	3711630.89	26.33907	(17102803)	436824.03	3711629.48	26.40916	(18121120)
436801.23	3711628.06	25.79464	(19120806)	436778.43	3711626.65	28.34323	(20050805)
436755.63	3711625.23	28.72685	(21060824)	436732.83	3711623.81	27.59097	(17102803)
436572.20	3711558.75	26.57543	(20101803)	436537.49	3711529.05	26.35090	(19070106)
436502.77	3711499.35	28.80816	(19041722)	436485.41	3711484.49	30.82237	(18101321)
436468.06	3711469.64	30.09396	(21090705)	436450.70	3711454.79	30.07125	(21111806)
436433.34	3711439.94	30.51536	(21090705)	436415.98	3711425.09	26.50596	(19041722)
436398.63	3711410.24	25.13717	(19020218)	436381.27	3711395.39	25.58433	(17020621)
436363.91	3711380.54	26.33513	(21090701)	436346.55	3711365.69	26.51308	(21090424)
436329.20	3711350.84	26.52975	(21051104)	437211.62	3711653.55	32.63859	(21020924)
437233.95	3711647.59	28.96275	(18081403)	437214.79	3711748.76	28.72789	(20092002)
437192.17	3711747.36	33.43435	(20092002)	437169.55			

3711745.95   35.11728 (20092002)
        437146.93   3711744.55   35.76421 (19072204)   437124.32
3711743.14   35.17187 (21082303)
        437101.70   3711741.74   35.32579 (19082904)   437079.08
3711740.33   33.86748 (20081206)
        437056.46   3711738.93   32.04102 (19082903)   437033.84
3711737.53   27.62674 (20091303)
        437011.22   3711736.12   26.07637 (19082903)   436988.60
3711734.72   25.44962 (20013021)
        436965.98   3711733.31   25.92309 (20091402)   436852.89
3711726.29   23.96822 (18121120)
        436830.27   3711724.88   24.14945 (21121219)   436807.65
3711723.48   24.18944 (19052823)
        436785.04   3711722.07   23.65229 (18101320)   436762.42
3711720.67   24.27049 (20050805)
        436739.80   3711719.26   25.84454 (21121618)   436717.18
3711717.86   26.66404 (21121618)
        436500.77   3711622.44   23.06878 (19070106)   436483.55
3711607.71   24.15636 (19070106)
        436466.33   3711592.97   24.70753 (21121819)   436449.11
3711578.24   26.31203 (20012624)
        436431.89   3711563.51   27.33446 (18101321)   436414.67
3711548.77   27.04710 (21090705)
        436397.45   3711534.04   27.07661 (21070203)   436380.23
3711519.31   27.18453 (21090705)
        436363.01   3711504.58   24.38678 (19110523)   436345.79
3711489.84   23.28238 (17072506)
        436328.57   3711475.11   23.39079 (18011005)   436311.35
3711460.38   23.83302 (20070301)
        436294.13   3711445.64   23.68016 (20011708)   436276.91
3711430.91   24.70424 (20011708)
        436259.69   3711416.18   25.04208 (20011708)   436139.16
3711313.05   23.89958 (18120418)
        437237.41   3711750.17   25.57259 (18081403)   437259.74
3711744.21   24.02984 (21111720)
        437240.72   3711845.39   24.55385 (19082902)   437218.25
3711843.99   28.28326 (19110724)
        437195.78   3711842.60   29.25244 (18112618)   437173.31
3711841.20   29.44362 (19082902)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                 INCLUDING SOURCE(S):   L0004154   , L0004155

, L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163
, L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171
, L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179
, L0004180   , L0004181   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

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

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        437219.89   3711939.11       27.25238  (19050805)                437196.86
3711937.68       27.12248  (21051802)
        437173.83   3711936.25       27.99942  (20030604)                437150.80
3711934.82       29.08589  (20030604)
        437127.77   3711933.39       29.19986  (19082824)                437104.74
3711931.96       30.52593  (19082824)
        437081.72   3711930.53       29.67426  (17041302)                437058.69
3711929.10       29.54519  (19082903)
        437035.66   3711927.67       27.55806  (17041302)                437012.63
3711926.24       25.44728  (19082824)
        436989.60   3711924.81       23.85735  (19082903)                436966.57
3711923.38       23.45903  (20092722)
        436943.54   3711921.95       24.39647  (20092722)                436920.51
3711920.52       23.75046  (18101318)
        436782.33   3711911.94       19.31318  (17010818)                436759.30
3711910.51       19.43677  (17010818)
        436736.27   3711909.08       19.91706  (18101320)                436713.24
3711907.65       19.65055  (20012108)
        436690.21   3711906.22       21.15847  (20120702)                436667.18
3711904.79       21.06652  (19090606)
        436406.27   3711791.20       20.14660  (21012221)                436388.74
3711776.20       20.27554  (18071824)
        436371.20   3711761.20       19.93021  (21070203)                436353.67
3711746.20       21.14380  (20092402)
        436336.14   3711731.20       23.09472  (20051605)                436318.61
3711716.20       22.31769  (21120223)
        436301.07   3711701.20       22.39219  (21090705)                436283.54
3711686.19       22.65882  (20070301)
        436266.01   3711671.19       22.41518  (21090705)                436248.47
3711656.19       20.78979  (20092402)
        436230.94   3711641.19       20.13528  (18011904)                436213.41
3711626.19       20.19136  (17010203)
        436195.88   3711611.19       20.36798  (20121824)                436178.34
3711596.19       20.30039  (20051401)
        436160.81   3711581.19       20.54201  (19121220)                436143.28
3711566.19       20.88659  (18070905)
        436125.74   3711551.19       21.38406  (20011708)                436108.21
3711536.19       20.77245  (20011708)
        435985.48   3711431.18       21.86019  (21101622)                437288.98
3711943.40       23.18352  (21082304)
        437311.31   3711937.44       21.12171  (19050805)                437291.90
3712038.60       25.83599  (18052306)
        437269.03   3712037.18       28.26079  (18101407)                437246.16
3712035.76       29.12119  (19072204)
        437223.29   3712034.34       28.20720  (20081206)                437200.42
3712032.92       27.88067  (21091105)
        437177.55   3712031.50       27.56608  (17010717)                437154.68
3712030.08       27.54934  (19072204)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

3711780.34 21.70154 (21090705)
436230.29 3711765.44 23.46874 (20070301) 436212.88
3711750.54 24.25718 (20012624)
436195.47 3711735.65 21.79612 (21111806) 436178.06
3711720.75 20.70711 (18011904)
436160.64 3711705.86 20.59256 (21021504) 436143.23
3711690.96 20.55918 (20121824)
436125.82 3711676.06 20.33148 (19121220) 436108.41
3711661.17 20.33209 (20011708)
436091.00 3711646.27 20.37501 (21012023) 436073.59
3711631.37 20.24776 (21012023)
436056.18 3711616.48 20.05462 (20122122) 436038.77
3711601.58 20.56446 (20122122)
436021.36 3711586.68 21.54772 (17010423) 435882.07
3711467.51 20.39611 (19020323)
437337.10 3712034.06 19.05234 (17091523) 437295.09
3712133.81 26.12008 (19082902)
437272.36 3712132.40 26.07168 (18101407) 437249.62
3712130.99 27.05214 (18120724)
437226.89 3712129.58 26.20233 (18112618) 437204.15
3712128.17 26.12044 (19110724)
437181.42 3712126.76 25.15738 (17010717) 437158.68
3712125.34 24.82295 (19072204)
437135.95 3712123.93 23.74920 (20030604) 437113.21
3712122.52 25.21049 (17010717)
437090.48 3712121.11 24.73153 (19092301) 437067.74
3712119.70 23.62478 (17041302)
437045.01 3712118.28 22.94147 (19082903) 436999.54
3712115.46 18.80093 (17122021)
436976.81 3712114.05 18.02627 (20013021) 436954.07
3712112.64 17.25782 (21021604)
436931.34 3712111.22 18.57761 (18101318) 436908.60
3712109.81 19.43660 (20091402)
436885.87 3712108.40 19.87693 (20050503) 436863.13
3712106.99 19.75875 (21113022)
436840.40 3712105.58 19.24218 (20092722) 436726.73
3712098.52 17.00389 (17010818)
436703.99 3712097.10 17.04383 (17010818) 436681.26
3712095.69 17.12612 (21120708)
436658.52 3712094.28 17.31803 (21030623) 436635.79
3712092.87 17.79841 (20050805)
436613.05 3712091.46 17.95434 (19090606) 436590.32
3712090.05 17.98148 (17102803)
436476.64 3712082.99 16.19225 (17020308) 436436.60
3712066.77 16.42525 (21020622)
436298.14 3711948.30 18.89747 (21010520) 436280.83
3711933.49 19.16236 (21010520)
436263.52 3711918.68 19.62415 (20092402) 436246.21
3711903.87 21.53564 (19041722)
436228.91 3711889.06 22.59355 (20051605) 436211.60

3711874.26   21.92742 (21120223)
        436194.29   3711859.45   20.83070 (21090705)   436176.98
3711844.64   22.35638 (20070301)
        436159.67   3711829.83   23.39138 (20012624)   436142.37
3711815.02   21.12772 (21111806)
        436125.06   3711800.21   19.78801 (17020908)   436107.75
3711785.41   19.36466 (21021504)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE5   ***
                                   INCLUDING SOURCE(S):   L0004154   , L0004155 , L0004156   , L0004157   , L0004158   ,
                  L0004159   , L0004160   , L0004161   , L0004162   , L0004163 , L0004164   , L0004165   , L0004166   ,
                  L0004167   , L0004168   , L0004169   , L0004170   , L0004171 , L0004172   , L0004173   , L0004174   ,
                  L0004175   , L0004176   , L0004177   , L0004178   , L0004179 , L0004180   , L0004181   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436090.44   3711770.60   19.48972 (18011005)   436073.13
3711755.79   19.59236 (20121320)
        436055.83   3711740.98   19.60422 (17021906)   436038.52
3711726.17   19.85282 (21090424)
        436021.21   3711711.36   19.87994 (21031805)   436003.90
3711696.56   20.50611 (18060804)
        435986.59   3711681.75   21.68846 (17010423)   435969.29
3711666.94   21.08484 (21041803)
        435951.98   3711652.13   22.87399 (17010423)   435830.82
3711548.47   20.57855 (21051024)
        435796.21   3711518.86   19.55182 (17061804)   437340.56
3712136.64   22.65625 (18112618)
        437343.73   3712231.85   22.99515 (20091506)   437298.49
3712229.04   24.84798 (21020924)

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        437275.87   3712227.64       24.44377  (19072204)                437253.25
3712226.23       24.90061  (18120724)
        437230.64   3712224.83       24.28634  (19120802)                437208.02
3712223.42       24.05340  (19110724)
        437185.40   3712222.02       23.80576  (17010717)                437162.78
3712220.61       23.80671  (20030604)
        437140.16   3712219.21       23.13912  (20030604)                437117.54
3712217.80       24.07329  (21082303)
        437094.92   3712216.40       23.51425  (19092301)                437072.31
3712214.99       23.03423  (17041302)
        437049.69   3712213.59       22.53077  (19082903)                437004.45
3712210.78       17.86375  (17122021)
        436959.21   3712207.97       16.26138  (17011020)                436936.59
3712206.57       16.12456  (20092722)
        436913.98   3712205.16       17.67094  (19021501)                436891.36
3712203.76       18.37347  (20091402)
        436868.74   3712202.35       18.01832  (21121219)                436846.12
3712200.95       18.03381  (20092523)
        436823.50   3712199.54       17.58483  (20092722)                436710.41
3712192.52       16.19190  (18121120)
        436687.79   3712191.11       16.08591  (20120319)                436665.17
3712189.71       16.08147  (18101320)
        436642.55   3712188.31       16.10798  (21030623)                436619.93
3712186.90       16.15381  (20012108)
        436597.31   3712185.50       16.87105  (21121618)                436574.70
3712184.09       16.44334  (19090606)
        436552.08   3712182.69       16.32244  (17071802)                436529.46
3712181.28       16.65015  (21020622)
        436506.84   3712179.88       15.93373  (20050805)                436484.22
3712178.47       15.67679  (20092306)
        436461.60   3712177.07       15.07596  (19082324)                436438.98
3712175.66       14.41303  (21042821)
        436399.15   3712159.53       15.41710  (21020622)                436381.93
3712144.79       14.78032  (21020405)
        436364.71   3712130.06       15.00240  (21020405)                436347.49
3712115.33       15.01501  (17021904)
        436330.27   3712100.59       15.38498  (20070405)                436313.05
3712085.86       15.69724  (17011021)
        436295.83   3712071.13       15.85541  (21012221)                436278.61
3712056.40       16.16187  (19120720)
        436261.39   3712041.66       16.37150  (19120720)                436244.17
3712026.93       16.18757  (19122124)
        436226.95   3712012.20       16.20596  (21010520)                436209.73
3711997.46       16.46941  (21121819)
        436192.51   3711982.73       17.37159  (19110523)                436175.29
3711968.00       17.92594  (18101321)
        436158.07   3711953.27       17.07380  (21120223)                436140.85
3711938.53       18.02262  (21090705)
        436123.63   3711923.80       18.35812  (17020908)                436106.41
3711909.07       19.87761  (20012624)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE5 ***
INCLUDING SOURCE(S): L0004154 , L0004155
, L0004156 , L0004157 , L0004158 ,
L0004159 , L0004160 , L0004161 , L0004162 , L0004163
, L0004164 , L0004165 , L0004166 ,
L0004167 , L0004168 , L0004169 , L0004170 , L0004171
, L0004172 , L0004173 , L0004174 ,
L0004175 , L0004176 , L0004177 , L0004178 , L0004179
, L0004180 , L0004181 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436970.60	3710769.10	104.41094	(20053122)	436955.72	3710755.71	155.77407	(20053122)
436964.65	3710655.98	183.73876	(17061804)	437021.21	3710584.54	292.53891	(21090624)
437018.23	3710502.68	323.55265	(18112206)	437036.09			

3710435.70   261.50576 (20112408)
        437094.14   3710349.37   122.86320 (21011424)   437061.39
3710282.39   69.98101 (17120517)
        437037.58   3710213.93   73.54961 (17122719)   437036.09
3710167.79   74.27331 (21122019)
        437070.32   3710115.69   31.66070 (20020421)   437123.91
3710072.53   23.72712 (20020421)
        437222.14   3710135.04   33.38249 (19101817)   437186.42
3710196.07   44.12056 (18102017)
        437176.00   3710245.18   62.89648 (18110708)   437195.35
3710271.98   80.48922 (20082918)
        437262.33   3710316.63   96.00398 (20033118)   437296.56
3710364.26   89.11927 (19122116)
        437295.07   3710425.28   82.48571 (21040818)   437305.49
3710466.96   106.87036 (19020517)
        437274.24   3710557.75   132.62462 (20083018)   437244.47
3710642.59   122.06250 (19041118)
        437260.84   3710791.43   92.63623 (20080722)   437210.23
3710813.76   93.23047 (19032701)
        437162.60   3710772.08   121.08614 (19091403)   437001.86
3710778.03   99.99739 (18071603)
        436979.53   3710783.99   91.27535 (18071824)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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        437014.81   3711127.79       39.73639  (17100222)               437037.77
3711126.94       42.34641  (21060824)
        437060.73   3711126.09       47.46084  (21121219)               437083.70
3711125.24       50.03808  (19082003)
        437106.66   3711124.39       53.81040  (21090703)               437129.62
3711123.54       49.39959  (18061301)
        437152.58   3711122.69       47.22187  (21113022)               437175.55
3711121.84       48.95336  (17052803)
        437016.66   3711177.76       38.86436  (21060824)               437039.62
3711176.91       41.56640  (19071305)
        437062.58   3711176.06       43.35201  (18061301)               437085.54
3711175.21       48.08537  (20050503)
        437108.51   3711174.36       50.68794  (19063024)               437131.47
3711173.51       48.17298  (19092301)
        437154.43   3711172.66       45.30119  (17010717)               437177.40
3711171.81       46.48099  (20070604)
        437018.51   3711227.72       39.37192  (19052823)               437041.47
3711226.87       39.52059  (19070105)
        437064.43   3711226.02       40.97778  (20090502)               437087.39
3711225.17       45.03463  (19021501)
        437110.36   3711224.32       47.93270  (19063024)               437133.32
3711223.47       46.06149  (20092722)
        437156.28   3711222.62       41.87434  (20050503)               437179.25
3711221.77       42.24145  (20070604)
        437020.36   3711277.69       38.21986  (20091402)               437043.32
3711276.84       40.05328  (19082003)
        437066.28   3711275.99       41.47888  (20050503)               437089.24
3711275.14       44.32348  (19052823)
        437112.21   3711274.29       44.42577  (20092722)               437135.17
3711273.44       44.20166  (19082903)
        437158.13   3711272.59       39.78447  (21082303)               437181.10
3711271.74       39.16400  (19082824)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 709
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437024.05	3711377.62	35.92835	(18061301)	437047.02	3711376.77	37.45188	(20092722)
437069.98	3711375.92	39.11415	(19052823)	437092.94	3711375.07	39.37013	(20092722)
437115.91	3711374.22	38.35467	(19063024)	437138.87	3711373.37	40.10706	(20091303)
437161.83	3711372.52	38.38158	(17010717)	437184.79	3711371.67	34.55713	(21090723)
437027.75	3711477.55	33.11959	(20092722)	437050.72	3711476.70	34.93995	(20092722)
437073.68	3711475.85	34.56091	(19021501)	437096.64	3711475.00	33.12558	(18101318)
437119.61	3711474.15	33.68334	(21090703)	437142.57	3711473.30	34.37135	(17041302)
437165.53	3711472.45	33.93171	(21082303)	437188.49	3711471.60	30.95333	(20030604)
437031.45	3711577.48	25.88558	(19021501)	437054.42	3711576.63	27.85288	(19063024)
437077.38	3711575.78	29.03603	(19063024)	437100.34	3711574.93	30.14731	(19082903)
437123.30	3711574.08	32.32763	(18061301)	437146.27	3711573.23	32.62574	(17041302)
437169.23	3711572.38	31.83426	(19082903)	437192.19	3711571.53	30.86018	(20030604)
437035.15	3711677.41	22.52862	(19063024)	437058.11	3711676.56	22.49464	(19121323)
437081.08	3711675.71	23.15555	(20013021)	437104.04	3711674.86	25.89542	(19082903)
437127.00	3711674.01	28.21867	(20091303)	437149.97	3711673.16	29.84367	(19082903)
437172.93	3711672.31	32.52594	(21061124)	437195.89	3711671.46	33.40969	(21082303)
437038.85	3711777.35	22.29295	(20092722)	437061.81	3711776.50	21.88373	(20092722)
437084.78	3711775.65	23.03094	(19082903)	437107.74	3711774.80	25.40374	(19082824)
437130.70	3711773.95	27.59253	(21091105)	437153.67	3711773.10	29.11560	(17041302)
437176.63	3711772.25	29.77186	(21061124)	437199.59			

3711771.40   29.58407 (21082303)
        437042.55   3711877.28   22.48764 (20091402)   437065.51
3711876.43   22.19738 (19063024)
        437088.48   3711875.58   23.39099 (20121401)   437111.44
3711874.73   24.97555 (20091303)
        437134.40   3711873.88   26.27496 (17041302)   437157.36
3711873.03   26.42911 (19082903)
        437180.33   3711872.18   26.61868 (17041302)   437203.29
3711871.33   26.51758 (19082824)
        437046.25   3711977.21   18.49479 (20092722)   437069.21
3711976.36   19.44281 (19082903)
        437092.17   3711975.51   20.09858 (19082824)   437115.14
3711974.66   21.96537 (21091105)
        437138.10   3711973.81   24.83900 (19082903)   437161.06
3711972.96   24.92014 (19021501)
        437184.03   3711972.11   25.35208 (19092301)   437206.99
3711971.26   24.95378 (19082824)
        437049.95   3712077.14   17.30215 (21021604)   437072.91
3712076.29   17.43593 (20021803)
        437095.87   3712075.44   17.87100 (17041302)   437118.84
3712074.59   20.09363 (19082824)
        437141.80   3712073.74   20.93323 (19082903)   437164.76
3712072.89   22.97414 (21061124)
        437187.73   3712072.04   23.76291 (19082824)   437210.69
3712071.19   23.26474 (21082303)
        437053.65   3712177.07   16.31568 (20013021)   437076.61
3712176.22   16.54277 (19082824)
        437099.57   3712175.37   17.94652 (17041302)   437122.54
3712174.52   20.22601 (19082903)
        437145.50   3712173.67   20.67655 (17041302)   437168.46
3712172.82   21.64987 (19092301)
        437191.42   3712171.97   21.64803 (17010717)   437214.39
3712171.12   21.21951 (21082303)
        437057.35   3712277.00   15.44701 (20021803)   437080.31
3712276.15   15.72162 (17041302)
        437103.27   3712275.30   17.32740 (17041302)   437126.24
3712274.45   18.99574 (19082903)
        437149.20   3712273.60   19.52478 (17041302)   437172.16
3712272.75   20.29342 (19092301)
        437195.12   3712271.90   20.63501 (17010717)   437218.09
3712271.05   19.29053 (20030604)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437177.30   3710851.39   91.87884 (18081703)   437096.75
3710847.33   60.17181 (21030623)
        437079.70   3710898.86   54.15501 (21030623)   437062.65
3710950.38   51.91562 (20120702)
        437045.60   3711001.90   51.33342 (20092306)   436965.04
3710997.84   37.80265 (18101320)
        436932.11   3711035.47   34.20671 (19041722)   436963.86
3711063.26   37.21508 (17100222)
        436899.18   3711073.10   30.16384 (19041722)   436930.94
3711100.89   32.40449 (18051602)
        436866.26   3711110.73   24.02869 (19041722)   436898.01
3711138.51   26.08056 (21120223)
        436833.33   3711148.35   22.03908 (20012624)   436865.08
3711176.14   21.95434 (17020308)
        436767.48   3711223.61   19.43213 (21070203)   436799.23
3711251.40   19.12542 (21070203)
        436701.62   3711298.86   17.18397 (20051605)   436733.38
3711326.65   17.92021 (19110523)
        436635.77   3711374.12   15.70186 (21070203)   436667.52
3711401.90   16.74605 (20070405)
        436569.92   3711449.37   14.44678 (19120804)   436601.67
3711477.16   15.30839 (21070203)
        436504.06   3711524.63   13.52926 (19120804)   436535.82
3711552.41   14.06713 (21120223)
        436438.21   3711599.88   12.85282 (19120804)   436469.96
3711627.67   13.09834 (19112623)
        436372.35   3711675.14   12.12281 (20051605)   436404.11
3711702.92   12.29609 (19112623)
        436306.50   3711750.39   12.73414 (17010408)   436338.25
3711778.18   12.76940 (18011824)

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        436240.65   3711825.65       13.05838  (19120421)               436272.40
3711853.43       13.14079  (18062506)
        436174.79   3711900.90       11.78994  (17011520)               436206.55
3711928.69       11.36346  (17072806)
        437216.54   3710861.35       95.21870  (20030524)               437247.28
3710852.06      106.86209  (21081403)
        437281.02   3710837.18      113.21097  (19100804)               437236.73
3710907.09       84.91581  (21061401)
        437208.99   3710910.77       82.22680  (21081423)               437157.06
3710894.91       73.69818  (19063024)
        437267.47   3710897.81       95.13517  (19071603)               437301.21
3710882.92       97.57947  (20051305)
        437254.14   3710953.20       75.93448  (19091403)               437220.85
3710957.62       71.04066  (18081403)
        437157.12   3710947.88       64.29238  (21112218)               437287.65
3710943.55       87.41035  (20051305)
        437321.39   3710928.67       85.59442  (20051305)               437275.11
3710998.84       70.89404  (21110820)
        437243.41   3711003.05       66.43244  (20122620)               437211.71
3711007.26       61.81828  (21081606)
        437151.01   3710997.98       56.69665  (21113022)               437307.83
3710989.30       78.59830  (17091523)
        437341.57   3710974.41       72.50500  (21090124)               437293.81
3711044.79       61.90054  (19092304)
        437259.14   3711049.39       55.89769  (18080424)               437224.47
3711053.99       57.35570  (21081423)
        437140.74   3711046.14       54.66189  (20092523)               437328.02
3711035.04       65.70948  (20080201)
        437361.76   3711020.16       61.43498  (21041006)               437314.69
3711090.44       56.42411  (20080201)
        437281.40   3711094.86       51.56887  (19050805)               437248.12
3711099.27       50.50322  (19050805)
        437214.83   3711103.69       51.22835  (21081606)               437134.46
3711096.16       49.77015  (20091402)
        437043.12   3711053.68       48.73147  (21020622)               437348.20
3711080.79       56.51406  (17102724)
        437381.94   3711065.90       54.50300  (20102819)               437333.86
3711136.32       51.75694  (21051801)
        437298.56   3711141.00       49.20421  (21081403)               437263.26
3711145.69       43.44625  (20092002)
        437227.95   3711150.37       48.18319  (21081423)               437192.65
3711155.06       47.88174  (21090723)
        437141.20   3711152.23       46.93849  (18101318)               437028.18
3711099.68       43.52280  (19120806)
        437368.38   3711126.53       50.18530  (18033003)               437402.12
3711111.65       49.83469  (21041006)
        437354.63   3711181.99       48.02703  (21051801)               437320.49
3711186.52       45.79434  (21081403)
        437286.35   3711191.05       42.27652  (21051106)               437252.21
3711195.58       42.50861  (21061401)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	43.24433	(21111720)	437118.57	3711194.65	49.62648	(20092722)
437024.88	3711151.08	40.44099	(21060824)	436993.66	3711136.56	38.65740	(20101803)
436962.43	3711122.04	36.52399	(20090502)	437388.57	3711172.28	45.61097	(19092304)
437422.31	3711157.39	46.34920	(20102819)	437374.05	3711227.83	44.28015	(21051801)
437338.39	3711232.57	44.79599	(19092304)	437302.72	3711237.30	39.64382	(21082304)
437267.06	3711242.03	38.89300	(18092924)	437231.40	3711246.76	40.65148	(21081423)
437195.73	3711251.50	39.89903	(21081606)	437125.93	3711251.01	45.49591	(20091402)
437028.06	3711205.50	40.10450	(19071305)	436995.44	3711190.33	36.47514	(19120806)
436962.82	3711175.16	34.37180	(20092306)	436930.20	3711159.99	29.96043	(17100222)
437408.75	3711218.02	42.71381	(20092405)	437442.49	3711203.14	44.46233	(20080104)
437394.73	3711273.51	41.06915	(21051801)	437360.06			

3711278.11 42.07322 (20080201)
437325.38 3711282.71 39.68527 (21082304) 437290.71
3711287.32 34.86292 (18080424)
437256.04 3711291.92 37.59931 (21061401) 437221.37
3711296.52 37.03796 (19082904)
437186.69 3711301.12 37.34802 (19082824) 437152.02
3711305.72 41.56627 (20121401)
437118.83 3711300.65 42.64664 (20091402) 437007.82
3711249.03 39.07069 (19052823)
436976.11 3711234.28 33.58557 (19120806) 436944.39
3711219.53 30.59172 (20092306)
436912.68 3711204.78 25.76634 (19071305) 437428.94
3711263.77 41.47230 (20051305)
437462.68 3711248.88 45.37498 (20080104) 437434.91
3711365.03 38.82704 (21051801)
437399.88 3711369.68 38.65084 (20091401) 437364.84
3711374.33 37.82145 (19071603)
437329.80 3711378.98 33.61923 (20091401) 437294.76
3711383.62 31.15343 (21020924)
437259.73 3711388.27 33.52822 (19072204) 437224.69
3711392.92 32.47954 (20070604)
437189.65 3711397.57 32.96852 (19082824) 437154.61
3711402.22 38.66209 (17041302)
437103.55 3711399.42 37.79889 (20091402) 437007.40
3711354.71 35.44550 (19082003)
436975.35 3711339.81 32.11240 (19052823) 436943.30
3711324.90 27.18817 (20012108)
436911.25 3711310.00 24.53813 (20092306) 436879.21
3711295.10 21.98961 (20100707)
436847.16 3711280.19 20.44258 (20092306) 437469.30
3711355.26 40.15819 (21021001)
437503.04 3711340.37 42.25635 (20092222) 437475.15
3711456.54 36.78145 (20092405)
437439.85 3711461.22 35.49068 (20080201) 437404.54
3711465.90 36.03083 (21120323)
437369.24 3711470.59 33.52171 (19071603) 437333.94
3711475.27 30.32483 (18112618)
437298.63 3711479.96 29.83213 (20122620) 437263.33
3711484.64 30.09050 (19072204)
437228.03 3711489.33 29.58290 (21081423) 437192.72
3711494.01 30.74589 (20070604)
437157.42 3711498.70 32.53199 (21090723) 437122.12
3711503.38 32.01077 (18061301)
437088.32 3711498.22 32.58278 (18101318) 437007.59
3711460.67 32.57340 (19082003)
436975.30 3711445.66 29.51821 (21121219) 436943.00
3711430.64 24.78503 (19120806)
436910.71 3711415.63 22.02399 (20102107) 436878.42
3711400.61 21.33394 (20101803)
436846.13 3711385.59 19.99707 (19071305) 436813.84

3711370.58   18.81629 (17100222)
        436781.55   3711355.56   17.85230 (18071824)   437509.67
3711446.75   37.99490 (21021002)
        437543.41   3711431.86   36.41192 (21101623)   437515.41
3711548.04   33.30694 (18080106)
        437479.91   3711552.75   32.55687 (20092222)   437444.40
3711557.46   32.18121 (21120323)
        437408.90   3711562.17   33.23900 (20091401)   437373.39
3711566.88   29.49593 (21081403)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437337.89   3711571.60   27.14228 (21082304)   437302.38
3711576.31   29.16434 (19082902)
        437266.88   3711581.02   30.95405 (21111720)   437231.38
3711585.73   30.75607 (19072204)
        437160.37   3711595.15   32.74918 (19021501)   437124.86
3711599.86   31.77099 (20091303)
        437008.16   3711566.82   23.66201 (18011519)   436975.69
3711551.72   22.69448 (21071206)
        436943.21   3711536.62   22.66295 (17102803)   436910.73
3711521.51   21.95721 (20102107)
        436878.26   3711506.41   20.33602 (20102107)   436845.78
3711491.31   19.38529 (21020622)

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        436813.31   3711476.21       18.80661  (21060824)               436780.83
3711461.10       17.26476  (18101320)
        436748.35   3711446.00       16.68814  (20092306)               436715.88
3711430.90       15.98976  (18071824)
        437550.04   3711538.24       35.28393  (21021002)               437583.78
3711523.35       33.49015  (17093002)
        437555.70   3711639.54       31.39677  (19100804)               437520.04
3711644.27       29.24146  (18033003)
        437484.38   3711649.00       29.48669  (17022801)               437448.71
3711653.74       29.93097  (20091401)
        437413.05   3711658.47       28.54204  (19071603)               437377.39
3711663.20       25.79419  (20091506)
        437341.72   3711667.93       23.77739  (21082304)               437306.06
3711672.67       26.69979  (21020924)
        437270.39   3711677.40       28.00642  (21111720)               437234.73
3711682.13       29.01014  (19072204)
        437109.91   3711698.70       25.29801  (19082824)               437009.00
3711673.09       21.52825  (19063024)
        436976.38   3711657.92       20.40578  (18011519)               436943.76
3711642.75       19.68059  (19021421)
        436911.14   3711627.58       19.06937  (17010818)               436878.52
3711612.41       18.65431  (20102107)
        436845.90   3711597.24       17.88595  (19082324)               436813.27
3711582.07       17.78074  (19070105)
        436780.65   3711566.90       17.68062  (19082401)               436748.03
3711551.73       16.29907  (19071305)
        436715.41   3711536.56       15.73059  (17100222)               436682.79
3711521.39       15.30546  (18071824)
        436650.17   3711506.22       14.76320  (19082401)               437590.40
3711629.73       30.25382  (20092222)
        437624.14   3711614.84       27.19062  (20092405)               437596.01
3711731.04       27.69579  (18122022)
        437560.21   3711735.79       28.38168  (20051305)               437524.42
3711740.54       26.96213  (20080201)
        437488.63   3711745.29       27.22767  (17091523)               437452.84
3711750.04       27.82830  (20091401)
        437417.05   3711754.79       25.32002  (21051801)               437381.26
3711759.54       23.43710  (19091403)
        437345.47   3711764.28       22.31594  (20122620)               437309.68
3711769.03       24.69897  (18081403)
        437273.88   3711773.78       25.16225  (21111720)               437238.09
3711778.53       25.80584  (19072204)
        437094.93   3711797.53       24.76445  (20121401)               437010.03
3711779.44       21.96525  (19063024)
        436977.29   3711764.22       19.39210  (20101418)               436944.55
3711749.00       18.63022  (20042502)
        436911.81   3711733.77       17.91130  (21021520)               436879.08
3711718.55       17.27658  (20070506)
        436846.34   3711703.32       16.88761  (20012108)               436813.60
3711688.10       16.74059  (20120702)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437313.25	3711865.41	23.06249	(18081403)	437277.35	3711870.17	23.10808	(17010717)
437241.46	3711874.93	25.53082	(21061124)	437061.98			

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3711898.75       21.50250  (19063024)
        437011.19   3711885.86       21.29138  (20092722)                436978.36
3711870.59       20.33804  (19120806)
        436945.52   3711855.33       18.45997  (20120702)                436912.69
3711840.06       17.25114  (17072006)
        436879.85   3711824.79       15.86223  (19082003)                436847.02
3711809.52       15.79137  (20070506)
        436814.18   3711794.25       15.69954  (20050805)                436781.35
3711778.98       15.67839  (20050805)
        436748.52   3711763.71       15.38657  (19082324)                436715.68
3711748.44       15.65104  (21020622)
        436682.85   3711733.17       14.94556  (19071305)                436650.01
3711717.91       13.77969  (21060824)
        436617.18   3711702.64       13.75729  (17100222)                436584.34
3711687.37       13.49081  (18071824)
        436551.51   3711672.10       12.83364  (20120917)                436518.67
3711656.83       13.09280  (19041722)
        437671.14   3711812.71       24.85210  (21101623)                437704.88
3711797.82       23.21085  (21101623)
        437676.64   3711914.03       24.59433  (20050703)                437640.66
3711918.81       24.24285  (19100804)
        437604.67   3711923.58       23.90140  (18033003)                437568.69
3711928.36       23.76810  (20080201)
        437532.70   3711933.13       23.66363  (21021001)                437496.72
3711937.91       24.37807  (19011723)
        437460.73   3711942.68       22.88590  (19071603)                437424.75
3711947.46       21.45592  (17091523)
        437388.77   3711952.23       21.52478  (21082304)                437352.78
3711957.01       21.69741  (21111720)
        437316.80   3711961.78       22.56828  (19110724)                437280.81
3711966.56       24.27081  (19110724)
        437244.83   3711971.33       25.94789  (19072204)                437012.46
3711992.33       18.42267  (20092722)
        436979.54   3711977.02       18.29857  (20092722)                436946.63
3711961.72       17.31347  (19063024)
        436913.71   3711946.41       16.57307  (20042502)                436880.80
3711931.11       16.70348  (19021421)
        436847.88   3711915.80       15.53111  (19120722)                436814.97
3711900.49       15.08494  (20012108)
        436782.05   3711885.19       14.67313  (20012108)                436749.14
3711869.88       14.75283  (20050805)
        436716.22   3711854.57       14.56720  (19082324)                436683.31
3711839.27       14.37738  (20101803)
        436650.39   3711823.96       14.06920  (21020622)                436617.48
3711808.65       13.26729  (21060824)
        436584.56   3711793.35       12.96368  (20070405)                436551.65
3711778.04       12.79591  (20053122)
        436518.73   3711762.74       12.54030  (18101321)                436485.81
3711747.43       12.08533  (20101803)
        436452.90   3711732.12       12.46913  (19041722)                437711.51
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3711904.20   24.87631 (20050703)
        437745.25   3711889.31   21.85141 (21101623)   437716.97
3712005.53   22.80776 (20050703)
        437680.91   3712010.31   21.99666 (21101623)   437644.85
3712015.10   22.58082 (20092405)
        437608.79   3712019.88   22.17545 (20092222)   437572.73
3712024.67   21.99153 (21021001)
        437536.67   3712029.45   22.59823 (17091523)   437500.61
3712034.24   22.60988 (19092304)
        437464.55   3712039.02   20.94516 (19091403)   437428.50
3712043.81   20.22286 (18112618)
        437392.44   3712048.59   20.18853 (21082304)   437356.38
3712053.38   20.05487 (19110724)
        437320.32   3712058.16   22.00495 (19050805)   437284.26
3712062.95   23.97873 (19110724)
        437248.20   3712067.73   24.18290 (19072204)   437031.84
3712096.44   16.81640 (21021604)
        436997.32   3712091.17   16.05159 (18062706)   436964.33
3712075.83   16.05879 (21121219)
        436931.35   3712060.49   15.39699 (19091402)   436898.36
3712045.15   14.53277 (19091402)
        436865.38   3712029.81   14.04627 (20091402)   436832.40
3712014.48   13.87090 (17010818)
        436799.41   3711999.14   14.02197 (20070506)   436766.43
3711983.80   14.02254 (19071305)
        436733.45   3711968.46   13.86683 (21060824)   436700.46
3711953.12   13.69873 (20050805)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                    INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                   L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                   L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                   L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436667.48	3711937.78	13.50147	(19082324)	436634.49	3711922.45	13.85805	(21020622)
436601.51	3711907.11	13.10817	(21020622)	436568.53	3711891.77	13.02233	(17020308)
436535.54	3711876.43	12.73477	(20122121)	436502.56	3711861.09	12.67289	(20122121)
436469.57	3711845.76	12.72060	(19030907)	436436.59	3711830.42	12.84545	(19120720)
436403.61	3711815.08	13.14305	(19012022)	436370.62	3711799.74	13.05518	(18011824)
437751.87	3711995.69	22.85496	(20050703)	437785.61	3711980.81	21.16507	(21101623)
437757.31	3712097.02	21.14479	(20050703)	437721.18	3712101.82	20.02000	(21021002)
437685.06	3712106.61	19.94730	(18033003)	437648.94	3712111.40	19.60590	(18033003)
437612.81	3712116.20	19.39049	(21021001)	437576.69	3712120.99	19.22762	(17091523)
437540.56	3712125.78	20.83123	(20091401)	437504.44	3712130.58	20.47716	(21020924)
437468.31	3712135.37	19.02873	(21081403)	437432.19	3712140.16	19.33111	(21051802)
437396.07	3712144.96	19.10471	(19110724)	437359.94	3712149.75	21.39676	(19050805)
437323.82	3712154.55	22.56203	(18120724)	437287.69	3712159.34	22.42536	(20092002)
437251.57	3712164.13	22.66147	(19072204)	437034.82	3712192.89	16.11442	(21021604)
436982.18	3712190.00	14.83663	(20092722)	436949.13	3712174.64	15.04079	(21121219)
436916.09	3712159.27	14.57023	(18101318)	436883.05	3712143.91	13.81308	(19091402)
436850.01	3712128.54	13.40302	(18111719)	436816.96	3712113.18	13.10603	(18121120)
436783.92	3712097.81	13.17410	(20012108)	436750.88	3712082.45	13.12533	(20102107)
436717.83	3712067.08	13.38251	(20012108)	436684.79	3712051.71	13.07402	(19082324)
436651.75	3712036.35	12.74000	(17100222)	436618.71	3712020.98	12.69715	(20071606)
436585.66	3712005.62	12.97316	(21020622)	436552.62	3711990.25	12.60869	(19020101)
436519.58	3711974.89	13.36300	(17021318)	436486.53	3711959.52	13.59766	(17021904)

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        436453.49   3711944.15       13.60694  (20051605)               436420.45
3711928.79       13.53705  (17042306)
        436387.41   3711913.42       13.62390  (18021123)               436354.36
3711898.06       13.44227  (19120720)
        436321.32   3711882.69       13.38554  (18010124)               437792.24
3712087.18       21.33083  (20050703)
        437825.98   3712072.30       20.23791  (19082403)               437797.65
3712188.52       20.16269  (20050703)
        437761.47   3712193.32       19.46603  (21021002)               437725.29
3712198.12       18.62475  (18033003)
        437689.11   3712202.92       18.46574  (20092405)               437652.93
3712207.72       18.24980  (20080201)
        437616.75   3712212.52       18.79292  (17022801)               437580.57
3712217.32       19.01759  (20080201)
        437544.38   3712222.12       20.19728  (20091401)               437508.20
3712226.92       19.33886  (19071603)
        437472.02   3712231.73       18.20839  (19091403)               437435.84
3712236.53       18.91169  (19110724)
        437399.66   3712241.33       18.16791  (21110820)               437363.48
3712246.13       20.80774  (19072204)
        437327.30   3712250.93       21.84036  (19120802)               437291.12
3712255.73       20.79983  (19110724)
        437254.94   3712260.53       20.83840  (19072204)               437037.86
3712289.34       15.27417  (21021604)
        437001.68   3712294.14       14.82324  (21021604)               436967.04
3712288.84       14.37409  (17022704)
        436933.95   3712273.46       14.23439  (21121219)               436900.85
3712258.07       13.58722  (18101318)
        436867.76   3712242.68       13.24497  (21071206)               436834.67
3712227.29       12.90871  (20091402)
        436801.57   3712211.90       12.83112  (21121219)               436768.48
3712196.51       12.87598  (19120722)
        436735.38   3712181.12       12.91804  (20102107)               436702.29
3712165.73       12.87543  (19090606)
        436669.19   3712150.34       12.47035  (20050805)               436636.10
3712134.95       12.34798  (20050805)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 715
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
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L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	12.26810	(19082324)	436569.91	3712104.17	11.99633	(20071606)
436536.82	3712088.78	12.18912	(21020622)	436503.72	3712073.39	11.81663	(19082405)
436470.63	3712058.00	11.75540	(17020308)	436437.54	3712042.61	11.29450	(19090703)
436404.44	3712027.22	11.31105	(19030907)	436371.35	3712011.83	11.44913	(19082401)
436338.25	3711996.44	11.72978	(18021123)	436305.16	3711981.05	12.15894	(19122124)
436272.06	3711965.67	12.17702	(17020622)	436238.97	3711950.28	11.65066	(19101522)
437832.61	3712178.67	19.65466	(20092405)	437866.35	3712163.79	18.89716	(19082403)
437307.35	3710801.18	94.91757	(20092222)	437307.81	3710761.16	94.64505	(20092222)
437305.08	3710736.35	96.62399	(20092222)	437302.36	3710711.54	100.58249	(20092405)
437299.63	3710686.74	104.02784	(20092405)	437296.90	3710661.93	108.23551	(20092405)
437294.17	3710637.12	113.98286	(21021002)	437355.99	3710800.79	77.40700	(21090401)
437332.06	3710855.22	85.23549	(20080104)	437357.51	3710755.69	77.12235	(20112420)
437354.78	3710730.88	79.58037	(21021002)	437352.06	3710706.08	81.03378	(20100624)
437349.33	3710681.27	82.29447	(19120820)	437346.60	3710656.46	84.60513	(19120820)
437343.87	3710631.66	86.29920	(19120820)	437405.16	3710797.86	58.04938	(19120820)
437400.37	3710820.68	58.90556	(20100624)	437395.58	3710843.51	60.28547	(21021002)
437373.45	3710881.92	71.64540	(20060305)	437356.09	3710897.50	77.07563	(20092222)
437338.74	3710913.08	81.06296	(20080104)	437409.94			

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3710775.03       54.83100  (19071602)
        437407.21   3710750.22       53.29583  (21082702)                437404.48
3710725.42       53.61684  (21051406)
        437401.76   3710700.61       55.37337  (21051406)                437399.03
3710675.80       57.23579  (19071602)
        437396.30   3710651.00       59.10352  (20042621)                437393.57
3710626.19       61.30812  (18022621)
        437454.54   3710793.91       45.83149  (21121217)                437449.43
3710818.26       47.05466  (21081405)
        437444.33   3710842.61       47.52775  (20050801)                437439.22
3710866.96       48.57350  (19120820)
        437415.61   3710907.92       60.06749  (21021002)                437397.10
3710924.55       63.97878  (20100624)
        437378.59   3710941.17       69.88497  (21101623)                437360.08
3710957.79       70.62144  (20012324)
        437459.64   3710769.57       45.11654  (21121217)                437456.91
3710744.76       45.33665  (19040621)
        437454.18   3710719.95       45.87054  (19012018)                437451.46
3710695.15       46.87169  (18040424)
        437448.73   3710670.34       47.68255  (20031318)                437446.00
3710645.53       48.99169  (21091321)
        437443.27   3710620.73       50.17110  (21091321)                437504.78
3710785.84       40.67186  (20042621)
        437495.67   3710829.32       40.85322  (19091922)                437486.55
3710872.79       41.00707  (17021024)
        437460.91   3710931.11       51.75411  (19120820)                437427.86
3710960.79       56.29778  (20112420)
        437394.81   3710990.47       65.21478  (21101623)                437506.61
3710739.29       42.07482  (19090420)
        437503.88   3710714.49       42.62125  (21122720)                437501.16
3710689.68       43.05783  (21032521)
        437498.43   3710664.87       43.60255  (21092521)                437495.70
3710640.07       44.28163  (20040220)
        437492.97   3710615.26       45.15725  (20101718)                437554.26
3710781.46       38.36019  (21122817)
        437549.47   3710804.28       38.33100  (19090420)                437544.69
3710827.11       37.63935  (18040424)
        437539.90   3710849.94       37.53143  (18040424)                437535.11
3710872.76       37.63484  (21021319)
        437530.33   3710895.59       37.83298  (18022621)                437525.54
3710918.41       37.91266  (21121217)
        437503.41   3710956.82       41.52531  (21081405)                437486.05
3710972.40       44.98573  (21081405)
        437468.70   3710987.99       47.56924  (20100624)                437451.35
3711003.57       49.16141  (21021002)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437434.00	3711019.15	54.69350	(21041006)	437416.65	3711034.74	59.90618	(21101623)
437399.29	3711050.32	58.98063	(21090124)	437559.04	3710758.63	38.26018	(20040220)
437556.31	3710733.83	38.83780	(17021106)	437553.59	3710709.02	39.36352	(20040220)
437550.86	3710684.21	39.63398	(18011921)	437548.13	3710659.41	39.93712	(20101718)
437545.40	3710634.60	40.41350	(21102418)	437542.67	3710609.79	40.99661	(19090220)
437603.78	3710776.84	35.15592	(17012319)	437598.82	3710800.51	35.18337	(21092522)
437593.85	3710824.18	35.19070	(18020618)	437588.89	3710847.85	35.26837	(21123118)
437583.93	3710871.52	35.16480	(17021106)	437578.97	3710895.19	34.87547	(20042621)
437574.00	3710918.86	34.72914	(18052020)	437569.04	3710942.54	34.93132	(19091922)
437546.08	3710982.37	35.59793	(17021024)	437528.09	3710998.53	36.64482	(17021105)
437510.09	3711014.69	38.40897	(21082702)	437492.10	3711030.85	41.57208	(19120820)
437474.10	3711047.01	43.19058	(19071304)	437456.11	3711063.17	49.00951	(20080104)
437438.11	3711079.33	55.52235	(20092405)	437420.12	3711095.49	55.35435	(20092222)

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        437608.74   3710753.17       35.14140  (18011921)                437606.01
3710728.36       35.33257  (18052003)
        437603.29   3710703.55       35.66222  (18122117)                437600.56
3710678.75       36.32706  (17022721)
        437597.83   3710653.94       36.43825  (17012118)                437595.10
3710629.13       36.95903  (19021420)
        437592.37   3710604.33       38.60480  (19051620)                437653.34
3710772.05       31.30495  (20021819)
        437648.23   3710796.40       29.63071  (19120917)                437643.13
3710820.74       30.39287  (21012218)
        437638.02   3710845.09       31.59279  (17010919)                437632.92
3710869.44       32.12447  (19051720)
        437627.82   3710893.79       32.78860  (20052621)                437622.71
3710918.13       32.84089  (18052020)
        437617.61   3710942.48       32.39133  (20090819)                437612.50
3710966.83       32.26424  (20032303)
        437588.89   3711007.80       33.24360  (17021024)                437570.38
3711024.42       33.54250  (17010918)
        437551.87   3711041.04       34.22502  (21051406)                437533.36
3711057.66       34.62526  (21082702)
        437514.85   3711074.28       36.84280  (19120820)                437496.34
3711090.91       37.79881  (19071304)
        437477.84   3711107.53       42.61037  (19071304)                437459.33
3711124.15       50.72831  (20092405)
        437440.82   3711140.77       52.08178  (20050703)                437658.44
3710747.70       31.77931  (19022818)
        437655.71   3710722.89       32.26808  (19120917)                437652.99
3710698.09       32.60568  (20102318)
        437650.26   3710673.28       32.93545  (18022219)                437647.53
3710648.47       34.30305  (21042619)
        437644.80   3710623.67       35.71886  (19030721)                437642.07
3710598.86       36.01701  (19091919)
        437703.36   3710765.06       23.26486  (19021420)                437698.57
3710787.89       23.45894  (19021420)
        437693.79   3710810.71       23.58030  (17122018)                437689.00
3710833.54       23.92597  (17010218)
        437684.22   3710856.36       26.14336  (17021118)                437679.43
3710879.19       28.60459  (19011717)
        437674.64   3710902.01       29.63323  (17010218)                437669.86
3710924.84       30.10450  (17031319)
        437665.07   3710947.67       30.59115  (21123118)                437660.29
3710970.49       30.66843  (19090420)
        437655.50   3710993.32       30.23294  (18040424)                437633.36
3711031.73       30.54224  (21021319)
        437616.01   3711047.31       31.47302  (21121217)                437598.66
3711062.89       31.68303  (19091922)
        437581.31   3711078.47       31.94141  (17021024)                437563.96
3711094.06       32.13413  (21051406)
        437546.60   3711109.64       32.89103  (18122022)                437529.25
3711125.22       35.60504  (20100624)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437708.14	3710742.23	23.37347	(19020918)	437705.41	3710717.43	24.68733	(19051922)
437702.69	3710692.62	26.54361	(18052319)	437699.96	3710667.81	28.18980	(19051922)
437697.23	3710643.01	29.04870	(19051922)	437694.50	3710618.20	28.88631	(19051922)
437691.77	3710593.39	27.06984	(17032220)	437752.93	3710760.18	21.87436	(19020918)
437748.03	3710783.59	21.47519	(21031521)	437743.12	3710807.00	21.51021	(19021419)
437738.21	3710830.41	21.58418	(20021819)	437733.30	3710853.82	21.64496	(17122018)
437728.39	3710877.23	21.53504	(20021818)	437723.49	3710900.65	22.29450	(19022019)
437718.58	3710924.06	23.81690	(18011921)	437713.67	3710947.47	26.10479	(17010218)
437708.76	3710970.88	28.23186	(20011318)	437703.85			

3710994.29 28.70512 (19050220)
437698.94 3711017.70 28.41020 (19090420) 437676.24
3711057.09 28.51604 (21070106)
437658.44 3711073.08 29.06769 (17070722) 437640.65
3711089.06 29.77487 (21121217)
437622.85 3711105.04 30.14201 (19091922) 437605.05
3711121.02 30.44807 (17021024)
437587.25 3711137.01 31.62157 (21082702) 437569.46
3711152.99 34.87731 (21082702)
437551.66 3711168.97 40.14239 (19120820) 437533.86
3711184.95 42.73387 (19071304)
437516.07 3711200.93 43.08710 (21073004) 437498.27
3711216.92 45.02204 (21041006)
437480.47 3711232.90 46.93585 (21101623) 437757.84
3710736.77 22.17605 (19051922)
437755.11 3710711.96 22.42466 (18052319) 437752.39
3710687.15 22.91958 (17022218)
437749.66 3710662.35 23.50080 (19051922) 437746.93
3710637.54 23.16176 (19051922)
437744.20 3710612.73 22.73078 (17032220) 437741.47
3710587.93 22.61294 (17122019)
437852.14 3710750.18 19.82214 (19020918) 437847.03
3710774.53 19.48752 (19020918)
437841.93 3710798.88 19.04006 (19020918) 437836.83
3710823.23 18.63179 (19020918)
437831.72 3710847.57 18.32954 (19120917) 437826.62
3710871.92 18.70484 (19021419)
437821.51 3710896.27 18.82647 (19021420) 437816.41
3710920.62 18.89999 (20022218)
437811.30 3710944.96 18.84585 (19022818) 437806.20
3710969.31 19.19311 (19022019)
437801.09 3710993.66 19.31341 (19022019) 437795.99
3711018.01 19.83210 (18020618)
437790.88 3711042.35 21.18409 (17120520) 437785.78
3711066.70 23.95970 (21122720)
437762.17 3711107.67 25.66892 (19090420) 437743.66
3711124.29 25.74062 (19092222)
437725.15 3711140.91 26.29010 (20042621) 437706.64
3711157.53 26.96372 (20052306)
437688.13 3711174.16 27.91917 (19091922) 437669.62
3711190.78 28.64395 (19012018)
437651.11 3711207.40 30.79485 (21081204) 437632.60
3711224.02 33.58870 (19120820)
437614.10 3711240.64 34.69194 (20050801) 437595.59
3711257.26 35.65541 (20012324)
437577.08 3711273.89 38.20418 (21073004) 437558.57
3711290.51 38.98018 (21073004)
437540.06 3711307.13 38.97369 (21101623) 437521.55
3711323.75 41.57487 (21101623)
437857.24 3710725.84 19.67751 (19020918) 437854.52

3710701.03   19.54591 (19020918)
        437851.79   3710676.22   19.47531 (17032220)   437849.06
3710651.42   19.32117 (18021903)
        437846.33   3710626.61   19.17219 (17122019)   437843.60
3710601.80   18.78070 (19051920)
        437840.87   3710577.00   18.19851 (20030118)   437951.68
3710738.57   17.45242 (19020503)
        437946.72   3710762.25   17.56510 (19051923)   437941.76
3710785.92   18.03955 (19020918)
        437936.79   3710809.59   17.82874 (17022218)   437931.83
3710833.26   17.40886 (19020918)
        437926.87   3710856.93   17.22040 (19020918)   437921.91
3710880.60   17.15883 (19020918)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        437877.24   3711093.64       17.67439  (17120520)                437872.28
3711117.31       18.46893  (20121117)
        437849.32   3711157.14       22.67526  (17031319)                437831.33
3711173.30       23.82269  (21091321)
        437813.33   3711189.46       23.65696  (21122720)                437795.34
3711205.62       23.86567  (19092222)
        437777.34   3711221.78       24.30055  (18040424)                437759.35
3711237.94       24.83891  (17070722)
        437741.35   3711254.10       25.61603  (21051406)                437723.36
3711270.26       25.83303  (19091922)
        437705.36   3711286.42       25.90474  (17021024)                437687.37
3711302.58       26.01775  (21051406)
        437669.37   3711318.74       26.71175  (19120820)                437651.38
3711334.90       26.49765  (20050801)
        437633.38   3711351.06       28.01026  (17072004)                437615.39
3711367.22       29.65123  (20060305)
        437597.39   3711383.38       30.79591  (19071304)                437579.40
3711399.54       32.50801  (20080104)
        437561.40   3711415.70       34.46334  (20092405)                437956.64
3710714.90       17.24180  (18022218)
        437953.92   3710690.10       17.24924  (18021903)                437951.19
3710665.29       16.65472  (19020522)
        437948.46   3710640.48       16.32401  (17092618)                437945.73
3710615.68       15.78593  (20030118)
        437943.00   3710590.87       15.54147  (18021902)                437940.27
3710566.06       15.50831  (19051920)
        438050.94   3710728.32       16.60187  (19022102)                438045.84
3710752.67       16.93661  (18021903)
        438040.73   3710777.01       16.40703  (19040619)                438035.63
3710801.36       16.09949  (19040619)
        438030.52   3710825.71       16.25595  (19020918)                438025.42
3710850.06       16.83093  (19020918)
        438020.31   3710874.40       17.01598  (19020918)                438015.21
3710898.75       16.92419  (19020918)
        438010.10   3710923.10       16.44444  (19051922)                438005.00
3710947.45       15.83265  (18122502)
        437999.90   3710971.79       15.49242  (19021420)                437994.79
3710996.14       15.05936  (18021901)
        437989.69   3711020.49       15.03905  (19021918)                437984.58
3711044.84       15.28858  (20022218)
        437979.48   3711069.18       15.13312  (19020818)                437974.37
3711093.53       15.16244  (19022818)
        437969.27   3711117.88       15.19974  (17010218)                437964.16
3711142.23       15.26002  (17012418)
        437959.06   3711166.57       15.38729  (20021818)                437935.45
3711207.54       16.58570  (20121117)
        437916.94   3711224.16       18.93047  (20121907)                437898.43
3711240.79       21.32789  (19090420)
        437879.92   3711257.41       22.48371  (19090420)                437861.41
3711274.03       22.22913  (19072504)
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        437842.90   3711290.65       22.29368  (20031221)               437824.39
3711307.27       22.50837  (17102823)
        437805.88   3711323.89       23.01836  (20042621)               437787.37
3711340.52       23.55474  (20052306)
        437768.87   3711357.14       23.57319  (19091922)               437750.36
3711373.76       23.76867  (17021024)
        437731.85   3711390.38       23.83218  (21021418)               437713.34
3711407.00       24.36802  (19120820)
        437694.83   3711423.62       24.16572  (20050801)               437676.32
3711440.25       25.02056  (17072004)
        437657.81   3711456.87       26.16330  (21073004)               437639.30
3711473.49       26.52095  (21073004)
        437620.79   3711490.11       26.47167  (19082403)               437602.29
3711506.73       29.53742  (21101623)
        438056.04   3710703.97       15.34631  (19051920)               438053.32
3710679.16       14.97481  (17022218)
        438050.59   3710654.36       15.04134  (20030118)               438047.86
3710629.55       15.22493  (18041619)
        438045.13   3710604.74       15.70975  (18041619)               438042.40
3710579.94       15.84432  (17022318)
        438039.67   3710555.13       16.05910  (18093022)               438150.45
3710716.86       19.53701  (18022307)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 719
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438145.46   3710740.67       18.57379  (17092618)                438140.46
3710764.49       16.94445  (19051622)
        438135.47   3710788.31       15.34058  (18021903)                438130.48
3710812.13       14.95314  (19040619)
        438125.48   3710835.95       16.15087  (19040619)                438120.49
3710859.77       16.52702  (19090119)
        438115.50   3710883.58       16.54466  (17101118)                438110.50
3710907.40       16.28512  (21031521)
        438105.51   3710931.22       16.10585  (18011920)                438100.52
3710955.04       15.74266  (19051922)
        438095.52   3710978.86       15.14227  (19051922)                438090.53
3711002.67       14.54140  (18122502)
        438085.54   3711026.49       14.16919  (17122017)                438080.54
3711050.31       13.88435  (17122017)
        438075.55   3711074.13       13.69515  (19021918)                438070.55
3711097.95       13.76236  (19021419)
        438065.56   3711121.77       13.91514  (20022218)                438060.57
3711145.58       13.78583  (17122018)
        438055.57   3711169.40       13.74805  (19022818)                438050.58
3711193.22       13.85742  (17010218)
        438045.59   3711217.04       13.99235  (19022019)                438022.49
3711257.12       14.63532  (20121117)
        438004.38   3711273.38       15.05174  (20121117)                437986.27
3711289.64       15.76695  (17120520)
        437968.17   3711305.90       17.25331  (21122720)                437950.06
3711322.16       19.47366  (19090420)
        437931.95   3711338.42       20.87537  (20052621)                437913.85
3711354.68       20.98313  (20031318)
        437895.74   3711370.94       20.89396  (20031221)                437877.64
3711387.20       21.11457  (18091920)
        437859.53   3711403.46       21.50089  (19091922)                437841.42
3711419.72       21.82241  (17072004)
        437823.32   3711435.98       22.05923  (19091922)                437805.21
3711452.24       22.02164  (21021418)
        437787.10   3711468.50       22.00577  (17070423)                437769.00
3711484.76       22.28316  (21090401)
        437750.89   3711501.02       23.09325  (19071602)                437732.78
3711517.28       23.18617  (19071304)
        437714.68   3711533.54       24.21897  (20100624)                437696.57
3711549.80       25.18113  (21073004)
        437678.46   3711566.06       24.95600  (21073004)                437660.36
3711582.32       24.13501  (19082403)
        437642.25   3711598.58       25.77001  (21041006)                438155.45
3710693.04       20.20840  (19050703)
        438152.72   3710668.23       20.11392  (18022307)                438149.99
3710643.42       20.00922  (19051119)
        438147.26   3710618.62       19.98106  (19092718)                438144.53
3710593.81       19.37519  (18093022)
        438141.80   3710569.00       18.34186  (17022318)                438139.08
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3710544.20       17.54026  (19012101)
        438249.74   3710706.45       15.84510  (20110703)                438244.64
3710730.80       16.95465  (19050520)
        438239.53   3710755.15       18.20237  (18022307)                438234.43
3710779.50       18.98393  (19052003)
        438229.32   3710803.84       19.07090  (19051622)                438224.22
3710828.19       18.46484  (18021903)
        438219.11   3710852.54       16.40176  (19040419)                438214.01
3710876.89       13.92310  (17032019)
        438208.91   3710901.23       15.08882  (19051923)                438203.80
3710925.58       15.56527  (19051922)
        438198.70   3710949.93       15.66543  (19051922)                438193.59
3710974.28       15.48298  (19051922)
        438188.49   3710998.62       15.13666  (19051922)                438183.38
3711022.97       14.76795  (21042619)
        438178.28   3711047.32       14.04532  (17081019)                438173.17
3711071.67       13.40765  (18052319)
        438168.07   3711096.01       13.14690  (17122017)                438162.96
3711120.36       13.09762  (19022818)
        438157.86   3711144.71       13.35749  (18122117)                438152.76
3711169.06       13.47386  (19021419)
        438147.65   3711193.40       13.65226  (17122018)                438142.55
3711217.75       13.50112  (17021119)
        438137.44   3711242.10       13.31513  (19022818)                438132.34
3711266.45       13.26048  (21010317)
        438108.72   3711307.41       13.65112  (17021118)                438090.22
3711324.04       14.21473  (18011921)
        438071.71   3711340.66       15.24637  (18021605)                438053.20
3711357.28       16.01446  (17091021)
        438034.69   3711373.90       17.51649  (17021106)                438016.18
3711390.52       19.08666  (21091321)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 720
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437997.67	3711407.14	19.50911	(21021319)	437979.16	3711423.77	19.44437	(20061320)
437960.65	3711440.39	19.58900	(21122817)	437942.14	3711457.01	19.77097	(20052306)
437923.64	3711473.63	19.89626	(17070722)	437905.13	3711490.25	20.24336	(17021024)
437886.62	3711506.87	20.49288	(21121217)	437868.11	3711523.50	20.53977	(19091922)
437849.60	3711540.12	20.74467	(17010918)	437831.09	3711556.74	20.95094	(17021105)
437812.58	3711573.36	21.26590	(21090401)	437794.07	3711589.98	21.66548	(19071602)
437775.56	3711606.60	21.59113	(21081204)	437757.06	3711623.23	22.37161	(20100624)
437738.55	3711639.85	23.43225	(20112420)	437720.04	3711656.47	23.39323	(21073004)
437701.53	3711673.09	22.71451	(19071304)	437683.02	3711689.71	23.70732	(20100624)
438254.85	3710682.11	14.92019	(19050520)	438252.12	3710657.30	14.57777	(18082421)
438249.39	3710632.49	14.66434	(18090719)	438246.66	3710607.69	15.09187	(21021019)
438243.93	3710582.88	15.45143	(19010718)	438241.20	3710558.07	15.43323	(18082322)
438238.48	3710533.27	15.41186	(21100424)	438349.23	3710695.09	13.64057	(17041824)
438344.22	3710719.00	13.61836	(18082421)	438339.21	3710742.91	13.80717	(20110703)
438334.19	3710766.82	14.51387	(17120317)	438329.18	3710790.74	15.75113	(20020618)
438324.17	3710814.65	16.92264	(20102018)	438319.15	3710838.56	17.73681	(17020519)
438314.14	3710862.47	18.10804	(18121117)	438309.13	3710886.39	17.89963	(18091102)
438304.11	3710910.30	17.64449	(20102319)	438299.10	3710934.21	16.12960	(17022218)
438294.09	3710958.13	13.80160	(19051923)	438289.07	3710982.04	13.69082	(17101118)
438284.06	3711005.95	14.39396	(19051922)	438279.05	3711029.86	14.52057	(19051922)

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        438274.03   3711053.78       14.29122  (21042619)                438269.02
3711077.69       13.92831  (17081019)
        438264.01   3711101.60       13.55721  (17081019)                438258.99
3711125.51       13.24311  (21042619)
        438253.98   3711149.43       12.76541  (19020519)                438248.97
3711173.34       12.39226  (19120917)
        438243.95   3711197.25       13.05820  (17021107)                438238.94
3711221.17       13.32035  (17122018)
        438233.93   3711245.08       13.05914  (18122117)                438228.91
3711268.99       12.21969  (19022101)
        438223.90   3711292.90       11.68532  (17010919)                438218.89
3711316.82       12.09605  (19022818)
        438195.69   3711357.05       13.19069  (17012319)                438177.52
3711373.38       14.73337  (17012418)
        438159.34   3711389.70       16.23499  (19050623)                438141.16
3711406.03       16.96123  (17012418)
        438122.98   3711422.35       17.24777  (20040220)                438104.80
3711438.68       17.66353  (19050220)
        438086.62   3711455.00       17.97025  (20011318)                438068.45
3711471.33       18.11897  (19050220)
        438050.27   3711487.65       18.40299  (18052020)                438032.09
3711503.98       18.40464  (20031221)
        438013.91   3711520.30       18.52695  (20031221)                437995.73
3711536.63       18.55013  (18052020)
        437977.55   3711552.95       18.66748  (21121217)                437959.38
3711569.28       18.96293  (20052306)
        437941.20   3711585.60       19.42121  (18022621)                437923.02
3711601.93       19.44797  (21121217)
        437904.84   3711618.25       19.35503  (17021024)                437886.66
3711634.58       19.45618  (21082702)
        437868.48   3711650.90       19.52980  (21021418)                437850.31
3711667.23       20.51122  (19120820)
        437832.13   3711683.55       20.69150  (17093002)                437813.95
3711699.88       20.77974  (19071304)
        437795.77   3711716.20       21.53950  (20100624)                437777.59
3711732.53       22.15454  (20112420)
        437759.41   3711748.85       22.35844  (21073004)                437741.24
3711765.17       21.72076  (19071304)
        437723.06   3711781.50       22.41256  (20080104)                438354.25
3710671.17       13.97148  (17092619)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 721
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
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INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	14.36996	(19010718)	438348.79	3710621.56	14.96972	(18082321)
438346.06	3710596.75	15.40031	(18092424)	438343.33	3710571.95	15.61193	(20032619)
438340.61	3710547.14	15.95171	(19051323)	438337.88	3710522.33	16.30918	(18041206)
438448.54	3710684.59	14.73200	(18071924)	438443.44	3710708.94	13.98801	(19080420)
438438.33	3710733.28	13.36192	(19080106)	438433.23	3710757.63	13.02808	(18082421)
438428.12	3710781.98	12.88880	(18053119)	438423.02	3710806.33	13.01775	(18072123)
438417.92	3710830.67	13.60684	(21110419)	438412.81	3710855.02	14.64776	(19020520)
438407.71	3710879.37	15.86939	(18112317)	438402.60	3710903.72	16.62686	(18121117)
438397.50	3710928.06	16.74588	(18010919)	438392.39	3710952.41	16.84808	(17122019)
438387.29	3710976.76	17.08618	(19091620)	438382.18	3711001.11	16.36587	(17122019)
438377.08	3711025.45	12.67554	(19051923)	438371.97	3711049.80	13.01242	(21031521)
438366.87	3711074.15	13.42609	(19051922)	438361.77	3711098.50	13.10078	(19051922)
438356.66	3711122.84	12.66696	(21042619)	438351.56	3711147.19	12.85766	(17081019)
438346.45	3711171.54	12.72812	(17021107)	438341.35	3711195.89	12.17056	(17101118)
438336.24	3711220.23	11.62789	(19020519)	438331.14	3711244.58	11.59876	(19120917)
438326.03	3711268.93	11.86669	(19022818)	438320.93			

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3711293.28       11.95852  (19021419)
        438315.83   3711317.62       12.14022  (17122018)               438310.72
3711341.97       12.22092  (19022101)
        438305.62   3711366.32       12.19409  (20021819)               438282.00
3711407.29       13.04248  (19011717)
        438263.49   3711423.91       14.72356  (21012218)               438244.98
3711440.53       15.55128  (18052003)
        438226.48   3711457.15       15.79142  (19050623)               438207.97
3711473.77       15.89935  (20101718)
        438189.46   3711490.40       16.19350  (17021106)               438170.95
3711507.02       16.58359  (19050220)
        438152.44   3711523.64       16.81805  (19051720)               438133.93
3711540.26       17.00616  (19051720)
        438115.42   3711556.88       17.15951  (18012907)               438096.91
3711573.50       17.26355  (19072504)
        438078.41   3711590.13       17.39974  (18091920)               438059.90
3711606.75       17.45680  (18041822)
        438041.39   3711623.37       17.50665  (18041822)               438022.88
3711639.99       17.66163  (19091922)
        438004.37   3711656.61       17.87817  (20042621)               437985.86
3711673.23       18.27129  (17021024)
        437967.35   3711689.86       18.22356  (21021418)               437948.84
3711706.48       18.03550  (17082920)
        437930.33   3711723.10       18.40864  (17021105)               437911.83
3711739.72       18.53453  (21081204)
        437893.32   3711756.34       19.37792  (21090401)               437874.81
3711772.96       19.58239  (21081204)
        437856.30   3711789.58       19.68380  (19071304)               437837.79
3711806.21       20.17604  (18122022)
        437819.28   3711822.83       20.94800  (20112420)               437800.77
3711839.45       21.21202  (21073004)
        437782.26   3711856.07       20.60518  (19071304)               437763.75
3711872.69       20.71546  (19082403)
        438453.65   3710660.24       15.31752  (18020521)               438450.92
3710635.43       15.50288  (18112917)
        438448.19   3710610.63       15.44190  (20032619)               438445.46
3710585.82       15.08144  (17091321)
        438442.73   3710561.01       14.57997  (19052002)               438440.01
3710536.21       14.30903  (18062204)
        438437.28   3710511.40       13.85080  (17091321)               438548.02
3710673.29       14.24717  (19010718)
        438542.99   3710697.27       14.18960  (18071924)               438537.97
3710721.24       13.81760  (21042520)
        438532.94   3710745.22       13.18372  (17092619)               438527.91
3710769.20       12.56020  (19080106)
        438522.88   3710793.18       12.18518  (18082421)               438517.86
3710817.16       12.06004  (19042920)
        438512.83   3710841.14       12.09841  (19091020)               438507.80
3710865.12       12.31850  (20041920)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438502.78	3710889.09	12.58961	(19091020)	438497.75	3710913.07	12.86704	(18010919)
438492.72	3710937.05	13.07780	(18092121)	438487.69	3710961.03	14.17744	(20102420)
438482.67	3710985.01	15.50128	(18040802)	438477.64	3711008.99	16.02161	(19072720)
438472.61	3711032.97	15.51509	(18022222)	438467.59	3711056.94	14.11248	(19091620)
438462.56	3711080.92	12.37740	(19090119)	438457.53	3711104.90	12.48114	(19051922)
438452.50	3711128.88	13.23810	(19090119)	438447.48	3711152.86	13.18839	(19091919)
438442.45	3711176.84	13.01663	(19020522)	438437.42	3711200.82	12.76685	(19020519)
438432.40	3711224.79	12.56848	(18022222)	438427.37	3711248.77	11.90384	(19021420)
438422.34	3711272.75	11.10558	(18021904)	438417.31	3711296.73	10.53119	(17122017)
438412.29	3711320.71	10.31268	(19022818)	438407.26	3711344.69	10.37833	(18122117)
438402.23	3711368.67	10.68087	(19021419)	438397.21	3711392.64	11.11075	(18122117)

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        438392.18   3711416.62       11.18406  (19022101)              438368.92
3711456.97       11.80736  (21010317)
        438350.69   3711473.34       11.82613  (19011717)              438332.47
3711489.71       12.31639  (17012319)
        438314.24   3711506.08       13.27004  (20101718)              438296.01
3711522.45       14.14710  (19122917)
        438277.78   3711538.82       14.78493  (21100518)              438259.55
3711555.19       14.95260  (20011318)
        438241.32   3711571.56       15.11081  (17031319)              438223.09
3711587.93       15.41943  (21091321)
        438204.87   3711604.30       15.81364  (21123118)              438186.64
3711620.67       15.98494  (21091321)
        438168.41   3711637.04       16.23434  (18052020)              438150.18
3711653.41       16.27190  (20061320)
        438131.95   3711669.78       16.45785  (20031221)              438113.72
3711686.15       16.44054  (18041822)
        438095.50   3711702.52       16.50305  (17102823)              438077.27
3711718.89       16.71568  (21121217)
        438059.04   3711735.26       16.89513  (17021024)              438040.81
3711751.63       16.89904  (17010918)
        438022.58   3711768.00       16.99690  (19091922)              438004.35
3711784.37       16.96886  (20091421)
        437986.13   3711800.74       16.99967  (17010918)              437967.90
3711817.11       16.66603  (21051406)
        437949.67   3711833.48       16.52160  (21081204)              437931.44
3711849.85       17.18184  (21081204)
        437913.21   3711866.22       17.48573  (21081204)              437894.98
3711882.59       17.74958  (17072004)
        437876.75   3711898.96       18.67200  (18122022)              437858.53
3711915.33       19.41734  (20112420)
        437840.30   3711931.70       20.11990  (21073004)              437822.07
3711948.07       19.74188  (19071304)
        437803.84   3711964.44       19.76922  (19082403)              438553.05
3710649.31       13.80469  (17070621)
        438550.32   3710624.50       12.89047  (20123124)              438547.59
3710599.69       11.95931  (17070923)
        438544.86   3710574.89       11.47966  (18062204)              438542.13
3710550.08       11.28014  (20051020)
        438539.41   3710525.27       11.24657  (17010518)              438536.68
3710500.47       11.25512  (21092420)
        438647.34   3710662.72       11.68195  (18082321)              438642.24
3710687.07       12.41981  (17052903)
        438637.13   3710711.42       13.01723  (20052320)              438632.03
3710735.77       13.25670  (21042520)
        438626.93   3710760.11       13.20044  (21042520)              438621.82
3710784.46       12.92254  (18042623)
        438616.72   3710808.81       12.18643  (17070721)              438611.61
3710833.16       11.53279  (17120317)
        438606.51   3710857.50       11.31298  (17030318)              438601.40
3710881.85       11.41288  (18092920)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	13.67738	(19091620)	438550.36	3711125.33	12.96949	(19091620)
438545.25	3711149.67	12.22777	(19090119)	438540.15	3711174.02	11.43507	(18022222)
438535.04	3711198.37	10.86311	(18052319)	438529.94	3711222.72	11.18837	(19022102)
438524.84	3711247.06	11.90590	(17081019)	438519.73	3711271.41	11.92320	(19091919)
438514.63	3711295.76	11.47227	(21042619)	438509.52	3711320.11	11.37068	(19022101)
438504.42	3711344.45	11.54547	(17021119)	438499.31	3711368.80	11.25413	(17122018)
438494.21	3711393.15	11.21221	(19022818)	438489.10			

3711417.50 11.39345 (19021419)
438484.00 3711441.84 11.32529 (17021107) 438478.89
3711466.19 11.22663 (19022101)
438455.28 3711507.16 11.26415 (20021819) 438436.77
3711523.78 11.40169 (17012319)
438418.26 3711540.40 11.38325 (19011717) 438399.75
3711557.02 11.64905 (17012319)
438381.25 3711573.65 12.60866 (21012218) 438362.74
3711590.27 13.62882 (20040220)
438344.23 3711606.89 14.37855 (19073021) 438325.72
3711623.51 14.74514 (18110923)
438307.21 3711640.13 14.86363 (21032521) 438288.70
3711656.75 15.00314 (21092522)
438270.19 3711673.38 15.09490 (19051720) 438251.68
3711690.00 15.14841 (21122817)
438233.17 3711706.62 15.25598 (18012907) 438214.67
3711723.24 15.37878 (19072504)
438196.16 3711739.86 15.47337 (19072504) 438177.65
3711756.48 15.51496 (20031520)
438159.14 3711773.11 15.59701 (20032303) 438140.63
3711789.73 15.63020 (17031724)
438122.12 3711806.35 15.83429 (21121217) 438103.61
3711822.97 16.00623 (19121324)
438085.10 3711839.59 16.03068 (20012007) 438066.60
3711856.21 16.00086 (20091421)
438048.09 3711872.84 16.05254 (17021024) 438029.58
3711889.46 15.99009 (17070423)
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3711922.70 15.92133 (21081204)
437974.05 3711939.32 16.57908 (21081204) 437955.54
3711955.94 16.85319 (21081204)
437937.03 3711972.57 16.93991 (17072004) 437918.52
3711989.19 17.66493 (18122022)
437900.02 3712005.81 18.71997 (20112420) 437881.51
3712022.43 19.47776 (21073004)
437863.00 3712039.05 19.27151 (19071304) 437844.49
3712055.67 19.01587 (19082403)
438652.45 3710638.38 11.08974 (19051323) 438649.72
3710613.57 10.79035 (20012607)
438646.99 3710588.76 10.65946 (18060621) 438644.26
3710563.96 10.59527 (19011720)
438641.54 3710539.15 10.57036 (17091321) 438638.81
3710514.34 10.62224 (21092420)
438636.08 3710489.54 10.70624 (18052001) 438746.81
3710651.47 10.26256 (17041920)
438741.77 3710675.50 10.52755 (19051323) 438736.74
3710699.52 10.89278 (18072506)
438731.70 3710723.55 11.24885 (18071924) 438726.66
3710747.58 11.73760 (19080105)
438721.62 3710771.61 12.31820 (17070621) 438716.59

3710795.63   12.40706 (18072506)
        438711.55   3710819.66   12.11752 (18072506)   438706.51
3710843.69   11.53017 (19090120)
        438701.48   3710867.71   11.08758 (17041824)   438696.44
3710891.74   11.03888 (18052320)
        438691.40   3710915.77   11.34610 (19091020)   438686.36
3710939.80   12.10266 (20072121)
        438681.33   3710963.82   12.97523 (20041920)   438676.29
3710987.85   13.80037 (20041920)
        438671.25   3711011.88   13.58655 (17082506)   438666.21
3711035.90   13.18268 (20020618)
        438661.18   3711059.93   13.49231 (17051021)   438656.14
3711083.96   14.22557 (19090223)
        438651.10   3711107.99   14.41460 (19072720)   438646.06
3711132.01   14.23563 (18021904)
        438641.03   3711156.04   13.71945 (18011920)   438635.99
3711180.07   13.06114 (21031521)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                  INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        438610.80   3711300.20        9.60802  (17081019)              438605.77
3711324.23        8.83306  (19022102)
        438600.73   3711348.26        9.22513  (17081019)              438595.69
3711372.28        9.89692  (19021420)
        438590.65   3711396.31       10.18540  (17091119)              438585.62
3711420.34       10.45405  (17122018)
        438580.58   3711444.37       10.38468  (19022818)              438575.54
3711468.39       10.31456  (19022818)
        438570.50   3711492.42        9.91105  (19021419)              438565.47
3711516.45        9.41546  (18122117)
        438542.16   3711556.88        9.46043  (19021420)              438523.90
3711573.28       10.06223  (19022818)
        438505.63   3711589.68       10.67911  (19120917)              438487.37
3711606.09       11.64179  (19122917)
        438469.10   3711622.49       12.57437  (20101718)              438450.84
3711638.89       13.38728  (19011717)
        438432.57   3711655.29       13.51757  (19022819)              438414.31
3711671.70       13.81170  (21072620)
        438396.04   3711688.10       14.00651  (21092522)              438377.78
3711704.50       14.06590  (21072620)
        438359.51   3711720.91       14.30474  (21032521)              438341.25
3711737.31       14.39135  (19040222)
        438322.98   3711753.71       14.37299  (21031019)              438304.71
3711770.12       14.44388  (21082721)
        438286.45   3711786.52       14.55641  (18052020)              438268.18
3711802.92       14.66267  (20031221)
        438249.92   3711819.32       14.76140  (20031318)              438231.65
3711835.73       14.70039  (20080622)
        438213.39   3711852.13       14.75796  (20052306)              438195.12
3711868.53       14.82971  (17031724)
        438176.86   3711884.94       14.99687  (20031318)              438158.59
3711901.34       15.15264  (17050506)
        438140.33   3711917.74       15.18049  (17010918)              438122.06
3711934.14       15.18392  (19091922)
        438103.80   3711950.55       15.17718  (21021418)              438085.53
3711966.95       15.20464  (17010918)
        438067.27   3711983.35       14.92692  (21051406)              438049.00
3711999.76       14.83447  (21021418)
        438030.73   3712016.16       15.99885  (21082702)              438012.47
3712032.56       16.42057  (21081204)
        437994.20   3712048.97       16.23201  (21081204)              437975.94
3712065.37       15.69597  (20100624)
        437957.67   3712081.77       16.17848  (18122022)              437939.41
3712098.17       16.47549  (20112420)
        437921.14   3712114.58       17.31925  (21073004)              437902.88
3712130.98       17.87269  (21073004)
        437884.61   3712147.38       17.93740  (19082403)              438751.85
3710627.44       10.07432  (17091321)
        438749.12   3710602.64        9.97803  (20020818)              438746.39
3710577.83        9.99424  (18061320)
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        438743.66   3710553.02       10.03823  (20051020)                438740.94
3710528.22        9.95181  (18061320)
        438738.21   3710503.41       10.06387  (18052001)                438735.48
3710478.60        9.95412  (17121917)
        437306.53   3710616.73      103.54120  (21021001)                437313.98
3710595.52       97.95340  (18080106)
        437321.42   3710574.31       95.83338  (19071602)                437361.16
3710612.07       76.14591  (21081405)
        437368.60   3710590.86       69.70009  (18022621)                437415.78
3710607.42       56.15420  (21122817)
        437433.19   3710708.81       48.74706  (17021024)                437480.37
3710725.37       43.62809  (18040424)
        437582.17   3710737.27       36.96178  (19011717)                437676.53
3710770.38       27.18159  (19022101)
        437683.97   3710749.17       27.52058  (17021107)                437716.27
3710808.14       22.37233  (20021819)
        437723.71   3710786.93       22.29096  (19021419)                438595.27
3711021.29       14.99187  (18091102)
        438674.75   3711096.83       13.91666  (18121117)                438682.19
3711075.62       13.18455  (17051021)
        437329.33   3710551.33       88.51625  (20050801)                437337.14
3710528.63       83.85268  (19012018)
        437344.96   3710505.93       81.10378  (19122917)                437352.77
3710483.23       78.50523  (19011717)
        437376.61   3710567.60       67.65866  (21123118)                437384.42
3710544.90       67.13143  (19011717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 725
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                 INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	65.53529	(19011717)	437400.05	3710499.51	62.73709	(19022818)
437423.89	3710583.87	55.96181	(20101718)	437431.70	3710561.17	55.55863	(19011717)
437439.51	3710538.48	54.80877	(17012319)	437447.32	3710515.78	54.72367	(17070719)
437471.16	3710600.14	48.09459	(20041724)	437478.98	3710577.45	48.20107	(17022721)
437486.79	3710554.75	47.72732	(19021420)	437494.60	3710532.05	46.45569	(18022222)
437518.44	3710616.42	42.75205	(20112417)	437526.25	3710593.72	42.74371	(19090220)
437534.07	3710571.02	43.44883	(19030721)	437541.88	3710548.33	42.34296	(21031521)
437589.16	3710564.60	37.51780	(17122019)	437620.81	3710626.27	36.19847	(17021107)
437723.18	3710636.11	24.30726	(17101118)	437770.46	3710652.39	22.41328	(19051922)
437778.27	3710629.69	22.01568	(19040619)	437872.82	3710662.24	19.11502	(18021903)
438345.60	3710824.97	16.40959	(18092121)	438432.34	3710880.21	15.26131	(19020520)
438440.16	3710857.51	14.16252	(18112317)	438511.27	3710958.15	13.89354	(17111018)
438519.09	3710935.45	12.84008	(20101419)	438526.90	3710912.76	12.34471	(19020520)
438534.71	3710890.06	12.02045	(18080321)	438605.83	3710990.70	14.86915	(19020520)
438613.64	3710968.00	14.54849	(17082506)	438621.46	3710945.30	13.52119	(20041920)
438629.27	3710922.61	12.26802	(19020520)	438692.57	3711045.94	12.35572	(17111018)
438700.39	3711023.24	12.48215	(18050101)	438708.20	3711000.55	13.03858	(20102018)
438716.01	3710977.85	12.62389	(20041920)	438723.82	3710955.15	11.79581	(20072121)
437354.00	3710454.83	77.17600	(18041821)	437343.58	3710413.15	84.23630	(17122019)
437401.68	3710461.64	66.51311	(21031521)	437397.29	3710421.87	65.71276	(21022518)
437450.09	3710451.88	53.35538	(19022102)	437445.80	3710409.74	51.60198	(18123121)
437498.70	3710437.39	39.10145	(19122417)	437497.06	3710475.25	41.27757	(18021903)
437494.31	3710397.61	38.13144	(17012018)	437547.15			

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3710426.61       32.59473  (18031405)
        437545.39   3710467.18       33.64296  (17122019)                437543.64
3710507.75       35.28669  (18021903)
        437542.82   3710385.49       31.91954  (18123121)                437595.61
3710415.50       27.73991  (18020519)
        437593.77   3710458.10       29.48246  (18022218)                437591.92
3710500.70       30.43031  (17122019)
        437591.32   3710373.36       27.49648  (19012101)                437644.18
3710401.95       22.28339  (19012101)
        437642.46   3710441.71       24.78017  (18031405)                437640.74
3710481.47       26.19064  (19051920)
        437639.02   3710521.23       26.96508  (19020522)                437637.29
3710560.99       29.24000  (17032220)
        437639.83   3710361.23       22.41756  (20020818)                437692.65
3710390.60       20.20028  (19012101)
        437690.86   3710431.91       21.85924  (18031405)                437689.08
3710473.22       22.93811  (21042719)
        437687.29   3710514.53       23.14084  (18011920)                437685.50
3710555.84       25.01269  (17122019)
        437688.34   3710349.11       19.54821  (19021719)                437741.13
3710379.12       17.23185  (20020818)
        437739.29   3710421.72       19.10003  (18123121)                437737.44
3710464.32       20.26981  (19021521)
        437735.60   3710506.92       20.97570  (18031405)                437733.76
3710549.52       21.46315  (17122019)
        437736.84   3710336.98       18.02818  (18050919)                437789.68
3710365.98       16.68026  (19021719)
        437787.93   3710406.55       17.94077  (19012101)                437786.17
3710447.12       18.57410  (19012101)
        437784.41   3710487.69       18.98776  (21042719)                437782.66
3710528.26       19.59818  (19051920)
        437780.90   3710568.83       19.94120  (17092618)                437785.35
3710324.85       16.39438  (18020519)
        437886.65   3710342.74       15.53866  (18020519)                437884.81
3710385.34       15.77792  (20030220)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 726
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                 INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                 L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                 L0004242    , L0004243    , L0004244    , L0004245    , L0004246
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, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437882.97   3710427.94   15.64506 (18022318)   437881.12
3710470.54   16.09671 (18050919)
        437879.28   3710513.14   16.81791 (21042719)   437877.43
3710555.74   17.22495 (18031405)
        437875.59   3710598.34   17.40631 (18011920)   437882.37
3710300.60   12.25697 (21101617)
        437983.68   3710318.11   12.97093 (17041319)   437981.87
3710359.96   11.30721 (21101617)
        437980.06   3710401.82   14.67322 (19030918)   437978.25
3710443.67   15.65275 (18022318)
        437976.44   3710485.52   16.58822 (18093022)   437974.63
3710527.37   16.74591 (21042719)
        437972.81   3710569.23   16.12527 (21042719)   437971.00
3710611.08   15.76946 (20030118)
        437979.38   3710276.35   18.20671 (21121417)   438080.71
3710293.59   17.75355 (17021822)
        438078.92   3710334.89   19.21100 (19121517)   438077.13
3710376.20   16.08027 (19012101)
        438075.35   3710417.51   11.47924 (19030918)   438073.56
3710458.82   11.11845 (19030918)
        438071.77   3710500.13   12.00981 (19012101)   438069.98
3710541.44   12.37970 (18093022)
        438068.19   3710582.75   13.34630 (21042719)   438076.39
3710252.09   16.77572 (17021821)
        438177.70   3710269.98   15.63160 (19040220)   438175.85
3710312.58   14.95042 (17012021)
        438174.01   3710355.18   15.44543 (19021618)   438172.16
3710397.78   17.71306 (17121917)
        438170.32   3710440.38   18.96636 (21092420)   438168.48
3710482.98   19.07946 (18022318)
        438166.63   3710525.58   19.08165 (17041920)   438164.79
3710568.18   19.27874 (18123121)
        438173.41   3710227.84   16.66633 (18122504)   438274.72
3710245.46   16.20963 (19051924)
        438272.90   3710287.54   16.50848 (18033019)   438271.08
3710329.61   16.43713 (17012021)

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        438269.26   3710371.68       15.94915  (20072119)               438267.44
3710413.76       14.79872  (19022024)
        438265.62   3710455.83       14.18466  (19071521)               438263.79
3710497.90       14.39605  (19071521)
        438261.97   3710539.98       14.41110  (20040803)               438270.42
3710203.58       15.89760  (20022618)
        438371.75   3710221.00       15.08472  (17021821)               438369.94
3710262.65       15.30365  (19051924)
        438368.14   3710304.30       15.39759  (17012021)               438366.34
3710345.96       15.63359  (19021618)
        438364.53   3710387.61       16.01407  (21042522)               438362.73
3710429.26       16.27042  (21082021)
        438360.93   3710470.92       16.46852  (18020519)               438359.12
3710512.57       16.33280  (18052001)
        438367.44   3710179.33       14.97957  (19012024)               438468.74
3710197.22       13.84619  (18120117)
        438466.89   3710239.82       14.25307  (17021821)               438465.05
3710282.42       14.32915  (19121418)
        438463.21   3710325.02       13.88026  (19121517)               438461.36
3710367.62       12.88006  (21072522)
        438459.52   3710410.22       12.06626  (17042819)               438457.67
3710452.82       12.03811  (17080121)
        438455.83   3710495.42       12.47143  (20012607)               438464.45
3710155.08       12.74888  (18071902)
        438565.76   3710172.76       11.65374  (19020618)               438563.94
3710214.95       12.87313  (17092423)
        438562.11   3710257.15       13.08675  (20051119)               438560.28
3710299.34       12.51559  (18122503)
        438558.46   3710341.54       12.82090  (17012021)               438556.63
3710383.73       12.83891  (17082504)
        438554.80   3710425.92       12.07721  (17042819)               438552.98
3710468.12       11.39007  (17080121)
        438536.54   3710847.87       11.76958  (21031520)               438561.47
3710130.82       10.61332  (17051719)
        438662.78   3710148.34        9.96485  (17061922)               438660.97
3710190.19       10.66600  (19032019)
        438659.16   3710232.04       11.78280  (18122504)               438657.35
3710273.89       11.64112  (21082101)
        438655.54   3710315.75       10.78187  (19022104)               438653.73
3710357.60       10.64604  (21031421)
        438651.91   3710399.45       11.13361  (17041901)               438650.10
3710441.30       10.92925  (17082504)
        438631.99   3710859.83       11.23918  (18022307)               438658.48
3710106.57       10.16598  (17012303)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	9.38001	(19012023)	438757.94	3710167.06	9.29887	(21020919)
438756.09	3710209.66	9.69626	(19040220)	438754.25	3710252.26	10.43834	(21091019)
438752.41	3710294.86	10.53311	(17070720)	438750.56	3710337.46	10.22938	(17021619)
438748.72	3710380.05	9.80800	(17052621)	438746.87	3710422.65	9.92002	(21031421)
438728.43	3710848.65	11.27697	(17070721)	438726.59	3710891.25	10.71791	(20110703)
438755.49	3710082.32	9.53464	(19041901)	437346.05	3710385.82	79.25214	(17020519)
437396.03	3710387.04	61.14993	(19040518)	437446.52	3710367.92	48.88073	(18122506)
437496.50	3710369.14	37.19186	(18022318)	437995.36	3710422.03	14.88753	(19051919)
437996.35	3710381.35	12.44014	(19051919)	438094.83	3710444.81	11.94857	(19051919)
438095.82	3710404.13	16.01128	(20030220)	438194.80	3710447.25	17.67908	(17080121)
438195.80	3710406.57	16.30415	(21072522)	438294.77	3710449.69	15.56412	(17080121)
438295.77	3710409.01	16.21819	(17012318)	438394.74	3710452.13	15.21391	(19041719)
438395.74	3710411.45	14.86559	(21031719)	438494.71	3710454.57	11.49326	(19012101)
438495.71	3710413.89	11.73545	(17042819)	438594.68			

3710457.01 11.30629 (21031719)
438595.68 3710416.33 12.05691 (21031421) 438694.65
3710459.46 10.32352 (18022306)
438695.65 3710418.78 10.59687 (17012318) 438794.62
3710461.90 9.59729 (18122506)
438795.62 3710421.22 9.54031 (17012318) 437341.85
3710350.28 72.87466 (21010117)
437325.75 3710319.20 73.40256 (19101917) 437302.93
3710287.45 67.23098 (20041418)
437382.46 3710321.10 53.31139 (18122507) 437391.84
3710351.50 56.55792 (18022318)
437366.35 3710290.02 51.25372 (21012006) 437343.53
3710258.27 49.08085 (18122505)
437424.00 3710294.96 43.91403 (19022103) 437435.26
3710331.44 47.03649 (17021619)
437406.96 3710260.84 41.54817 (19012024) 437384.14
3710229.09 39.84083 (18012018)
437464.33 3710264.91 37.19201 (21121419) 437475.05
3710299.66 37.73879 (21012006)
437485.78 3710334.40 37.77912 (20030220) 437447.56
3710231.67 36.08791 (17012019)
437424.74 3710199.91 33.53400 (19012118) 437504.78
3710235.25 31.68413 (17051120)
437515.21 3710269.03 29.99062 (21121417) 437525.64
3710302.81 29.68980 (19021719)
437536.06 3710336.58 30.69855 (19012101) 437488.16
3710202.49 32.33575 (19012103)
437465.34 3710170.73 28.02995 (17012019) 437545.80
3710207.42 26.95993 (20122918)
437557.06 3710243.90 25.61759 (18122505) 437568.32
3710280.38 25.48048 (19022103)
437579.58 3710316.86 25.86543 (18020519) 437528.76
3710173.31 29.00427 (21012506)
437505.94 3710141.55 24.66924 (18021907) 437586.25
3710177.74 23.38098 (20122918)
437597.20 3710213.20 22.38008 (21012006) 437608.14
3710248.67 21.82509 (17051120)
437619.09 3710284.14 22.30264 (19022103) 437630.04
3710319.60 22.67870 (18050919)
437569.37 3710144.13 24.98448 (18012018) 437546.55
3710112.37 21.20796 (19012105)
437626.74 3710148.20 20.72892 (17012020) 437637.46
3710182.94 19.94299 (19012103)
437648.19 3710217.68 19.60909 (18122505) 437658.91
3710252.42 19.80370 (21121417)
437669.63 3710287.17 20.00664 (19022103) 437680.36
3710321.91 20.27731 (18050919)
437609.97 3710114.95 20.96856 (19021721) 437587.15
3710083.19 18.85476 (19012105)
437667.61 3710119.88 18.07745 (21012507) 437678.87

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                  L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                  L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                  L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437712.65   3710265.80   18.22899 (19022103)   437723.91
3710302.28   18.00586 (21101617)
        437650.57   3710085.77   18.38302 (19021722)   437627.75
3710054.01   16.80446 (19021020)
        437708.10   3710090.35   16.32994 (21012519)   437719.14
3710126.11   16.28271 (21012506)
        437730.18   3710161.88   15.95394 (19012105)   437741.22
3710197.64   15.11286 (21012507)
        437752.26   3710233.41   16.05847 (18041620)   437763.30
3710269.17   16.84978 (21012006)
        437774.33   3710304.94   16.34180 (19012102)   437691.17
3710056.59   16.09115 (18021907)
        437668.35   3710024.83   14.94381 (21120217)   437789.42
3710032.35   10.02130 (19021020)
        437800.68   3710068.83   11.88128 (19021020)   437811.94
3710105.31   13.39080 (19012103)
        437823.20   3710141.79   13.27275 (19012105)   437834.46
3710178.27   10.98210 (19021721)

```
        437845.71   3710214.75       11.55602  (20110820)               437856.97
3710251.23       14.74392  (19022103)
        437772.38   3709998.23       11.46645  (21012506)               437749.56
3709966.48       10.30981  (19012103)
        437870.70   3709974.25       12.99188  (21120217)               437882.13
3710011.26       15.83700  (20122918)
        437893.55   3710048.27       15.68863  (18012018)               437904.97
3710085.28       15.31802  (19012103)
        437916.39   3710122.29       16.50725  (17051120)               437927.82
3710159.30       18.14712  (19012102)
        437939.24   3710196.30       18.21425  (19030223)               437950.66
3710233.31       17.90275  (17051120)
        437853.58   3709939.87       11.10833  (19012105)               437830.76
3709908.12        8.11765  (17012020)
        437951.76   3709915.40       14.72465  (21051319)               437962.88
3709951.43       15.24480  (20122918)
        437974.00   3709987.46       15.14819  (20122918)               437985.12
3710023.49       15.67040  (19012105)
        437996.24   3710059.52       15.84511  (19050119)               438007.36
3710095.55       16.46614  (17051120)
        438018.48   3710131.58       18.12064  (17051120)               438029.60
3710167.61       18.71483  (20051221)
        438040.72   3710203.64       18.42398  (19012024)               438051.84
3710239.67       18.12644  (20051119)
        438062.96   3710275.70       17.85133  (19121418)               437934.79
3709881.51       11.25087  (19012105)
        437911.97   3709849.76        9.88410  (19021020)               438033.03
3709857.27       13.44117  (21051319)
        438044.29   3709893.75       14.49841  (18021907)               438055.55
3709930.23       16.35631  (21040919)
        438066.81   3709966.71       17.29771  (19012118)               438078.07
3710003.19       17.36604  (19032719)
        438089.33   3710039.67       17.18888  (18041622)               438100.59
3710076.15       17.37461  (18041622)
        438111.85   3710112.63       16.91497  (19070606)               438123.11
3710149.11       16.30770  (17080201)
        438134.37   3710185.59       16.34955  (20051819)               438145.63
3710222.07       16.44820  (18012004)
        438156.88   3710258.55       15.72443  (20062006)               438015.99
3709823.15       11.93670  (19021722)
        437993.17   3709791.40       10.27721  (21022218)               438114.29
3709799.09       12.48849  (21051319)
        438125.67   3709835.94       13.36884  (21051319)               438137.04
3709872.79       13.97366  (19011217)
        438148.41   3709909.64       14.31300  (19011217)               438159.79
3709946.49       14.94572  (17012019)
        438171.16   3709983.34       15.39149  (21020718)               438182.53
3710020.19       15.67445  (18041622)
        438193.91   3710057.03       15.85267  (19012024)               438205.28
3710093.88       16.18954  (21121420)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438252.89	3709926.67	15.31785	(19050519)	438264.35	3709963.82	15.35152	(18030221)
438275.82	3710000.98	15.38270	(20051220)	438287.29	3710038.13	15.37886	(20051220)
438298.76	3710075.29	15.40298	(18042019)	438310.22	3710112.44	15.48299	(21121419)
438321.69	3710149.60	15.39336	(19030223)	438333.16	3710186.76	15.26991	(20051819)
438344.63	3710223.91	15.39125	(19051924)	438390.50			

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3710372.53       15.01459  (21062405)
        438178.40   3709706.43       11.03127  (21121617)                438155.58
3709674.68       10.72460  (17012024)
        438276.65   3709682.19       13.11288  (19012103)                438287.91
3709718.67       14.42606  (18092519)
        438299.17   3709755.15       14.33860  (17062621)                438310.43
3709791.63       14.09173  (18052520)
        438321.68   3709828.11       13.74485  (17070620)                438332.94
3709864.59       13.04444  (19072920)
        438344.20   3709901.07       12.35541  (21121917)                438355.46
3709937.55       11.85742  (17020718)
        438366.72   3709974.03       11.74447  (19070606)                438377.98
3710010.51       11.81909  (18011823)
        438389.24   3710046.99       11.78792  (18071401)                438400.50
3710083.47       12.03204  (20060219)
        438411.76   3710119.95       12.85812  (17071901)                438423.02
3710156.43       13.80709  (17021821)
        438434.28   3710192.91       14.29834  (19012023)                438445.54
3710229.39       14.46201  (18052002)
        438484.94   3710357.07       13.19551  (17021619)                438259.61
3709648.07       10.95434  (19012103)
        438236.79   3709616.32       10.79442  (20120417)                438357.90
3709623.97       12.40862  (18120123)
        438369.24   3709660.74       12.47659  (17091322)                438380.59
3709697.50       13.27935  (21012506)
        438391.94   3709734.26       13.83708  (21091820)                438403.28
3709771.03       13.90553  (18052520)
        438414.63   3709807.79       13.33433  (21110919)                438425.97
3709844.55       12.19063  (19072920)
        438437.32   3709881.31       11.51137  (21082720)                438448.67
3709918.08       10.62240  (17022722)
        438460.01   3709954.84       10.37873  (18042222)                438471.36
3709991.60       10.42317  (21111517)
        438482.71   3710028.37       10.69642  (18071401)                438494.05
3710065.13       10.82783  (17051719)
        438505.40   3710101.89       10.84437  (19041901)                438516.75
3710138.65       11.28495  (19012023)
        438528.09   3710175.42       12.30986  (17061922)                438539.44
3710212.18       13.15871  (21020919)
        438573.48   3710322.47       12.19917  (18122503)                438584.83
3710359.23       12.13945  (17021619)
        438340.81   3709589.72       12.41723  (21120517)                438317.99
3709557.96       12.01314  (21120417)
        438439.14   3709565.74       12.89799  (19021603)                438450.56
3709602.75       13.01969  (20042619)
        438461.98   3709639.76       13.15492  (18092519)                438473.41
3709676.76       13.18387  (18092519)
        438484.83   3709713.77       13.03837  (19093018)                438496.25
3709750.78       13.05379  (19012118)
        438507.67   3709787.79       12.95886  (17041621)                438519.10
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3709824.80   13.17187 (20032419)
        438530.52   3709861.81   13.18517 (19032719)   438541.94
3709898.82   12.84633 (19032719)
        438553.36   3709935.83   12.70557 (20051220)   438564.79
3709972.83   12.71774 (21110918)
        438576.21   3710009.84   12.51393 (18111017)   438587.63
3710046.85   11.50979 (19052701)
        438599.05   3710083.86   10.46317 (19041901)   438610.47
3710120.87   10.16590 (20051819)
        438621.90   3710157.88   10.44401 (18071902)   438633.32
3710194.89   11.26877 (17061922)
        438679.01   3710342.92   10.45562 (17012318)   438690.43
3710379.93   10.38310 (20102518)
        438422.02   3709531.36   12.95289 (21113017)   438399.20
3709499.60   13.01354 (20011217)
        438520.38   3709507.49   11.21949 (21100520)   438531.87
3709544.71   11.10995 (21070424)
        438543.35   3709581.94   11.61614 (18032619)   438554.84
3709619.16   12.03948 (20051820)
        438566.33   3709656.39   12.08330 (20012118)   438577.82
3709693.61   12.08662 (17071421)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                  INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
        438589.31   3709730.83       12.23084  (17070620)               438600.80
3709768.06       12.40221  (21013018)
        438612.29   3709805.28       12.59064  (20090920)               438623.78
3709842.51       12.62447  (19050119)
        438635.27   3709879.73       12.54045  (18112217)               438646.76
3709916.96       12.46454  (19052004)
        438658.24   3709954.18       12.00966  (18042222)               438669.73
3709991.41       11.63930  (21042420)
        438681.22   3710028.63       11.45384  (19052001)               438692.71
3710065.86       11.05784  (17071901)
        438704.20   3710103.08       10.34720  (17012303)               438715.69
3710140.30        9.70372  (18071902)
        438727.18   3710177.53        9.56464  (19020618)               438773.13
3710326.43       10.26888  (18122503)
        438784.62   3710363.65        9.79540  (18122503)               438503.22
3709473.00       11.56141  (17091421)
        438480.40   3709441.24       11.84990  (18101119)               437273.32
3710263.86       72.08197  (19040407)
        437239.83   3710241.54       83.26470  (17071906)               437317.80
3710233.42       49.10083  (19012118)
        437284.31   3710211.10       53.84159  (19040407)               437250.82
3710188.77       65.47055  (19040407)
        437358.40   3710204.24       39.89469  (21012506)               437328.79
3710180.66       39.89456  (20122918)
        437295.30   3710158.33       43.46162  (18020319)               437386.13
3710162.64       33.10263  (19012118)
        437356.52   3710139.05       32.36183  (20033118)               437323.03
3710116.73       34.36063  (21020318)
        437413.87   3710121.04       27.36903  (19012118)               437439.60
3710145.88       28.05057  (19012118)
        437384.25   3710097.45       26.96789  (18120717)               437350.76
3710075.13       28.24096  (18020319)
        437441.60   3710079.43       23.03238  (21120319)               437467.34
3710104.28       23.74845  (19021722)
        437411.99   3710055.85       22.99035  (19021118)               437378.50
3710033.52       23.51826  (19122116)
        437469.33   3710037.83       19.07851  (20033118)               437495.07
3710062.68       19.14051  (19012103)
        437520.81   3710087.53       19.50983  (21012507)               437439.72
3710014.24       19.35573  (18120717)
        437406.23   3709991.92       20.38453  (19012817)               437497.07
3709996.23       16.37831  (19021722)
        437522.81   3710021.07       16.07632  (21012519)               437548.54
3710045.92       16.44405  (18020117)
        437467.45   3709972.64       16.95396  (20121817)               437433.96
3709950.31       17.87187  (17020419)
        437526.41   3709956.18       14.04907  (21121718)               437555.36
3709984.13       13.96323  (21121718)
        437584.32   3710012.08       14.63023  (18021907)               437495.19
3709931.04       14.75555  (19012717)
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        437461.70   3709908.71       15.94302  (19012717)               437553.96
3709914.40       12.75232  (21121718)
        437582.56   3709942.01       12.67812  (20121817)               437611.16
3709969.62       12.95723  (18021918)
        437639.76   3709997.23       13.63033  (19012103)               437522.92
3709889.43       13.46787  (19012717)
        437489.43   3709867.11       14.20322  (19040118)               437609.17
3709830.94       10.64174  (18041718)
        437637.25   3709858.05       10.61958  (20121817)               437665.33
3709885.16        9.51589  (21121717)
        437693.40   3709912.26        9.14609  (21012518)               437721.48
3709939.37        9.77148  (18020117)
        437578.39   3709806.23       11.09054  (19040118)               437544.90
3709783.90       11.22098  (20020717)
        437664.46   3709747.56        8.92278  (18021919)               437692.18
3709774.32        8.65745  (19012717)
        437719.89   3709801.08        8.17960  (18040818)               437747.61
3709827.84        7.58194  (20090918)
        437775.33   3709854.60        7.45075  (21121717)               437803.05
3709881.36        7.15969  (21012519)
        437633.86   3709723.02        8.99576  (18021718)               437600.37
3709700.69        9.56058  (20020717)
        437719.79   3709664.23        7.43237  (18040818)               437747.25
3709690.73        7.49630  (19012717)
        437774.70   3709717.24        7.12774  (18040818)               437802.15
3709743.74        6.62246  (20090918)
        437829.61   3709770.24        6.17985  (21121717)               437857.06
3709796.75        7.21211  (19040118)
        437884.52   3709823.25        8.44988  (21012505)               437689.32
3709639.81        7.65861  (20020717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 731
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                 INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437655.83	3709617.49	8.22546	(20020717)	437776.01	3709581.74	6.31276	(19021723)
437804.97	3709609.70	6.32651	(19040118)	437833.92	3709637.65	6.20512	(18040818)
437862.88	3709665.61	5.66664	(17101217)	437891.83	3709693.56	6.54705	(18041718)
437920.79	3709721.51	7.39209	(19021722)	437949.74	3709749.47	8.98100	(21012505)
437744.79	3709556.61	6.63617	(20020717)	437711.30	3709534.28	6.86355	(18020117)
437831.30	3709498.36	5.26042	(20020717)	437859.90	3709525.97	5.23840	(18041718)
437888.50	3709553.58	5.46169	(18040818)	437917.09	3709581.19	5.52621	(20121817)
437945.69	3709608.80	6.25407	(21120318)	437974.29	3709636.41	7.75000	(20121517)
438002.88	3709664.02	8.97672	(21012520)	438031.48	3709691.63	9.94843	(17012020)
437800.26	3709473.40	5.70837	(20033118)	437766.77	3709451.07	5.68004	(18020117)
437886.62	3709415.02	4.61469	(18040818)	437914.94	3709442.35	4.45963	(20041518)
437943.25	3709469.69	4.80067	(18041718)	437971.56	3709497.02	5.07540	(21121717)
437999.87	3709524.35	5.79838	(21122604)	438028.18	3709551.68	8.58769	(21121117)
438056.49	3709579.02	8.86518	(19121117)	438084.80	3709606.35	9.84637	(21120417)
438113.12	3709633.68	10.59145	(21020218)	437855.72	3709390.19	4.94417	(20033118)
437822.23	3709367.87	4.69783	(20041418)	437941.97	3709331.70	4.02463	(18040818)
437970.05	3709358.81	4.20623	(19021723)	437998.13	3709385.91	4.29695	(19021723)
438026.21	3709413.02	4.41690	(21122604)	438054.28	3709440.13	7.64296	(21120418)
438082.36	3709467.23	8.45526	(19010417)	438110.44	3709494.34	8.27939	(21121817)
438138.52	3709521.45	9.25866	(21120317)	438166.59	3709548.55	9.95211	(21022618)
438194.67	3709575.66	10.33989	(19022318)	437911.19			

3709306.98   4.32292 (20033118)
        437877.70   3709284.66   4.04954 (18020117)   437997.34
3709248.40   3.53127 (20041518)
        438025.23   3709275.32   3.59729 (19021723)   438053.11
3709302.24   4.20020 (19102017)
        438080.99   3709329.15   6.22548 (18022701)   438108.87
3709356.07   8.00378 (21021918)
        438136.76   3709382.99   7.75587 (19010417)   438164.64
3709409.91   7.62003 (19010417)
        438192.52   3709436.83   8.50503 (21022318)   438220.40
3709463.75   9.11492 (21120317)
        438248.29   3709490.67   9.71744 (20121917)   438276.17
3709517.58   10.20630 (20021022)
        437966.66   3709223.78   3.81283 (20033118)   437933.17
3709201.45   3.60000 (21011417)
        438053.28   3709165.65   3.45589 (19021723)   438082.11
3709193.48   3.81220 (18021718)
        438110.94   3709221.31   5.43696 (20122517)   438139.76
3709249.14   7.50953 (20021319)
        438168.59   3709276.97   7.26684 (20120217)   438197.41
3709304.80   6.17469 (17011818)
        438226.24   3709332.63   6.57412 (19010417)   438255.07
3709360.46   7.95366 (21121117)
        438283.89   3709388.28   8.57774 (20120417)   438312.72
3709416.11   9.51361 (20121917)
        438341.55   3709443.94   12.30909 (21120417)   438370.37
3709471.77   13.02781 (19032720)
        438022.13   3709140.57   3.32297 (18020117)   437988.64
3709118.25   3.30329 (21011417)
        438108.64   3709082.33   3.15588 (19021723)   438137.23
3709109.94   3.87339 (20090918)
        438165.83   3709137.55   5.97204 (18012618)   438194.43
3709165.16   5.93109 (18121817)
        438223.03   3709192.77   4.91557 (18121817)   438251.62
3709220.37   4.75389 (18121817)
        438280.22   3709247.98   5.12239 (19010417)   438308.82
3709275.59   6.42909 (19010417)
        438337.42   3709303.20   7.99296 (19010417)   438366.01
3709330.81   11.74136 (21051321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                    INCLUDING SOURCE(S):   L0004229   , L0004230

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, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438394.61   3709358.42       12.70025  (20102422)               438423.21
3709386.03       12.27612  (19052621)
        438451.80   3709413.64       12.13007  (20041921)               438077.59
3709057.36        2.89461  (18020117)
        438044.10   3709035.04        3.04177  (21011417)               437216.54
3710215.91       95.43668  (17070706)
        437560.19   3710008.56       14.61448  (21012507)               437925.03
3709745.14        7.95991  (21020218)
        438006.11   3709686.60        9.18636  (20121917)               437280.77
3710233.20       59.53991  (19040407)
        437322.73   3710276.31       57.47529  (19040518)               437378.59
3710253.95       43.34040  (21012006)
        437430.98   3710247.96       38.37120  (19012024)               437616.20
3710338.58       23.77160  (19012101)
        437665.11   3710348.96       20.60330  (19021719)               437762.93
3710369.71       16.47572  (19051919)
        437860.76   3710390.47       15.61802  (20020818)               437867.70
3710357.73       15.82907  (19051919)
        437958.58   3710411.22       15.87575  (19051919)               437965.53
3710378.48       14.52554  (19012101)
        438056.40   3710431.98       11.42770  (19030918)               437265.29
3710160.30       54.89076  (20120708)
        437512.30   3710332.18       33.26654  (19012101)               437555.45
3710357.43       29.87032  (19012101)
        437567.36   3710337.09       27.64999  (19012101)               437617.94
3710448.63       26.23087  (18022318)
        437704.25   3710499.15       22.35127  (19051920)               437716.15
3710478.80       21.34217  (21042719)
        437814.36   3710508.97       18.49528  (21042719)               437826.27
3710488.63       17.96129  (19021521)
        437888.76   3710579.83       16.98180  (20030118)               437900.67
3710559.49       16.63003  (19051920)
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        437912.58   3710539.14       15.96511  (21042719)                437998.88
3710589.66       16.84797  (19122417)
        438073.28   3710660.51       14.24337  (20030118)                438085.18
3710640.17       14.58683  (20030118)
        437259.86   3710108.07       56.28542  (18020117)                437229.34
3710080.35       74.40535  (19040118)
        437209.69   3710067.85       75.80648  (19012717)                437190.05
3710055.35       72.46791  (17022717)
        437170.40   3710042.85       64.60678  (18090307)                437150.75
3710030.35       53.79611  (21020117)
        437286.71   3710065.89       40.74226  (21020617)                437308.46
3710096.32       36.17300  (19020617)
        437256.18   3710038.17       50.15028  (19012717)                437236.54
3710025.67       51.67137  (19122116)
        437216.89   3710013.17       47.24450  (17010316)                437197.24
3710000.67       44.34245  (19102017)
        437177.60   3709988.16       40.07919  (21020117)                437315.72
3710026.75       31.94068  (19102017)
        437358.13   3710166.40       35.09319  (20122918)                437283.03
3709995.99       35.82508  (19122116)
        437263.38   3709983.49       37.12598  (20020717)                437243.73
3709970.98       33.94130  (19101917)
        437224.09   3709958.48       32.63039  (18090307)                437204.44
3709945.98       30.81240  (17020317)
        437341.95   3709983.70       26.69531  (19012717)                437407.20
3710151.47       30.67759  (19012118)
        437400.97   3710193.77       34.83972  (19012118)                437309.87
3709953.81       27.29185  (20020717)
        437290.22   3709941.30       27.68839  (18120916)                437270.58
3709928.80       25.90057  (19012717)
        437250.93   3709916.30       25.17540  (17123120)                437231.29
3709903.80       23.69614  (21020117)
        437368.45   3709941.03       21.68919  (19040118)                437440.96
3710042.47       20.58739  (18120717)
        437336.71   3709911.62       22.78566  (20020717)                437317.07
3709899.12       21.95932  (20013118)
        437297.42   3709886.62       21.75961  (17010316)                437277.77
3709874.12       21.37903  (20020717)
        437258.13   3709861.61       19.73844  (20021019)                437396.26
3709900.20       18.50585  (17120117)
        437474.58   3710009.75       17.76351  (19021722)                437507.20
3710108.94       21.50755  (18021907)
        437497.39   3710175.55       29.96038  (18012018)                437363.56
3709869.44       18.80944  (18020117)
        437343.91   3709856.94       18.63688  (17021020)                437324.26
3709844.44       18.62150  (17021020)
        437304.62   3709831.93       18.15770  (19122705)                437284.97
3709819.43       18.02099  (18021921)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                   L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                   L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                   L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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3709883.20       12.45440  (19012717)
        437656.26   3710051.47       16.66218  (21012519)                437444.09
3709742.89       12.62174  (17021020)
        437424.44   3709730.39       12.77868  (17123117)                437404.80
3709717.89       12.65513  (19102017)
        437385.15   3709705.38       12.25899  (17021021)                437365.50
3709692.88       11.79574  (17010316)
        437503.38   3709731.11       11.13265  (18020117)                437528.97
3709766.91       11.49969  (20020717)
        437580.16   3709838.51       11.31762  (20033118)                437605.75
3709874.31       11.58411  (20121817)
        437631.35   3709910.11       11.47061  (21121717)                437656.94
3709945.91       11.09469  (21121718)
        437682.54   3709981.71       11.67750  (19101917)                437692.11
3710126.37       17.13285  (18012018)
        437679.29   3710213.44       18.08264  (18122505)                437470.93
3709700.71       10.94051  (18021418)
        437451.29   3709688.21       11.35074  (17123117)                437431.64
3709675.70       11.23595  (17123117)
        437411.99   3709663.20       10.77800  (17021021)                437392.35
3709650.70        9.32878  (20082918)
        437557.32   3709647.10        8.91526  (17020419)                437583.43
3709683.62        9.80561  (20020717)
        437635.64   3709756.65        9.32209  (18021919)                437661.74
3709793.17        9.34983  (19012717)
        437687.85   3709829.69        8.81690  (18040818)                437713.96
3709866.20        8.38860  (18040818)
        437740.06   3709902.72        9.12864  (21121717)                437766.17
3709939.24        9.01200  (18021907)
        437792.28   3709975.75        7.60445  (18041718)                437788.99
3710105.04       13.52137  (19012103)
        437782.45   3710149.45       13.35907  (21012519)                437775.92
3710193.86       13.20869  (21012006)
        437524.62   3709616.34        8.56855  (21011417)                437504.97
3709603.84        8.36912  (18021418)
        437485.33   3709591.34        8.41958  (20013118)                437465.68
3709578.84        8.50011  (18021418)
        437446.04   3709566.33        8.32389  (18021418)                437611.20
3709563.00        7.60083  (17020419)
        437624.44   3709581.52        7.69940  (17020419)                437637.68
3709600.05        7.88960  (18020117)
        437690.65   3709674.14        7.78581  (18021718)                437703.89
3709692.66        7.86548  (18021919)
        437717.13   3709711.18        7.99666  (18021919)                437730.38
3709729.71        7.83850  (19012717)
        437743.62   3709748.23        7.67303  (18040818)                437756.86
3709766.75        7.49242  (18040818)
        437770.10   3709785.28        7.26628  (20090918)                437783.35
3709803.80        6.71228  (17101217)
        437796.59   3709822.32        6.70337  (19012817)                437809.83
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437882.64	3710105.67	9.38840	(18012018)	437879.32	3710128.20	8.37232	(19021720)
437876.00	3710150.72	9.08917	(17012019)	437872.69	3710173.25	10.87285	(21012006)
437869.37	3710195.78	13.78131	(20110820)	437856.11	3710285.89	11.59452	(18122506)
437852.80	3710308.41	13.25229	(19012102)	437849.48	3710330.94	15.29583	(18020519)
437842.85	3710375.99	15.89736	(20030220)	437839.53	3710398.52	16.21342	(19051919)
437836.22	3710421.05	16.66177	(18022318)	437832.90	3710443.58	17.56658	(18021902)
437829.59	3710466.10	17.54826	(18093022)	437597.95	3709544.48	7.43132	(17123117)

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        437578.31   3709531.97        7.37449  (17021020)              437558.66
3709519.47        7.36707  (17123117)
        437539.01   3709506.97        7.13105  (17022120)              437519.37
3709494.47        7.01385  (18021418)
        437499.72   3709481.97        6.89856  (18021418)              437665.03
3709478.84        6.26675  (19012717)
        437678.42   3709497.56        6.44067  (17120117)              437691.80
3709516.29        6.44748  (17120117)
        437745.36   3709591.20        6.60142  (20033118)              437758.74
3709609.92        6.67639  (18040818)
        437772.13   3709628.65        6.74245  (19021723)              437785.52
3709647.38        6.83211  (19012717)
        437798.91   3709666.10        6.69889  (18040818)              437812.30
3709684.83        6.56428  (18040818)
        437825.68   3709703.56        6.29522  (20090918)              437839.07
3709722.28        6.11001  (21121717)
        437852.46   3709741.01        7.09291  (18021918)              437865.85
3709759.74        7.03605  (19040118)
        437879.24   3709778.46        7.57286  (21120317)              437892.62
3709797.19        8.18811  (21012519)
        437906.01   3709815.92        9.02043  (18021918)              437959.56
3709890.82       13.56649  (21051319)
        437986.34   3709928.27       15.34798  (19012105)              437996.37
3709969.78       15.60114  (19012105)
        437979.62   3710083.65       15.79169  (20110821)              437976.26
3710106.42       16.52863  (17051120)
        437972.91   3710129.20       17.14167  (21120817)              437969.56
3710151.97       17.52738  (19021720)
        437966.21   3710174.75       17.74951  (19030223)              437962.86
3710197.52       17.80090  (19030223)
        437952.80   3710265.85       17.81647  (18122503)              437949.45
3710288.62       14.43365  (17012018)
        437946.10   3710311.40       11.76239  (18012017)              437942.74
3710334.17       12.46436  (19051919)
        437939.39   3710356.94       14.76313  (21121417)              437936.04
3710379.72       15.69127  (20030220)
        437932.69   3710402.49       16.15936  (20020818)              437929.34
3710425.27       16.15384  (19051919)
        437925.98   3710448.04       16.03807  (18123121)              437922.63
3710470.82       15.86026  (18050919)
        437919.28   3710493.59       15.58829  (19021718)              437915.93
3710516.37       15.72967  (21042719)
        437651.64   3709460.11        6.12282  (17123117)              437631.99
3709447.61        6.15496  (17021020)
        437612.35   3709435.11        6.13905  (18021418)              437592.70
3709422.60        6.08756  (20013118)
        437573.06   3709410.10        5.94263  (18120916)              437553.41
3709397.60        5.83659  (17010316)
        437718.83   3709394.63        5.08997  (20082918)              437732.33
3709413.52        5.10601  (21011417)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438083.42	3709904.61	15.32234	(19011217)	438093.54	3709946.47	16.81757	(20122918)
438090.16	3709969.44	17.03594	(21110618)	438076.64	3710061.32	17.51807	(18022419)
438073.26	3710084.29	17.69169	(20051220)	438069.88			

3710107.26 17.73855 (18042019)
438066.50 3710130.24 17.75200 (20051221) 438063.12
3710153.21 17.55690 (17032620)
438059.74 3710176.18 17.61670 (17051719) 438042.83
3710291.03 19.13923 (17032224)
438039.45 3710314.00 19.75181 (18122506) 438036.07
3710336.97 18.20839 (19022103)
438032.69 3710359.95 13.97427 (19051919) 438029.31
3710382.92 9.61025 (19051919)
438025.93 3710405.89 12.03143 (19030918) 438022.55
3710428.86 13.91629 (19051919)
438019.17 3710451.83 15.14692 (18122507) 438015.78
3710474.80 15.76926 (18021902)
438012.40 3710497.77 16.28195 (18093022) 438009.02
3710520.74 16.54108 (20052619)
438005.64 3710543.71 17.00122 (18093022) 438002.26
3710566.68 16.96440 (17022318)
437705.33 3709375.74 4.91948 (19012717) 437685.68
3709363.24 4.77733 (17040418)
437666.04 3709350.74 4.81437 (18021418) 437646.39
3709338.24 4.95964 (19101817)
437626.74 3709325.74 5.08029 (20082918) 437607.10
3709313.23 5.06061 (18021418)
437772.20 3709309.82 4.40917 (20082918) 437785.39
3709328.26 4.50903 (21011417)
437798.57 3709346.71 4.48192 (21011417) 437851.31
3709420.48 4.96632 (20033118)
437864.50 3709438.92 4.81345 (18040818) 437877.68
3709457.36 4.68934 (20041518)
437890.87 3709475.81 4.70201 (18041718) 437904.05
3709494.25 4.92243 (18041718)
437917.24 3709512.69 5.05820 (19012717) 437930.42
3709531.14 5.05983 (19102017)
437943.61 3709549.58 5.49506 (18041718) 437956.79
3709568.02 5.91550 (21122604)
437969.98 3709586.46 6.68921 (21120318) 437983.16
3709604.91 7.68389 (20121517)
437996.35 3709623.35 8.38578 (19121117) 438009.53
3709641.79 8.81299 (21012520)
438154.57 3709844.66 13.52363 (20122918) 438167.75
3709863.11 13.65655 (19011217)
438180.94 3709881.55 13.77118 (19011217) 438190.82
3709922.42 14.56745 (20032523)
438171.02 3710057.00 16.09663 (19012024) 438167.71
3710079.43 16.55383 (21121420)
438161.11 3710124.29 17.03873 (21121420) 438157.81
3710146.72 16.82969 (19030223)
438154.51 3710169.15 16.73309 (17092423) 438138.00
3710281.29 15.93707 (20083106)
438134.70 3710303.72 16.45826 (17052621) 438131.40

3710326.15   17.20623 (17012021)
        438124.80   3710371.01   18.98601 (20030220)   438121.50
3710393.44   18.81781 (18050919)
        438111.59   3710460.73   15.18370 (19051919)   438108.29
3710483.16   13.40613 (18123121)
        438101.69   3710528.02   11.74494 (21030818)   438098.39
3710550.45   12.19934 (18093022)
        438095.09   3710572.88   12.96658 (21042719)   438088.49
3710617.74   14.60031 (19051920)
        437759.02   3709291.38   4.20038 (19012717)   437739.37
3709278.88   4.18992 (17120117)
        437719.72   3709266.37   4.21005 (18021418)   437700.08
3709253.87   4.27932 (18021418)
        437680.43   3709241.37   4.32419 (18021418)   437660.79
3709228.87   4.34370 (20013118)
        437826.00   3709225.61   3.85477 (20082918)   437839.29
3709244.21   3.94701 (19101917)
        437852.59   3709262.80   4.12850 (21011417)   437905.77
3709337.19   4.34329 (20033118)
        437919.06   3709355.78   4.23105 (17012023)   437932.36
3709374.38   4.38201 (17012023)
        437945.65   3709392.98   4.46189 (18040818)   437958.95
3709411.57   4.54294 (18040818)
        437972.24   3709430.17   4.59299 (18021919)   437985.54
3709448.77   4.65861 (18041718)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                 L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                 L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                 L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437998.83	3709467.36	4.82348	(21121717)	438012.13	3709485.96	5.58584	(21022318)
438025.42	3709504.56	7.44645	(21120319)	438038.72	3709523.15	8.34298	(19010417)
438052.01	3709541.75	8.64317	(19010417)	438131.78	3709653.33	10.67541	(21020218)
438238.14	3709802.10	15.14874	(17091322)	438251.44	3709820.70	15.16315	(19012118)
438264.73	3709839.29	15.09464	(20032919)	438278.03	3709857.89	15.02999	(17041621)
438287.99	3709899.10	14.77088	(17020718)	438284.66	3709921.72	14.80049	(17070620)
438281.34	3709944.34	15.11566	(18122505)	438264.69	3710057.42	15.38712	(19030223)
438261.36	3710080.04	15.58360	(20051221)	438258.04	3710102.65	15.79242	(21121420)
438254.71	3710125.27	15.98677	(20051221)	438251.38	3710147.88	15.97879	(20051221)
438234.73	3710260.97	16.70606	(18033019)	438231.41	3710283.58	16.51517	(17021619)
438228.08	3710306.20	15.88757	(17012318)	438224.75	3710328.82	15.09417	(21031421)
438221.42	3710351.43	14.50795	(21072522)	438218.09	3710374.05	14.33142	(21031421)
438201.45	3710487.13	17.93485	(18022118)	438198.12	3710509.75	18.53537	(18022118)
438194.79	3710532.37	18.90143	(20020818)	438191.46	3710554.98	19.20981	(18021902)
438188.13	3710577.60	19.09197	(18090719)	438184.80	3710600.21	19.03550	(17022318)
438181.48	3710622.83	18.00832	(18082421)	438178.15	3710645.45	18.22295	(19080420)
437812.70	3709207.01	3.78309	(17120117)	437793.06	3709194.51	3.79335	(17120117)
437773.41	3709182.01	3.79109	(17120117)	437753.77	3709169.51	3.83353	(18021418)
437734.12	3709157.00	3.83491	(19101817)	437714.47	3709144.50	3.88108	(20013118)
437879.78	3709141.37	3.38883	(20082918)	437893.17	3709160.10	3.41220	(17120117)
437906.55	3709178.83	3.67917	(21011417)	437946.72	3709235.01	3.84263	(20041418)
437960.11	3709253.73	3.83498	(20033118)	437973.49	3709272.46	3.66683	(20041518)
437986.88	3709291.19	3.70794	(20041518)	438000.27	3709309.91	3.72575	(20041518)

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        438013.66   3709328.64        3.89737  (19021723)               438027.05
3709347.36        4.05964  (18040818)
        438040.43   3709366.09        4.47029  (21122604)               438053.82
3709384.82        5.83005  (17011818)
        438067.21   3709403.54        7.17739  (19022718)               438080.60
3709422.27        8.21235  (18120717)
        438093.99   3709441.00        8.30235  (18021207)               438107.37
3709459.72        8.15380  (19010417)
        438134.15   3709497.18        8.51154  (20120417)               438214.48
3709609.54       10.80759  (17012024)
        438321.58   3709759.35       14.08827  (18092519)               438334.97
3709778.08       13.86107  (18052520)
        438348.36   3709796.80       13.61718  (17062621)               438361.74
3709815.53       13.05529  (18092224)
        438375.13   3709834.26       12.59251  (18092224)               438385.17
3709875.76       11.36560  (21082720)
        438381.82   3709898.53       11.10409  (21082720)               438378.46
3709921.31       11.04936  (20060219)
        438361.70   3710035.18       12.81966  (17062002)               438358.35
3710057.95       13.22813  (19091520)
        438355.00   3710080.73       13.66148  (18022304)               438351.65
3710103.50       14.20978  (18011823)
        438348.30   3710126.28       14.76285  (17051719)               438344.94
3710149.05       15.05313  (18031507)
        438328.18   3710262.93       15.83410  (18031507)               438324.83
3710285.70       15.96757  (18033019)
        438321.48   3710308.47       16.11430  (18122504)               438318.13
3710331.25       16.23628  (18122507)
        438314.78   3710354.02       16.46913  (20072119)               438311.43
3710376.80       16.61493  (17032224)
        438294.67   3710490.67       15.30146  (19011720)               438291.31
3710513.45       15.01113  (19071920)
        438287.96   3710536.22       14.64109  (21010117)               438284.61
3710559.00       14.43774  (18082321)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 737
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
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L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	14.34174	(17070621)	438277.91	3710604.55	14.14936	(17052903)
438274.55	3710627.32	14.15435	(19080420)	437866.39	3709122.65	3.42474	(17120117)
437846.74	3709110.14	3.42345	(17021020)	437827.10	3709097.64	3.44842	(17120117)
437807.45	3709085.14	3.45861	(18021418)	437787.81	3709072.64	3.42950	(20013118)
437768.16	3709060.14	3.46490	(19101817)	437933.55	3709057.12	3.05423	(17020419)
437947.01	3709075.96	3.10824	(17120117)	437960.48	3709094.79	3.19901	(19101917)
438000.88	3709151.31	3.41633	(17040418)	438014.35	3709170.15	3.45418	(17012023)
438027.82	3709188.98	3.47485	(17012023)	438041.29	3709207.82	3.45798	(19021723)
438054.75	3709226.66	3.64454	(17012023)	438068.22	3709245.50	3.98819	(17012023)
438081.69	3709264.34	4.39773	(18022701)	438095.16	3709283.17	6.00512	(21120518)
438108.62	3709302.01	7.18638	(18021207)	438122.09	3709320.85	7.78073	(20120217)
438135.56	3709339.69	7.88155	(19020718)	438149.03	3709358.53	7.54854	(18120717)
438162.50	3709377.36	7.32086	(18021207)	438283.70	3709546.91	10.95774	(21120317)
438310.64	3709584.58	11.74396	(18120201)	438418.38	3709735.29	13.24368	(21120217)
438431.85	3709754.12	13.28144	(19093018)	438445.32	3709772.96	13.54942	(20032523)
438458.78	3709791.80	13.53264	(17070620)	438472.25	3709810.64	13.43475	(21061019)
438482.35	3709852.39	12.72573	(21082720)	438478.97	3709875.30	11.97787	(20051120)
438475.60	3709898.21	11.29961	(18051520)	438472.23	3709921.12	10.90010	(17031321)
438458.74	3710012.76	10.46284	(19091520)	438455.37			

3710035.67   10.59754 (19101218)
        438452.00   3710058.58   10.70552 (19101218)   438448.63
3710081.49   10.91860 (17080201)
        438445.26   3710104.40   11.43414 (19041901)   438441.88
3710127.31   12.35604 (17012303)
        438425.02   3710241.86   14.67506 (19121418)   438421.65
3710264.77   14.78966 (19051924)
        438418.28   3710287.68   14.70898 (17012021)   438414.91
3710310.59   14.38170 (17021822)
        438411.54   3710333.50   14.24757 (17012021)   438408.16
3710356.41   14.18005 (21072522)
        438387.93   3710493.87   15.78921 (19041719)   438384.56
3710516.78   16.00003 (19012101)
        438381.19   3710539.69   16.21624 (18100919)   438377.82
3710562.60   16.17525 (20040803)
        438374.45   3710585.51   16.00099 (20032619)   438371.07
3710608.42   15.67212 (20052320)
        437920.08   3709038.28   3.03776 (20082918)   437900.43
3709025.78   3.08341 (17021020)
        437880.79   3709013.28   3.12310 (20082918)   437861.14
3709000.77   3.13257 (18021418)
        437841.49   3708988.27   3.11149 (17123117)   437821.85
3708975.77   3.10687 (17120117)
        437987.30   3708972.85   2.90950 (17040418)   438000.84
3708991.78   3.25460 (18010517)
        438014.38   3709010.72   3.23052 (18010517)   438054.99
3709067.52   2.98692 (21011417)
        438068.52   3709086.46   3.07365 (18020117)   438082.06
3709105.39   3.25121 (18020117)
        438095.60   3709124.33   3.44272 (18021919)   438109.13
3709143.26   3.68842 (18021919)
        438122.67   3709162.19   3.85624 (20121817)   438136.21
3709181.13   4.24365 (18022701)
        438149.74   3709200.06   5.90537 (20021319)   438163.28
3709219.00   7.01828 (18022518)
        438176.82   3709237.93   7.21982 (18022518)   438190.35
3709256.87   6.55269 (21122220)
        438203.89   3709275.80   5.84328 (18120717)   438366.33
3709503.02   13.13015 (20011217)
        438379.87   3709521.95   13.07440 (20021022)   438393.40
3709540.89   13.04127 (21120419)
        438406.94   3709559.82   13.17241 (18120217)   438420.48
3709578.76   13.03432 (19021603)
 *** AERMOD - VERSION 24142 ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass BESS\Compass\Compass.isc   ***   11/21/25
 *** AERMET - VERSION 22112 ***   ***
                       ***   07:59:17

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***

INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438501.70	3709692.36	13.07793	(18092519)	438515.23	3709711.30	13.08581	(20032919)
438528.77	3709730.23	13.03391	(20090920)	438542.31	3709749.17	12.90206	(20032919)
438555.84	3709768.10	12.80156	(19021619)	438569.38	3709787.04	12.68767	(21120817)
438579.53	3709829.00	12.72324	(21110618)	438576.14	3709852.03	12.88500	(18030221)
438572.75	3709875.06	13.01626	(19050119)	438569.36	3709898.08	12.94097	(20051220)
438552.41	3710013.22	12.18656	(21042420)	438549.02	3710036.25	11.93494	(19052001)
438545.64	3710059.28	11.50090	(17011819)	438542.25	3710082.30	11.00327	(19041901)
438538.86	3710105.33	10.76951	(19041901)	438518.52	3710243.50	13.72383	(17021822)
438515.13	3710266.53	13.72292	(18052002)	438511.74	3710289.55	13.83483	(21090924)
438508.35	3710312.58	13.84089	(17021822)	438504.97	3710335.61	13.68390	(17041901)
438498.19	3710381.66	12.68774	(17082401)	438481.24	3710496.80	11.75379	(18020519)
438477.85	3710519.83	12.15285	(21100424)	438474.46	3710542.86	12.65679	(19071920)
438471.07	3710565.89	13.16829	(19071920)	437973.77	3708953.91	2.79187	(17020419)
437954.12	3708941.41	2.78118	(17123117)	437934.47	3708928.91	2.80940	(17123117)

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        437914.83   3708916.41        2.83771  (18021418)              437895.18
3708903.91        2.83661  (17123117)
        437875.54   3708891.40        2.84456  (17120117)              438040.77
3708888.18        2.64247  (18011217)
        438054.09   3708906.81        2.88466  (18010517)              438067.41
3708925.44        3.04728  (18010517)
        438080.73   3708944.07        3.13318  (20033118)              438094.05
3708962.70        3.13160  (17120117)
        438107.37   3708981.33        2.91655  (19012717)              438120.69
3708999.96        2.81412  (20033118)
        438134.01   3709018.60        2.86995  (18021718)              438147.33
3709037.23        3.11349  (21020219)
        438160.65   3709055.86        4.25443  (19021118)              438173.97
3709074.49        5.63080  (20122517)
        438187.29   3709093.12        6.83362  (17012104)              438200.61
3709111.75        7.15113  (19122617)
        438213.93   3709130.38        6.94504  (19021118)              438227.25
3709149.01        6.08562  (17022723)
        438240.57   3709167.64        5.16864  (19020718)              438253.89
3709186.27        4.88624  (17011818)
        438280.53   3709223.54        4.94753  (18121817)              438400.40
3709391.22       12.61466  (19040521)
        438413.72   3709409.85       12.43270  (19040521)              438427.04
3709428.48       12.39555  (18031320)
        438440.36   3709447.11       12.32767  (20041921)              438453.68
3709465.74       12.28994  (19032720)
        438467.00   3709484.37       12.26208  (18051523)              438480.32
3709503.00       12.06570  (18040819)
        438493.64   3709521.63       11.82160  (17041222)              438506.96
3709540.26       11.70881  (21091724)
        438573.56   3709633.42       11.95590  (21082419)              438600.20
3709670.68       11.88256  (17072624)
        438613.52   3709689.31       11.85602  (21041921)              438626.84
3709707.94       11.85939  (19032918)
        438640.16   3709726.57       11.85474  (19040520)              438653.48
3709745.21       11.78529  (17071421)
        438666.80   3709763.84       11.82842  (17022020)              438676.78
3709805.13       11.93004  (21100819)
        438673.45   3709827.78       12.10417  (21100819)              438670.11
3709850.44       12.33196  (19050119)
        438666.78   3709873.10       12.36045  (19050519)              438663.44
3709895.76       12.38098  (21120817)
        438646.77   3710009.05       12.15436  (18111017)              438643.43
3710031.71       11.79735  (18022304)
        438640.10   3710054.37       11.21526  (18071401)              438636.76
3710077.03       10.63791  (20122117)
        438633.43   3710099.69       10.22904  (17012303)              438616.75
3710212.98       12.07660  (19040220)
        438613.42   3710235.64       12.58627  (21021818)              438610.08
3710258.29       12.49858  (19121517)
```

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	11.48322	(17040420)	438590.07	3710394.25	12.29646	(17082401)
438576.73	3710484.88	11.11239	(18052001)	438573.40	3710507.54	10.98464	(21092420)
438570.06	3710530.20	11.03017	(18061320)	438566.73	3710552.85	11.08179	(18060621)
438027.45	3708869.55	2.53830	(17040418)	438007.81	3708857.05	2.54945	(17123117)
437988.16	3708844.54	2.57686	(17123117)	437968.52	3708832.04	2.59657	(17123117)
437948.87	3708819.54	2.60798	(17123117)	437929.22	3708807.04	2.61072	(17123117)
437106.84	3710028.10	61.58945	(18012717)	437074.68	3710047.98	82.93677	(20122921)
437056.82	3710062.36	92.94142	(18010719)	437038.96	3710076.75	97.57059	(21011221)
437080.24	3709987.33	59.80630	(21122019)	437138.10	3709977.84	38.91603	(18122821)
437043.32	3710009.03	78.03046	(18011621)	437025.46			

3710023.42 83.97885 (20120521)
437007.60 3710037.81 83.53608 (20122018) 437046.97
3709949.12 62.63788 (18010604)
437081.27 3709935.94 52.52002 (18011523) 437133.34
3709927.41 35.37522 (21021802)
437168.89 3709936.69 28.98089 (17021304) 437011.96
3709970.09 73.76606 (21123024)
436994.10 3709984.48 75.64652 (18011524) 436976.23
3709998.87 71.96151 (20120619)
437017.52 3709909.44 59.51318 (18121519) 437055.62
3709894.80 54.04330 (17122719)
437093.73 3709880.16 43.75051 (18011523) 437132.54
3709878.00 34.16136 (17021018)
437172.04 3709888.32 23.20979 (19041718) 436980.60
3709931.15 66.43336 (20121920)
436962.73 3709945.54 66.68758 (17122219) 436944.87
3709959.93 59.68374 (18010802)
436987.51 3709869.98 54.14405 (21120124) 437028.35
3709854.29 52.10651 (21121021)
437069.18 3709838.60 41.96300 (18011523) 437131.17
3709828.45 27.58286 (17120717)
437173.49 3709839.50 20.48587 (20020421) 437215.81
3709850.56 17.98008 (18090307)
436949.24 3709892.21 58.69678 (21010524) 436931.37
3709906.60 59.98642 (18020219)
436913.51 3709920.98 54.56324 (20050705) 436954.79
3709831.56 54.79876 (21121204)
436992.90 3709816.92 57.58720 (18121620) 437031.01
3709802.28 56.59633 (21022619)
437069.12 3709787.64 49.01147 (20020720) 437126.98
3709778.15 25.80145 (17021018)
437166.48 3709788.47 16.81164 (18012901) 437205.97
3709798.79 15.03305 (18012901)
437245.47 3709809.11 15.33595 (18122821) 436917.87
3709853.27 54.05619 (18022523)
436900.01 3709867.66 53.17703 (20120619) 436882.15
3709882.04 50.96145 (21010704)
436924.38 3709792.25 50.59264 (21010405) 436964.40
3709776.88 49.32414 (20012606)
437004.41 3709761.51 49.88589 (21120405) 437044.42
3709746.13 51.44742 (17090404)
437084.44 3709730.76 50.89783 (20020720) 437125.18
3709728.49 47.76360 (20122924)
437166.66 3709739.32 16.42071 (20020421) 437208.13
3709750.16 13.46346 (18012901)
437249.61 3709761.00 14.75766 (18021921) 436886.51
3709814.33 49.11562 (21021823)
436868.65 3709828.72 46.36394 (18010220) 436850.78
3709843.10 44.07941 (21122608)
436893.80 3709753.01 43.90669 (21121121) 436935.37

3709737.04   44.08741 (21122203)
        436976.95   3709721.07   44.65578 (21022619)   437018.52
3709705.10   44.80508 (18010521)
        437060.09   3709689.12   43.49050 (19012519)   437123.21
3709678.78   43.94257 (21112718)
        437166.30   3709690.04   40.69277 (17020821)   437209.39
3709701.29   12.18702 (19123021)
        437252.48   3709712.55   12.21612 (17021304)   437295.57
3709723.81   13.51074 (18120916)
        436855.15   3709775.39   40.72969 (18011220)   436837.29
3709789.77   38.85949 (19101521)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436819.42   3709804.16   38.19206 (21122608)   436861.44
3709714.46   38.92176 (17012519)
        436901.01   3709699.25   40.34458 (20121319)   436940.59
3709684.05   41.25695 (17011606)
        436980.16   3709668.84   41.95635 (21120405)   437019.74
3709653.64   41.53645 (21122120)
        437059.31   3709638.43   40.13154 (20020720)   437119.39
3709628.58   39.00851 (21112718)
        437160.41   3709639.30   41.59914 (18091322)   437201.43
3709650.02   32.07729 (18011719)

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        437242.45   3709660.73       10.86354  (19123020)                437283.47
3709671.45       10.25335  (17123120)
        437324.49   3709682.17       11.18859  (17010316)                436823.79
3709736.45       36.96882  (20022019)
        436805.92   3709750.83       35.86787  (21011606)                436788.06
3709765.22       35.26999  (21010701)
        436830.70   3709675.27       35.80656  (17012107)                436871.53
3709659.59       37.30160  (20100119)
        436912.37   3709643.90       38.44367  (17122319)                436953.20
3709628.21       40.37611  (21120405)
        436994.03   3709612.52       40.26419  (20091806)                437034.86
3709596.84       38.42673  (19090301)
        437075.69   3709581.15       36.52775  (17122102)                437117.26
3709578.83       36.07291  (21013119)
        437159.59   3709589.89       37.66673  (20050221)                437201.91
3709600.95       35.23989  (21020202)
        437244.23   3709612.00       14.06309  (17121623)                437286.55
3709623.06        9.07919  (17123120)
        437328.87   3709634.11        8.97449  (18090307)                436792.42
3709697.51       33.97192  (19011821)
        436774.56   3709711.89       33.30112  (21010704)                436756.70
3709726.28       32.90318  (21010701)
        436767.74   3709597.48       32.91545  (19101520)                436808.09
3709581.98       33.81656  (21092202)
        436848.44   3709566.48       34.96465  (19120706)                436888.79
3709550.97       35.66879  (21020421)
        436929.14   3709535.47       36.26527  (20021420)                436969.49
3709519.97       36.07831  (17021420)
        437009.84   3709504.47       34.63829  (17051203)                437050.19
3709488.96       32.82182  (20122924)
        437111.45   3709478.92       32.07721  (21112718)                437153.28
3709489.85       33.21591  (20050221)
        437195.10   3709500.77       33.66598  (20010218)                437236.92
3709511.70       19.42241  (17011719)
        437278.74   3709522.63        7.88520  (18021922)                437320.57
3709533.55        7.41492  (18110708)
        437362.39   3709544.48        7.33202  (18020318)                437404.21
3709555.41        7.60230  (18021922)
        436729.70   3709619.62       30.90276  (18010705)                436711.84
3709634.01       30.37200  (19040720)
        436693.97   3709648.40       29.44659  (21122608)                436705.90
3709519.26       29.06216  (20050705)
        436726.96   3709511.17       29.77865  (21111320)                436748.02
3709503.08       30.12667  (20011020)
        436769.08   3709494.99       30.48534  (21123024)                436790.14
3709486.90       31.06874  (17010320)
        436811.20   3709478.80       31.36197  (17122620)                436832.26
3709470.71       31.45698  (20012606)
        436853.32   3709462.62       31.80023  (21041805)                436874.38
3709454.53       32.26831  (21020205)
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        436895.44   3709446.44       32.42657  (21022619)                436916.50
3709438.35       32.37583  (21120405)
        436937.56   3709430.25       32.22451  (20022420)                436958.62
3709422.16       31.98398  (19110519)
        436979.68   3709414.07       31.69944  (19110418)                437000.74
3709405.98       31.15521  (17110322)
        437021.80   3709397.89       30.48823  (21090421)                437042.86
3709389.80       29.50604  (18121017)
        437063.92   3709381.70       28.47021  (20121619)                437106.81
3709379.32       28.51122  (20091720)
        437128.64   3709385.02       29.66859  (17122318)                437150.47
3709390.72       30.45036  (18100124)
        437172.30   3709396.42       30.81413  (20123006)                437194.12
3709402.13       29.82516  (19120707)
        437237.78   3709413.53       13.69331  (19013119)                437259.61
3709419.24        7.06145  (18110708)
        437281.44   3709424.94        6.57845  (18021922)                437303.27
3709430.64        6.58314  (18020318)
        437346.92   3709442.05        6.40423  (18010217)                437368.75
3709447.75        6.45555  (19122705)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 741
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        437390.58   3709453.45        6.61199  (19122705)                437412.41
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3709459.16 6.68987 (18021921)
  437434.24 3709464.86 6.62815 (17121417) 437456.07
3709470.56 6.70420 (18021418)
  437477.89 3709476.26 6.83123 (18021418) 436684.84
3709527.35 28.02790 (18022523)
  436666.98 3709541.74 27.29143 (21012805) 436649.11
3709556.13 26.96487 (18122222)
  436631.25 3709570.51 26.56339 (21122608) 436642.90
3709441.49 25.67335 (21111407)
  436684.47 3709425.51 26.98340 (21092205) 436726.05
3709409.54 27.41259 (21121121)
  436767.62 3709393.57 28.02756 (21112821) 436809.19
3709377.59 28.29640 (20013007)
  436850.77 3709361.62 28.92520 (21010507) 436892.34
3709345.65 29.00980 (21112202)
  436933.91 3709329.67 28.60490 (20091806) 436975.49
3709313.70 28.01152 (18121017)
  437017.06 3709297.73 26.34669 (17102518) 437058.63
3709281.75 25.53327 (18120703)
  437100.97 3709279.40 25.41797 (19090402) 437144.06
3709290.65 25.57398 (17091003)
  437187.15 3709301.91 27.53594 (20012501) 437230.24
3709313.17 22.36337 (17011223)
  437273.33 3709324.43 6.30583 (19123020) 437316.42
3709335.68 5.69812 (18020318)
  437359.51 3709346.94 5.54655 (18010217) 437402.60
3709358.20 5.53140 (17121417)
  437445.69 3709369.46 5.62953 (20013118) 437488.78
3709380.71 5.62401 (18102017)
  436604.25 3709463.86 24.76329 (21121703) 436586.39
3709478.24 24.49736 (17012805)
  436568.52 3709492.63 24.20584 (21022522) 436579.97
3709363.68 22.96396 (19121519)
  436621.13 3709347.87 24.15913 (19011103) 436662.28
3709332.06 24.60298 (21121522)
  436703.44 3709316.24 25.05332 (18090706) 436744.60
3709300.43 25.32097 (17022123)
  436785.76 3709284.62 25.68549 (21020620) 436826.91
3709268.80 26.03341 (18010619)
  436868.07 3709252.99 26.03890 (21112202) 436909.23
3709237.18 25.46940 (17020808)
  436950.39 3709221.36 24.13318 (18091024) 436991.54
3709205.55 25.50789 (19120619)
  437032.70 3709189.74 26.76913 (17122102) 437095.19
3709179.50 26.33074 (19090402)
  437137.85 3709190.64 25.78945 (18091721) 437180.51
3709201.79 25.30612 (19121918)
  437223.17 3709212.93 23.15363 (17011223) 437265.83
3709224.08 10.50238 (20010518)
  437308.48 3709235.22 5.29307 (18020318) 437351.14

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                  INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                  L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                  L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                  L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436941.27	3709122.88	22.48576	(17031303)	436962.44	3709114.75	21.90513	(20121919)
436983.61	3709106.62	22.46536	(17122102)	437004.78	3709098.48	23.63965	(18121819)
437025.96	3709090.35	24.30086	(18120703)	437047.13	3709082.21	24.08298	(21112203)
437090.24	3709079.81	23.52488	(18121518)	437112.19	3709085.54	22.42046	(21093020)
437134.13	3709091.28	21.04941	(17021023)	437156.07	3709097.01	19.88577	(17020821)
437178.02	3709102.74	18.58344	(18121317)	437199.96	3709108.48	17.05707	(19021120)
437221.91	3709114.21	15.03467	(19021120)	437243.85	3709119.94	12.79242	(19021703)
437265.79	3709125.67	10.54268	(18121619)	437287.74	3709131.41	8.59005	(20021903)
437309.68	3709137.14	6.56784	(17121623)	437331.63	3709142.87	5.16610	(17121623)
437353.57	3709148.61	4.41832	(17123120)	437375.51	3709154.34	4.31154	(18010217)
437397.46	3709160.07	4.26629	(18010217)	437419.40	3709165.81	4.19287	(21121721)
437441.35	3709171.54	4.27050	(17121417)	437463.29	3709177.27	4.33558	(19123021)
437485.23	3709183.00	4.32116	(19122705)	437507.18	3709188.74	4.31055	(19122705)
437529.12	3709194.47	4.26396	(18120916)	437551.07	3709200.20	4.29280	(18021922)
437573.01	3709205.94	4.31001	(17010316)	437594.95	3709211.67	4.34299	(19101817)
437616.90	3709217.40	4.39551	(20033118)	437638.84	3709223.14	4.39685	(18120916)
436496.67	3709293.71	20.33090	(21010702)	436478.80	3709308.09	20.32661	(17012805)
436460.94	3709322.48	19.93801	(21011606)	436443.08	3709336.87	19.72516	(21020503)
436454.90	3709207.77	18.69382	(20120520)	436496.82	3709191.67	19.28986	(21111407)
436517.78	3709183.61	19.70780	(20050705)	436559.70	3709167.51	20.11022	(21011503)
436601.62	3709151.40	20.20118	(21011503)	436622.58	3709143.35	20.43758	(21121521)

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        436664.50   3709127.24       20.67817  (17022123)               436706.42
3709111.13       20.80868  (17040603)
        436727.38   3709103.08       20.91885  (21020620)               436769.30
3709086.98       21.10936  (18010619)
        436811.22   3709070.87       21.23576  (17121318)               436853.14
3709054.76       20.87556  (17051204)
        436895.06   3709038.66       20.41584  (19110418)               436916.02
3709030.60       20.16942  (18010521)
        436957.94   3709014.50       20.15201  (19012519)               436999.86
3708998.39       19.60108  (19012519)
        437020.82   3708990.34       19.37961  (18092704)               437084.46
3708979.91       19.71479  (20091720)
        437127.91   3708991.26       21.84050  (19090402)               437171.36
3709002.61       20.72851  (19030407)
        437214.81   3709013.96       13.13904  (17021018)               437258.26
3709025.31        8.67420  (20021903)
        437301.71   3709036.66        6.04133  (20021019)               437345.16
3709048.02        5.01306  (17121623)
        437388.61   3709059.37        4.07712  (17022717)               437432.05
3709070.72        3.81332  (21121721)
        437475.50   3709082.07        3.81308  (17121417)               437518.95
3709093.42        3.77557  (17021020)
        437562.40   3709104.77        3.73387  (18021418)               437605.85
3709116.12        3.75586  (17010316)
        437649.30   3709127.48        3.79266  (17010316)               436416.08
3709230.21       18.45148  (17012805)
        436398.22   3709244.60       18.15875  (21122202)               436380.35
3709258.98       18.01920  (21020503)
        436392.00   3709129.96       16.91079  (21012805)               436433.58
3709113.98       17.34959  (20122523)
        436475.15   3709098.01       18.13175  (21021823)               436516.72
3709082.04       18.49431  (21011503)
        436558.30   3709066.06       18.55349  (21011503)               436599.87
3709050.09       18.76388  (17122620)
        436641.44   3709034.12       18.74440  (17031205)               436683.02
3709018.14       18.92580  (21041805)
        436724.59   3709002.17       19.16250  (20021320)               436766.16
3708986.20       19.37659  (21120405)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        07:59:17

                                   PAGE 743
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
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                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436807.74   3708970.23       19.19568  (20091806)               436849.31
3708954.25       19.11350  (17020808)
        436890.88   3708938.28       18.90369  (18010606)               436932.46
3708922.31       18.93556  (17102518)
        436974.03   3708906.33       18.58849  (20111904)               437015.60
3708890.36       18.25305  (18092704)
        437078.72   3708880.02       18.31170  (20091720)               437121.81
3708891.27       20.19423  (18091721)
        437164.90   3708902.53       19.98733  (19012818)               437207.99
3708913.79       14.99267  (19122017)
        437251.08   3708925.05        7.82907  (20021903)               437294.17
3708936.30        4.87613  (21011424)
        437337.26   3708947.56        3.88423  (18010217)               437380.35
3708958.82        3.56817  (17123120)
        437423.44   3708970.08        3.42693  (17022717)               437466.53
3708981.33        3.42586  (21121721)
        437509.62   3708992.59        3.47208  (19122705)               437552.71
3709003.85        3.45621  (19122705)
        437595.80   3709015.11        3.39035  (19122705)               437638.89
3709026.36        3.35034  (19122705)
        437681.98   3709037.62        3.40305  (17121417)               437725.07
3709048.88        3.51405  (21011417)
        436353.35   3709152.33       16.63574  (21012723)               436335.49
3709166.72       16.52014  (21122202)
        436317.63   3709181.10       16.47328  (21020503)               436329.73
3709051.90       15.59263  (19121722)
        436350.96   3709043.74       15.71166  (18010705)               436372.19
3709035.59       15.94428  (19121519)
        436393.42   3709027.43       16.10028  (21111407)               436414.65
3709019.27       16.54194  (20120619)
        436435.89   3709011.11       16.67157  (21120407)               436457.12
3709002.96       16.86347  (21011221)
        436478.35   3708994.80       16.98968  (17012107)               436499.58
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3708986.64       17.01697  (21021723)
        436520.81   3708978.48       17.09838  (21121121)                436542.05
3708970.33       17.18659  (20111518)
        436563.28   3708962.17       17.30840  (17122620)                436584.51
3708954.01       17.35046  (21112821)
        436605.74   3708945.85       17.32627  (17031205)                436626.97
3708937.70       17.42312  (17040603)
        436648.21   3708929.54       17.43665  (21041805)                436669.44
3708921.38       17.50913  (17011606)
        436690.67   3708913.22       17.71290  (18110120)                436711.90
3708905.06       17.76275  (18010619)
        436733.13   3708896.91       17.83683  (21120405)                436754.37
3708888.75       17.83509  (20021520)
        436775.60   3708880.59       17.79312  (20121322)                436796.83
3708872.43       17.61060  (17110924)
        436818.06   3708864.28       17.67726  (20091806)                436839.29
3708856.12       17.63026  (17022606)
        436860.53   3708847.96       17.58290  (19110418)                436881.76
3708839.80       17.47967  (18010606)
        436902.99   3708831.65       17.58021  (21122120)                436924.22
3708823.49       17.65211  (21090421)
        436945.45   3708815.33       17.46815  (19012519)                436966.69
3708807.17       17.21016  (17012108)
        436987.92   3708799.01       17.14688  (19082502)                437009.15
3708790.86       16.86399  (18030420)
        437030.38   3708782.70       16.40363  (19110702)                437073.62
3708780.29       17.22362  (20091720)
        437095.63   3708786.04       18.07382  (17091003)                437117.64
3708791.79       18.79351  (18091721)
        437139.64   3708797.54       19.21169  (19041820)                437161.65
3708803.29       18.97128  (21020221)
        437183.66   3708809.04       17.54085  (19030407)                437205.66
3708814.79       14.82190  (17020821)
        437227.67   3708820.54       11.01682  (19021120)                437249.68
3708826.29        6.61556  (19012818)
        437271.68   3708832.04        5.07013  (19123021)                437293.69
3708837.78        4.50468  (18010217)
        437315.70   3708843.53        3.90748  (19051904)                437337.70
3708849.28        3.44872  (18020318)
        437359.71   3708855.03        3.29557  (18020318)                437381.72
3708860.78        3.25461  (18010217)
        437403.72   3708866.53        3.25536  (18010217)                437425.73
3708872.28        3.18429  (17022717)
        437447.74   3708878.03        3.08809  (21121721)                437469.74
3708883.78        3.09921  (21121721)
        437491.75   3708889.53        3.10128  (19122705)                437513.75
3708895.28        3.13548  (17121417)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437535.76	3708901.03	3.14283	(19122705)	437557.77	3708906.78	3.14604	(18020318)
437579.77	3708912.53	3.14264	(19122705)	437601.78	3708918.28	3.07013	(20021019)
437623.79	3708924.03	3.08034	(18021418)	437645.79	3708929.78	3.06451	(19122705)
437667.80	3708935.52	3.04048	(18120916)	437689.81	3708941.27	3.01209	(19101817)
437711.81	3708947.02	3.07906	(17123120)	437733.82	3708952.77	3.07044	(18120916)
437755.83	3708958.52	3.06464	(17123117)	437777.83	3708964.27	3.19657	(19101817)
437799.84	3708970.02	3.17137	(20020717)	436308.49	3709060.06	15.52225	(17012805)
436290.63	3709074.45	15.37443	(21010806)	436272.77	3709088.83	15.27064	(21010607)
436254.90	3709103.22	15.21758	(21022522)	436266.83	3708974.09	14.47874	(20012122)
436287.89	3708965.99	14.65174	(21010702)	436308.95	3708957.90	14.71698	(19011821)
436330.01	3708949.81	14.90360	(18022523)	436351.07	3708941.72	15.12808	(17020904)
436372.13	3708933.63	15.40936	(20050705)	436393.19	3708925.54	15.56127	(19101520)

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        436414.25   3708917.44       15.72954  (20011020)               436435.31
3708909.35       15.79211  (20091822)
        436456.37   3708901.26       15.82778  (20041421)               436477.43
3708893.17       15.83163  (21010405)
        436498.49   3708885.08       16.00803  (17020220)               436519.55
3708876.99       16.06718  (20111518)
        436540.61   3708868.90       16.02152  (18121919)               436561.67
3708860.80       16.15544  (17122818)
        436582.73   3708852.71       16.10242  (20121319)               436603.79
3708844.62       16.21456  (17040603)
        436624.85   3708836.53       16.34131  (17011606)               436645.91
3708828.44       16.26286  (21010118)
        436666.97   3708820.35       16.44358  (20021320)               436688.03
3708812.25       16.46344  (17111623)
        436709.09   3708804.16       16.60924  (21120405)               436730.15
3708796.07       16.58803  (20010419)
        436751.21   3708787.98       16.53306  (20121322)               436772.27
3708779.89       16.37912  (17110924)
        436793.33   3708771.80       16.50781  (17021420)               436814.39
3708763.70       16.42005  (19012821)
        436835.45   3708755.61       16.37587  (18010119)               436856.51
3708747.52       16.22921  (17021420)
        436877.57   3708739.43       16.33788  (17110322)               436898.63
3708731.34       16.33526  (17110322)
        436919.69   3708723.25       16.20845  (21090421)               436940.75
3708715.15       16.08279  (20020720)
        436961.81   3708707.06       16.03923  (21112203)               436982.87
3708698.97       15.72879  (19082502)
        437003.93   3708690.88       15.39196  (18030420)               437024.99
3708682.79       15.29296  (19110702)
        437067.88   3708680.40       16.31510  (20091720)               437089.71
3708686.10       17.03479  (17091003)
        437111.54   3708691.80       17.61635  (19092404)               437133.37
3708697.51       18.06780  (21020202)
        437155.20   3708703.21       17.85353  (19030407)               437177.02
3708708.91       16.72825  (19030407)
        437220.68   3708720.32       11.86660  (19122017)               437242.51
3708726.02        9.20764  (18120701)
        437264.34   3708731.72        6.66619  (20021903)               437286.17
3708737.43        5.10431  (18121619)
        437308.00   3708743.13        4.15940  (19051904)               437351.65
3708754.54        3.07711  (18021922)
        437373.48   3708760.24        2.97330  (17021304)               437395.31
3708765.94        2.96559  (18122821)
        437417.14   3708771.64        2.97661  (17123120)               437438.97
3708777.35        2.87975  (17022717)
        437460.79   3708783.05        2.84392  (21121721)               437482.62
3708788.75        2.84666  (21121721)
        437504.45   3708794.46        2.83439  (21121721)               437526.28
3708800.16        2.84493  (19122705)
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	2.76256	(18021922)	437722.74	3708851.48	2.76117	(19122705)
437744.56	3708857.19	2.77515	(18120916)	437766.39	3708862.89	2.77340	(17123117)
437810.05	3708874.30	2.82824	(17123117)	437831.88	3708880.00	2.88006	(19101817)
437853.71	3708885.70	2.87460	(17022120)	436245.77	3708982.18	14.37651	(17012805)
436227.91	3708996.56	14.22240	(17010420)	436210.04	3709010.95	14.22191	(18020622)
436192.18	3709025.34	14.17613	(18020622)	436203.96	3708896.26	13.54232	(21012805)
436245.78	3708880.19	13.79502	(20120520)	436287.61	3708864.12	14.00935	(21010606)
436329.44	3708848.05	14.57697	(21010623)	436371.26			

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3708831.98       14.72794  (18010802)
        436413.09   3708815.91       14.78490  (20120521)                436454.92
3708799.84       15.00768  (19120706)
        436496.75   3708783.77       15.03077  (17022123)                436538.57
3708767.70       15.07858  (20110517)
        436580.40   3708751.63       15.18153  (18010807)                436622.23
3708735.56       15.13432  (20021420)
        436664.05   3708719.49       15.39235  (17111623)                436705.88
3708703.41       15.51455  (20010419)
        436747.71   3708687.34       15.36208  (17110924)                436789.53
3708671.27       15.40833  (19110519)
        436831.36   3708655.20       15.34617  (17031303)                436873.19
3708639.13       15.28661  (17051203)
        436915.01   3708623.06       15.08289  (20120618)                436956.84
3708606.99       14.93539  (18083020)
        436998.67   3708590.92       14.41313  (18111818)                437062.17
3708580.51       14.93224  (20091720)
        437105.52   3708591.84       15.77651  (17073103)                437148.87
3708603.17       16.98042  (18100124)
        437192.23   3708614.49       15.61671  (19030407)                437235.58
3708625.82       11.09626  (19012818)
        437278.93   3708637.15        6.29646  (20021903)                437322.29
3708648.47        3.47106  (19011204)
        437365.64   3708659.80        2.74248  (17120817)                437408.99
3708671.12        2.68917  (21011424)
        437452.34   3708682.45        2.62437  (17022717)                437495.70
3708693.78        2.59067  (21121721)
        437539.05   3708705.10        2.59847  (21121721)                437582.40
3708716.43        2.64647  (19122705)
        437625.75   3708727.75        2.66764  (20013118)                437669.11
3708739.08        2.61934  (18021418)
        437712.46   3708750.41        2.60937  (18021922)                437755.81
3708761.73        2.50321  (19040922)
        437799.17   3708773.06        2.54828  (17123117)                437842.52
3708784.39        2.60264  (17123117)
        437885.87   3708795.71        2.62199  (17123117)                436165.18
3708918.68       13.37308  (21012723)
        436147.32   3708933.07       13.33767  (18020622)                436129.45
3708947.46       13.25959  (18020622)
        437017.12   3710105.60       90.86557  (21011601)                436994.30
3710140.34       81.66701  (18020221)
        436986.74   3710060.78       77.10885  (18122222)                436963.92
3710095.51       69.27818  (17121819)
        436955.38   3710021.84       64.86540  (18011718)                436933.55
3710050.69       58.16855  (18101207)
        436910.73   3710085.43       52.88039  (20020608)                436917.07
3709990.56       53.93622  (18011718)
        436891.76   3710023.24       49.99228  (21011719)                436868.94
3710057.97       47.37198  (19122120)
        436874.41   3709964.06       46.76110  (21012608)                436849.97
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3709995.78   44.64101 (19012703)
        436827.15   3710030.52   42.74937 (18012419)   436832.10
3709937.18   41.88899 (19111203)
        436857.13   3709909.61   45.52122 (21011008)   436808.18
3709968.33   40.08004 (18020421)
        436785.36   3710003.06   38.90181 (18121508)   436789.97
3709910.11   37.75480 (21122223)
        436814.29   3709883.30   39.83983 (17121006)   436766.39
3709940.87   36.50276 (20101320)
        436743.57   3709975.61   35.40882 (18012419)   436749.92
3709880.74   34.80731 (18020221)
        436777.72   3709850.11   36.18347 (20122407)   436724.61
3709913.42   33.54210 (20120423)
        436701.79   3709948.15   32.71043 (20112104)   436707.63
3709853.83   31.88974 (19012703)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

436717.60 3709769.35 31.63060 (18120919) 436641.03
3709858.51 28.99518 (18011906)
436618.21 3709893.24 28.58377 (20022724) 436582.77
3709770.92 26.44034 (17122320)
436610.57 3709740.29 26.92350 (17090305) 436638.37
3709709.66 27.75825 (21011707)
436666.17 3709679.03 28.46911 (21011324) 436557.46
3709803.60 25.78420 (17101622)
436534.64 3709838.33 25.14643 (19121508) 436498.56
3709716.70 23.29277 (20120701)
436525.10 3709687.46 23.92317 (18121823) 436551.63
3709658.23 24.57418 (20121606)
436578.17 3709628.99 25.44888 (20120904) 436604.71
3709599.75 26.24397 (18010423)
436473.88 3709748.69 22.82361 (20020119) 436451.06
3709783.42 22.36054 (18020124)
436415.61 3709661.10 20.89194 (17123006) 436443.42
3709630.47 21.43906 (18010502)
436471.22 3709599.84 22.04628 (21011607) 436499.02
3709569.21 22.69710 (21011707)
436526.82 3709538.58 23.51628 (20010420) 436390.30
3709693.78 20.42250 (18021323)
436367.48 3709728.51 19.97116 (18020124) 436331.54
3709606.73 18.92523 (17120205)
436358.35 3709577.20 19.35867 (18012221) 436385.16
3709547.66 19.91696 (21122223)
436411.97 3709518.13 20.43526 (20091623) 436438.78
3709488.59 20.91446 (20120904)
436465.59 3709459.05 21.30489 (20010420) 436306.73
3709638.87 18.60144 (18011405)
436283.91 3709673.60 18.18800 (18020202) 436248.46
3709551.28 17.26769 (17012824)
436276.26 3709520.65 17.65650 (20122103) 436304.07
3709490.02 17.99043 (18011107)
436331.87 3709459.39 18.39842 (20013105) 436359.67
3709428.76 18.74555 (21011603)
436387.47 3709398.13 19.17620 (20120904) 436415.27
3709367.50 19.44773 (18120919)
436223.15 3709583.96 16.98651 (21011220) 436200.33
3709618.69 16.63803 (18021701)
436164.48 3709496.82 15.86786 (17012824) 436191.46
3709467.09 16.11423 (17123006)
436218.45 3709437.36 16.45784 (21020424) 436245.43
3709407.63 16.80332 (17121921)
436272.41 3709377.90 17.05319 (18052305) 436299.40
3709348.17 17.26196 (20120904)
436326.38 3709318.44 17.52871 (20120119) 436353.37
3709288.71 17.77817 (17121006)
436139.58 3709529.05 15.62887 (18021323) 436116.76
3709563.78 15.39262 (21011406)

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        436081.31   3709441.46       14.69862  (18012420)                436109.11
3709410.83       14.93907  (18020421)
        436136.92   3709380.20       15.19193  (20101320)                436164.72
3709349.57       15.41978  (19121724)
        436192.52   3709318.94       15.71144  (19012703)                436220.32
3709288.31       15.79713  (21022024)
        436248.12   3709257.68       16.16737  (21011719)                436275.92
3709227.05       16.35046  (20122502)
        436056.00   3709474.14       14.42036  (17122623)                436033.18
3709508.87       14.12052  (21011406)
        435997.39   3709386.93       13.66143  (18121403)                436024.49
3709357.07       13.87635  (18120405)
        436051.60   3709327.20       14.08174  (19012706)                436078.71
3709297.34       14.26130  (21020424)
        436105.82   3709267.47       14.48618  (19121724)                436132.92
3709237.61       14.71425  (21011204)
        436160.03   3709207.75       14.76310  (21011707)                436187.14
3709177.88       14.99578  (18021606)
        436214.24   3709148.02       15.08228  (20010420)                435972.42
3709419.23       13.36045  (17122821)
        435949.60   3709453.96       13.13717  (20020104)                435914.16
3709331.64       12.76587  (18121404)
        435941.96   3709301.01       12.95372  (20100124)                435969.76
3709270.38       13.07192  (18020101)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 747
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3710068.47   36.52216 (20090522)
        436773.08   3710046.66   37.66588 (18011323)   436779.22
3710024.86   38.22385 (18020820)
        436736.25   3710177.47   30.55049 (20120818)   436736.99
3710200.54   29.47554 (21011624)
        436737.74   3710223.61   28.64227 (19012308)   436692.00
3710158.74   28.41201 (20120818)
        436703.46   3710118.04   29.91563 (18011322)   436714.92
3710077.35   31.65304 (18020721)
        436726.38   3710036.65   33.92108 (21011123)   436687.02
3710202.16   26.81368 (21011624)
        436687.76   3710225.23   26.11558 (21011620)   436642.25
3710159.56   25.61269 (17112221)
        436654.16   3710117.28   27.61446 (21011401)   436666.07
3710075.00   28.74427 (17011608)
        436677.97   3710032.71   30.46844 (18012704)   436689.88
3709990.43   32.19920 (19122108)
        436637.04   3710203.77   24.47560 (21011620)   436637.79
3710226.84   23.89795 (20090521)
        436592.46   3710160.51   23.69076 (21012104)   436598.60
3710138.71   24.34789 (21011802)
        436604.74   3710116.91   25.06517 (19062806)   436610.88
3710095.11   25.73394 (21011805)
        436617.02   3710073.31   26.27069 (21102903)   436623.16
3710051.51   26.94540 (19012621)
        436629.30   3710029.70   27.53529 (18011124)   436635.44
3710007.90   28.44225 (18012704)
        436641.58   3709986.10   29.32156 (17013104)   436647.72
3709964.30   29.97031 (19122108)
        436653.86   3709942.50   30.16466 (21011406)   436586.32
3710182.31   23.08981 (19012308)
        436587.07   3710205.38   22.64898 (21011620)   436587.81
3710228.45   22.18823 (20010308)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254

, L0004255   , L0004256   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436542.20	3710163.16	22.06956	(19012308)	436553.89	3710121.64	23.09530	(18011608)
436565.59	3710080.11	24.28921	(21110223)	436577.28	3710038.58	25.14092	(21122423)
436588.98	3709997.06	26.04681	(21122021)	436600.67	3709955.53	27.52303	(17013104)
436537.10	3710207.00	21.07495	(20022620)	436537.84	3710230.07	20.83994	(20101321)
436442.54	3710165.35	19.34460	(19122122)	436448.68	3710143.55	19.83311	(21011624)
436454.82	3710121.75	20.18965	(17121521)	436460.96	3710099.95	20.52744	(21011802)
436467.10	3710078.15	20.96455	(18121805)	436473.24	3710056.35	21.64351	(21011401)
436479.38	3710034.55	21.76927	(18020222)	436485.52	3710012.74	22.11831	(20120804)
436491.66	3709990.94	22.46908	(18011803)	436497.80	3709969.14	22.73387	(19011822)
436503.94	3709947.34	23.09240	(18020204)	436510.08	3709925.54	23.87113	(21111303)
436516.22	3709903.74	24.32536	(17013024)	436522.36	3709881.93	24.70578	(18010208)
436528.50	3709860.13	24.92780	(18011402)	436436.40	3710187.16	18.97321	(18122121)
436437.15	3710210.23	18.69651	(20101321)	436437.89	3710233.30	18.47527	(21123108)
436342.49	3710168.96	17.20282	(21101620)	436354.55	3710126.13	17.94146	(19122019)
436366.61	3710083.29	18.42023	(17121022)	436378.68	3710040.45	19.38827	(21070705)
436390.74	3709997.61	19.61710	(18020222)	436402.80	3709954.77	20.11466	(20121923)
436414.87	3709911.94	20.50079	(17122701)	436426.93	3709869.10	21.49201	(20011821)
436439.00	3709826.26	22.01857	(17112219)	436337.20	3710213.45	16.76437	(20122619)
436337.94	3710236.52	16.55308	(18010102)	436242.74	3710171.46	15.55488	(19121205)

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        436248.98   3710149.32       15.78369  (19122021)                436255.22
3710127.17       16.04050  (20040703)
        436261.45   3710105.02       16.43805  (18012922)                436267.69
3710082.87       16.58027  (21012104)
        436273.93   3710060.73       16.77891  (17121022)                436280.17
3710038.58       17.01801  (17121022)
        436286.40   3710016.43       17.33185  (17121024)                436292.64
3709994.28       17.88181  (19062806)
        436298.88   3709972.14       17.83956  (18112723)                436305.11
3709949.99       17.91957  (18020222)
        436311.35   3709927.84       18.09442  (18112723)                436317.59
3709905.69       18.33096  (18011120)
        436323.82   3709883.54       18.40874  (18020401)                436330.06
3709861.40       18.61413  (18020204)
        436336.30   3709839.25       19.02975  (18011204)                436342.54
3709817.10       19.41357  (18011204)
        436348.77   3709794.95       19.63227  (18011404)                436355.01
3709772.81       19.74135  (18020301)
        436361.25   3709750.66       19.86899  (20020104)                436236.51
3710193.61       15.38334  (21011722)
        436237.25   3710216.68       15.22793  (20122224)                436238.00
3710239.75       15.00891  (18010102)
        436142.70   3710175.04       14.20166  (21010722)                436148.84
3710153.24       14.34627  (20122201)
        436154.98   3710131.43       14.51399  (18122121)                436161.12
3710109.63       14.73309  (19122122)
        436167.26   3710087.83       15.04350  (18012922)                436173.40
3710066.03       15.26877  (18012922)
        436179.54   3710044.23       15.30543  (19012701)                436185.68
3710022.43       15.52055  (19110604)
        436191.81   3710000.62       15.90871  (21070705)                436197.95
3709978.82       15.90031  (17121024)
        436204.09   3709957.02       16.29991  (21011401)                436210.23
3709935.22       16.36350  (20120804)
        436216.37   3709913.42       16.36650  (21011401)                436222.51
3709891.62       16.56976  (21041604)
        436228.65   3709869.82       16.70583  (18011120)                436234.79
3709848.01       16.76630  (18020401)
        436240.93   3709826.21       16.92173  (17122701)                436247.07
3709804.41       17.07017  (21111303)
        436253.21   3709782.61       17.51212  (21111303)                436259.35
3709760.81       17.79881  (19012001)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 749
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436265.49	3709739.01	17.95438	(19012001)	436271.63	3709717.20	18.05801	(18012923)
436277.77	3709695.40	18.12779	(20020104)	436136.56	3710196.84	13.99406	(18121006)
436137.30	3710219.91	13.90035	(20120206)	436138.05	3710242.98	13.77029	(18013107)
436042.67	3710178.53	13.01464	(19121202)	436054.80	3710135.47	13.30279	(19120501)
436066.93	3710092.40	13.58793	(19122122)	436072.99	3710070.87	13.85817	(19122019)
436085.12	3710027.81	14.11549	(19012701)	436097.25	3709984.74	14.41032	(20120818)
436109.38	3709941.68	14.87252	(20030806)	436121.50	3709898.61	15.11704	(20120804)
436133.63	3709855.55	15.22121	(18011322)	436145.76	3709812.48	15.32421	(18011803)
436157.89	3709769.42	15.55746	(18010223)	436170.01	3709726.35	16.16494	(17121901)
436182.14	3709683.29	16.38468	(20121807)	436037.36	3710223.14	12.78247	(21022402)
436038.10	3710246.21	12.68068	(17021401)	435942.87	3710181.24	12.02445	(18121006)
435949.08	3710159.19	12.16429	(18061924)	435955.29	3710137.14	12.30410	(19121205)
435961.50	3710115.09	12.38286	(18121123)	435967.71	3710093.03	12.51303	(20040703)
435973.92	3710070.98	12.65061	(21010723)	435980.13	3710048.93	12.90775	(18012922)
435986.34	3710026.88	13.03610	(18012922)	435992.55			

3710004.82 13.03693 (19012701)
435998.76 3709982.77 13.26371 (21012104) 436004.97
3709960.72 13.37149 (17121022)
436011.18 3709938.67 14.00383 (19110604) 436017.39
3709916.62 13.83839 (19110604)
436023.60 3709894.56 13.80113 (21011805) 436029.81
3709872.51 13.92170 (21011805)
436036.02 3709850.46 13.92703 (18020222) 436042.23
3709828.41 14.03551 (18011322)
436048.44 3709806.36 14.15741 (20121923) 436054.66
3709784.30 14.21137 (18011803)
436060.87 3709762.25 14.24173 (20022706) 436067.08
3709740.20 14.33422 (18010304)
436073.29 3709718.15 14.38999 (18020404) 436079.50
3709696.10 14.65150 (21111303)
436085.71 3709674.04 14.86764 (20011821) 436091.92
3709651.99 15.02324 (18011404)
436098.13 3709629.94 15.10260 (20121807) 436104.34
3709607.89 15.19131 (18011205)
436110.55 3709585.83 15.28797 (21011405) 435936.66
3710203.29 11.93410 (17120804)
435937.41 3710226.36 11.87359 (18013107) 435938.15
3710249.43 11.78429 (19022601)
435842.85 3710184.72 11.21670 (17120804) 435848.99
3710162.92 11.30329 (20010520)
435855.13 3710141.12 11.43917 (20010520) 435861.27
3710119.32 11.51675 (21010122)
435867.41 3710097.51 11.59615 (19122021) 435873.55
3710075.71 11.72491 (19122021)
435879.69 3710053.91 11.82507 (21010723) 435885.83
3710032.11 12.00050 (19122019)
435891.97 3710010.31 12.15986 (18012922) 435898.11
3709988.51 12.12283 (19012701)
435904.25 3709966.70 12.25477 (17121022) 435910.39
3709944.90 12.37646 (20120818)
435916.53 3709923.10 12.49531 (17122921) 435922.67
3709901.30 13.17315 (19110604)
435928.81 3709879.50 12.82055 (18121805) 435934.95
3709857.70 12.91116 (21011805)
435941.09 3709835.90 13.01415 (20120804) 435947.23
3709814.09 12.95668 (18020222)
435953.37 3709792.29 13.05887 (18011322) 435959.51
3709770.49 13.16764 (20121923)
435965.65 3709748.69 13.20238 (18011803) 435971.78
3709726.89 13.21482 (20022706)
435977.92 3709705.09 13.23072 (21021721) 435984.06
3709683.28 13.24655 (18010223)
435990.20 3709661.48 13.40034 (17122802) 435996.34
3709639.68 13.64406 (20022721)
436002.48 3709617.88 13.77414 (17121824) 436008.62

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

435876.63 3709713.09 12.20884 (18011803) 435888.79
3709669.90 12.26141 (18013122)
435894.87 3709648.31 12.31478 (17121519) 435907.04
3709605.12 12.62970 (18011204)
435919.20 3709561.93 12.88025 (17121824) 435925.28
3709540.34 12.96503 (19012001)
435937.44 3709497.15 13.05497 (18020301) 435737.51
3710232.82 10.37548 (17021401)
435738.26 3710255.89 10.27498 (18021023) 435643.01
3710190.98 9.88625 (18010505)
435649.21 3710168.98 9.95525 (21010722) 435655.40
3710146.98 10.03948 (21010722)
435661.60 3710124.98 10.12293 (20010520) 435667.79
3710102.99 10.16917 (21010122)
435673.99 3710080.99 10.21464 (20010308) 435680.18
3710058.99 10.26698 (20010308)
435686.38 3710036.99 10.35969 (19122122) 435692.57
3710015.00 10.44130 (21010723)
435698.77 3709993.00 10.57309 (20022624) 435704.96
3709971.00 10.65384 (21110503)
435711.16 3709949.00 10.67418 (19012701) 435717.35
3709927.00 10.81555 (20120818)
435723.55 3709905.01 10.86942 (17121022) 435729.74
3709883.01 10.86550 (21021923)
435735.94 3709861.01 11.22893 (21031806) 435742.13
3709839.01 11.53048 (20030806)
435748.33 3709817.01 11.16058 (21011401) 435754.52
3709795.02 11.24426 (20112424)
435760.72 3709773.02 11.35144 (20120804) 435766.91
3709751.02 11.30884 (18020222)
435773.11 3709729.02 11.35550 (18011322) 435779.30
3709707.02 11.40210 (18011322)
435785.50 3709685.03 11.46039 (20122319) 435791.69
3709663.03 11.49973 (19012722)
435797.89 3709641.03 11.50720 (18013122) 435804.08
3709619.03 11.50281 (18010304)
435810.28 3709597.03 11.59407 (20020106) 435816.47
3709575.04 11.69672 (18012704)
435822.66 3709553.04 11.93290 (18011204) 435828.86
3709531.04 12.05161 (18011204)
435835.05 3709509.04 12.10420 (18020206) 435841.25
3709487.04 12.14410 (17010805)
435847.44 3709465.05 12.22582 (17122721) 435853.64
3709443.05 12.31234 (19010908)
435859.83 3709421.05 12.31620 (18010208) 435636.82
3710212.98 9.80357 (18013107)
435637.56 3710236.05 9.74885 (18012222) 435638.31
3710259.12 9.68380 (18021023)
435543.01 3710194.40 9.31296 (17120804) 435549.15
3710172.60 9.39520 (17120804)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435616.69	3709932.78	10.08959	(19012701)	435622.83	3709910.98	10.23263	(21012104)
435628.96	3709889.18	10.22999	(17121022)	435635.10	3709867.38	10.33907	(20120818)
435641.24	3709845.58	10.46694	(20050606)	435647.38	3709823.78	10.82549	(20101104)
435653.52	3709801.98	10.83521	(21110223)	435659.66	3709780.17	10.56953	(19110604)
435665.80	3709758.37	10.63184	(21011805)	435671.94	3709736.57	10.70682	(20120804)
435678.08	3709714.77	10.64392	(18020222)	435684.22			

```
3709692.97       10.68570  (20121923)
        435690.36   3709671.17       10.75075  (18011322)                435696.50
3709649.36       10.81344  (19012621)
        435702.64   3709627.56       10.81039  (18011803)                435708.78
3709605.76       10.85643  (18013122)
        435714.92   3709583.96       10.90431  (18010223)                435721.06
3709562.16       10.98665  (18010224)
        435727.20   3709540.36       11.09071  (18010224)                435733.34
3709518.56       11.21083  (18012704)
        435739.48   3709496.75       11.36829  (17122802)                435745.62
3709474.95       11.46046  (20022721)
        435751.76   3709453.15       11.47683  (19012408)                435757.89
3709431.35       11.50261  (19012408)
        435764.03   3709409.55       11.55783  (18020307)                435770.17
3709387.75       11.65356  (21011405)
        435776.31   3709365.94       11.65287  (18011323)                435536.87
3710216.20        9.25558  (20122224)
        435537.62   3710239.27        9.18753  (17122420)                435538.36
3710262.34        9.14279  (18021023)
        436998.29   3710253.17       76.28126  (20102504)                437006.23
3710275.99       76.10606  (19062806)
        437014.16   3710298.81       76.39462  (21110223)                436943.13
3710246.78       48.26563  (20030806)
        436951.07   3710269.60       47.68349  (20030806)                436959.00
3710292.42       47.82570  (17021608)
        436966.94   3710315.24       48.96518  (17021608)                436891.78
3710240.99       39.97757  (20120818)
        436895.90   3710263.20       38.51528  (19012308)                436903.84
3710286.02       36.70146  (20122619)
        436911.78   3710308.84       36.27628  (21051906)                436919.71
3710331.66       36.79125  (20050502)
        436845.01   3710259.88       33.94538  (21011620)                436856.62
3710302.45       32.13067  (18121323)
        436864.55   3710325.27       31.44793  (17031607)                436872.49
3710348.09       31.51199  (18081006)
        436798.02   3710277.54       29.55293  (21010822)                436809.39
3710318.87       28.69165  (19010608)
        436817.33   3710341.69       28.43456  (21010124)                436825.26
3710364.51       28.50365  (20022905)
        436750.11   3710290.26       26.73911  (20012322)                436745.98
3710268.05       27.21826  (21010822)
        436741.86   3710245.83       27.90761  (20122201)                436754.23
3710312.48       26.31385  (18102607)
        436762.16   3710335.30       26.01583  (19010608)                436770.10
3710358.12       25.90925  (21012124)
        436778.04   3710380.94       26.01877  (18120719)                436703.15
3710308.17       24.44250  (21011622)
        436695.46   3710266.70       25.01660  (18031907)                436714.94
3710351.72       23.76862  (21011701)
        436722.88   3710374.54       23.82053  (18010703)                436730.81
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3710397.36   23.93637 (18120719)
        436655.38   3710321.63   22.51824 (17021522)   436650.98
3710297.93   22.87432 (17021608)
        436646.58   3710274.24   23.00382 (20022621)   436642.19
3710250.54   23.41786 (21010822)
        436659.78   3710345.33   22.22297 (20090605)   436667.71
3710368.15   22.10315 (18011801)
        436675.65   3710390.97   22.10750 (18010320)   436683.59
3710413.79   22.17220 (20021124)
        436608.43   3710339.54   20.98684 (19010608)   436604.31
3710317.32   21.20476 (17021523)
        436600.18   3710295.10   21.45175 (19120306)   436591.94
3710250.67   21.83686 (18010505)
        436612.55   3710361.75   20.73641 (21011701)   436620.49
3710384.57   20.70410 (20122621)
        436628.43   3710407.39   20.66968 (21010123)   436636.36
3710430.21   20.74930 (19011802)
        436561.40   3710357.02   19.63940 (18012708)   436553.55
3710314.70   20.06936 (17122722)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436545.69   3710272.38   20.37313 (18031907)   436573.26
3710401.00   19.50084 (21010123)

```
        436581.20   3710423.82       19.45552  (17012005)                436589.14
3710446.64       19.46562  (20122808)
        436466.75   3710388.81       17.57170  (20101523)                436462.63
3710366.59       17.68628  (20010306)
        436454.38   3710322.16       18.04280  (21020904)                436450.26
3710299.94       18.19204  (18121323)
        436446.14   3710277.73       18.31798  (18020824)                436442.02
3710255.51       18.23919  (19120306)
        436470.88   3710411.03       17.50577  (17021323)                436478.81
3710433.85       17.47897  (21010123)
        436486.75   3710456.67       17.40685  (20102307)                436494.69
3710479.49       17.38062  (18010703)
        436372.15   3710420.84       15.88689  (17021323)                436367.87
3710397.80       16.02270  (18021524)
        436363.60   3710374.76       16.14218  (19021219)                436359.32
3710351.72       16.26438  (19013002)
        436355.05   3710328.68       16.40493  (21020904)                436350.77
3710305.64       16.52531  (17121120)
        436346.50   3710282.60       16.61981  (18120223)                436342.22
3710259.56       16.49524  (20012322)
        436376.43   3710443.88       15.86860  (21122420)                436384.36
3710466.70       15.85612  (21120104)
        436392.30   3710489.52       15.74832  (17012005)                436400.24
3710512.34       15.71370  (17012204)
        436277.58   3710453.03       14.51619  (21122420)                436273.18
3710429.33       14.61294  (21021302)
        436268.78   3710405.63       14.68472  (19021002)                436264.38
3710381.94       14.78733  (21022407)
        436259.99   3710358.24       14.88316  (19120923)                436255.59
3710334.54       14.99634  (21020904)
        436251.19   3710310.84       15.07258  (20101601)                436246.79
3710287.15       15.16043  (18120223)
        436242.39   3710263.45       15.04913  (18102607)                436281.98
3710476.73       14.48684  (21122420)
        436289.91   3710499.55       14.52404  (21120104)                436297.85
3710522.37       14.42394  (20102307)
        436305.79   3710545.19       14.35012  (17012204)                436183.40
3710487.36       13.37013  (21122420)
        436175.16   3710442.93       13.49399  (20022703)                436171.03
3710420.71       13.53817  (18122601)
        436166.91   3710398.49       13.61859  (20010306)                436162.79
3710376.28       13.69886  (18122520)
        436158.66   3710354.06       13.79711  (17120201)                436154.54
3710331.84       13.84868  (21020904)
        436146.29   3710287.41       13.92981  (18121323)                436142.17
3710265.19       13.82277  (20021207)
        436187.52   3710509.57       13.30558  (20012721)                436195.46
3710532.39       13.33384  (21011701)
        436203.40   3710555.21       13.24741  (21012201)                436211.33
3710578.03       13.17452  (19021006)
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        436088.85   3710519.64       12.34683  (17021323)                436084.62
3710496.85       12.36475  (21021703)
        436080.39   3710474.07       12.43738  (18121701)                436076.16
3710451.28       12.50756  (19021002)
        436071.93   3710428.49       12.58543  (17121219)                436067.70
3710405.71       12.62777  (21020822)
        436063.47   3710382.92       12.69500  (17021522)                436059.24
3710360.14       12.78480  (17120201)
        436055.02   3710337.35       12.81618  (21020904)                436050.79
3710314.56       12.85561  (19010621)
        436046.56   3710291.78       12.88264  (19120507)                436042.33
3710268.99       12.79845  (19120507)
        436093.07   3710542.42       12.30525  (19122118)                436101.01
3710565.24       12.31630  (17121220)
        436108.95   3710588.06       12.26870  (17120906)                436116.88
3710610.88       12.17592  (19010503)
        435994.30   3710552.00       11.42154  (17021323)                435989.98
3710528.72       11.47223  (19122803)
        435985.67   3710505.45       11.53504  (20011303)                435981.35
3710482.18       11.58712  (21012123)
        435977.03   3710458.90       11.65213  (18122601)                435972.71
3710435.63       11.70411  (19022706)
        435968.39   3710412.35       11.77689  (17011721)                435964.07
3710389.08       11.85374  (17021522)
        435959.75   3710365.81       11.91583  (18122921)                435955.43
3710342.53       11.96012  (18122719)
        435951.11   3710319.26       11.99085  (19011221)                435946.79
3710295.98       11.99338  (19120507)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 753
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                 L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                 L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                 L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	11.91761	(19120507)	435998.62	3710575.27	11.39914	(18122421)
436006.56	3710598.09	11.43886	(17121220)	436014.50	3710620.91	11.39519	(18012322)
436022.43	3710643.73	11.31841	(19021006)	435899.77	3710584.43	10.65209	(17021323)
435895.38	3710560.73	10.66089	(19122803)	435890.98	3710537.03	10.71080	(19122402)
435886.58	3710513.33	10.78094	(20011303)	435882.18	3710489.64	10.85110	(19010402)
435877.79	3710465.94	10.91087	(18120419)	435873.39	3710442.24	10.94881	(20012004)
435868.99	3710418.54	10.97233	(19011005)	435864.59	3710394.85	11.03078	(17021522)
435860.19	3710371.15	11.06828	(19121620)	435855.80	3710347.45	11.13921	(18122719)
435851.40	3710323.75	11.16416	(19011221)	435847.00	3710300.06	11.14947	(19120507)
435842.60	3710276.36	11.06826	(19120507)	435904.17	3710608.12	10.62975	(19122118)
435912.11	3710630.94	10.65863	(17120823)	435920.05	3710653.76	10.61260	(17120906)
435927.98	3710676.58	10.56767	(20042320)	435805.52	3710618.32	10.07936	(21011706)
435801.31	3710595.67	10.07143	(18011820)	435797.11	3710573.02	10.05813	(19122020)
435792.91	3710550.36	10.09804	(20011303)	435788.70	3710527.71	10.12780	(21012123)
435784.50	3710505.06	10.17859	(17021505)	435780.30	3710482.41	10.20970	(19021002)
435776.09	3710459.76	10.24630	(20012004)	435771.89	3710437.10	10.25543	(18122520)
435767.68	3710414.45	10.30799	(19011005)	435763.48	3710391.80	10.34686	(18122921)
435759.28	3710369.15	10.36760	(20011201)	435755.07	3710346.50	10.44957	(19122001)
435750.87	3710323.84	10.46299	(20121522)	435746.66	3710301.19	10.45594	(19120507)
435742.46	3710278.54	10.39329	(18121323)	435809.72	3710640.97	10.10041	(17021320)
435817.66	3710663.79	10.12411	(21012201)	435825.60	3710686.61	10.10853	(21010123)
435833.53	3710709.43	10.06402	(20102307)	435711.00			

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3710650.78       10.18697  (20122621)
        435706.72   3710627.74        9.98309  (17080606)                435702.44
3710604.70        9.73125  (21122419)
        435698.17   3710581.66        9.58181  (19120924)                435693.89
3710558.63        9.58062  (18021320)
        435689.62   3710535.59        9.59546  (19010402)                435685.34
3710512.55        9.66305  (18122522)
        435681.07   3710489.51        9.82077  (20013019)                435676.79
3710466.47        9.93801  (18011401)
        435672.51   3710443.43        9.90930  (21020623)                435668.24
3710420.39        9.93394  (17021523)
        435663.96   3710397.35        9.86174  (17121321)                435659.69
3710374.31        9.81293  (19101107)
        435655.41   3710351.27        9.81076  (19121620)                435651.14
3710328.23        9.84172  (19123003)
        435646.86   3710305.19        9.84512  (19120507)                435642.59
3710282.16        9.78660  (18121323)
        435715.27   3710673.82       10.15560  (17021605)                435723.21
3710696.64       10.08876  (17021605)
        435731.14   3710719.46       10.02313  (20123019)                435739.08
3710742.28       10.05399  (18010622)
        435616.48   3710683.29        9.89353  (18011801)                435612.14
3710659.90        9.93598  (17080606)
        435607.80   3710636.51        9.98883  (19123123)                435603.46
3710613.13       10.05842  (18012519)
        435599.12   3710589.74       10.09978  (17013105)                435594.78
3710566.36       10.15976  (17122822)
        435590.44   3710542.97       10.20919  (20013019)                435586.10
3710519.59       10.26209  (17120120)
        435581.76   3710496.20       10.28250  (21013122)                435577.42
3710472.81       10.14109  (20101623)
        435573.08   3710449.43        9.92313  (19120424)                435568.74
3710426.04        9.76558  (19011424)
        435564.40   3710402.66        9.63555  (19010508)                435560.06
3710379.27        9.41468  (17121120)
        435555.72   3710355.89        9.31162  (18020824)                435551.38
3710332.50        9.30214  (21021603)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 754
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                 L0004234    , L0004235    , L0004236    , L0004237    , L0004238
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, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        435547.04   3710309.12        9.29938  (19123003)               435542.70
3710285.73        9.25073  (18120223)
        435620.82   3710706.67        9.87971  (21011701)               435628.76
3710729.49        9.88468  (17021605)
        435636.69   3710752.31        9.99906  (18020501)               435644.63
3710775.13       10.30367  (18010622)
        437027.39   3710326.68       81.44128  (19041722)               437038.31
3710349.01       86.73382  (19110523)
        437049.22   3710371.33       84.29448  (17100222)               436982.47
3710348.64       55.66426  (19050206)
        436993.39   3710370.97       59.68706  (20070301)               437004.30
3710393.30       62.93609  (19110523)
        436937.55   3710370.61       41.12636  (18060804)               436948.47
3710392.93       46.01855  (21041803)
        436959.39   3710415.26       50.18201  (19041722)               436881.72
3710370.24       31.76990  (18122408)
        436892.63   3710392.57       33.11409  (21121308)               436903.55
3710414.89       35.50340  (19120804)
        436914.47   3710437.22       40.85778  (21041803)               436836.80
3710392.20       28.78442  (18081006)
        436847.72   3710414.53       28.98083  (21101622)               436858.63
3710436.86       30.13980  (20020208)
        436869.55   3710459.18       33.30238  (18060804)               436791.88
3710414.17       26.10995  (21032107)
        436802.80   3710436.49       26.21161  (18122408)               436813.71
3710458.82       26.90098  (21090424)
        436824.63   3710481.15       29.68874  (18121608)               436746.96
3710436.13       23.95640  (18020322)
        436757.88   3710458.46       23.97560  (20091302)               436768.80
3710480.78       24.88879  (21101622)
        436779.71   3710503.11       26.52476  (18121608)               436692.82
3710435.94       22.13827  (21032107)
        436702.05   3710458.09       22.14039  (21032107)               436712.96
3710480.42       22.06069  (18081006)
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        436723.88   3710502.75       22.56170  (21021003)                436734.80
3710525.07       22.70413  (21121308)
        436650.21   3710463.44       20.62182  (21121621)                436668.04
3710502.38       20.65877  (17020619)
        436678.96   3710524.71       20.93704  (18122408)                436689.88
3710547.04       20.97227  (18121021)
        436604.52   3710483.56       19.51899  (21121621)                436623.13
3710524.34       19.68099  (19012107)
        436634.04   3710546.67       19.70972  (21121319)                436644.96
3710569.00       19.82950  (18120107)
        436513.14   3710523.79       17.41120  (19122319)                436503.92
3710501.64       17.40642  (18010703)
        436522.37   3710545.94       17.44050  (20123003)                436533.29
3710568.27       17.56316  (17120305)
        436544.21   3710590.60       17.50368  (17020619)                436555.12
3710612.92       17.54537  (19012902)
        436424.46   3710570.49       15.73051  (20120823)                436443.45
3710612.20       15.83644  (17120305)
        436454.37   3710634.52       15.80909  (19012107)                436465.29
3710656.85       15.73560  (17012924)
        436333.47   3710611.64       14.35840  (20021124)                436324.24
3710589.49       14.31174  (21010201)
        436315.01   3710567.34       14.34944  (19020324)                436342.70
3710633.79       14.27435  (18123108)
        436353.62   3710656.12       14.34591  (20091405)                436364.53
3710678.45       14.35705  (19012107)
        436375.45   3710700.77       14.35189  (21120706)                436244.56
3710657.78       13.16939  (21120920)
        436227.95   3710617.91       13.18553  (17021402)                436263.78
3710700.05       13.15616  (18123106)
        436274.70   3710722.37       13.17602  (18010108)                436285.61
3710744.70       13.14317  (19012107)
        436153.80   3710699.49       12.16702  (20121407)                436144.57
3710677.34       12.15507  (21010124)
        436135.34   3710655.19       12.18146  (20122206)                436126.11
3710633.04       12.20340  (20121903)
        436163.03   3710721.65       12.14464  (18123105)                436173.94
3710743.97       12.12954  (18123106)
        436184.86   3710766.30       12.16728  (18010108)                436195.78
3710788.63       12.14203  (18020322)
        436064.73   3710745.27       11.28341  (19122319)                436047.81
3710704.65       11.30787  (20021623)
        436084.11   3710787.90       11.25775  (19121405)                436095.03
3710810.22       11.27411  (18123106)
        436105.94   3710832.55       11.27843  (20123003)                435974.13
3710787.34       10.50445  (20121407)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	10.49335	(18010320)	435955.67	3710743.04	10.53337	(21010301)
435946.44	3710720.89	10.52912	(20021121)	435937.21	3710698.74	10.52327	(18121203)
435983.36	3710809.50	10.49809	(20122808)	435994.27	3710831.82	10.45779	(19010623)
436005.19	3710854.15	10.47294	(17022623)	436016.11	3710876.48	10.52713	(20123003)
435884.95	3710832.85	10.41021	(21012022)	435867.81	3710791.71	10.31428	(20120503)
435850.67	3710750.57	10.08426	(17021319)	435904.44	3710875.75	10.44977	(20022604)
435915.35	3710898.08	10.39056	(20120408)	435926.27	3710920.40	10.34327	(20120822)
435794.45	3710875.20	10.45482	(21010124)	435785.23	3710853.04	10.63214	(17013103)
435776.00	3710830.89	10.70706	(21021523)	435766.77	3710808.74	10.72429	(20080406)
435757.54	3710786.59	10.47507	(20020122)	435748.31	3710764.43	10.20260	(18010622)
435803.68	3710897.35	10.26756	(20012101)	435814.60	3710919.67	10.11021	(20022604)
435825.52	3710942.00	10.01295	(20120408)	435836.43	3710964.33	9.86085	(21032107)
435705.19	3710920.51	10.08388	(21010124)	435687.89			

3710878.97 10.51642 (21010124)
  435670.59 3710837.43 10.87814 (20011121) 435724.76
3710963.60 9.86861 (20120408)
  435735.68 3710985.93 9.65710 (20022604) 435746.60
3711008.25 9.38593 (21010203)
  437052.65 3710321.47 97.44134 (21120223) 437017.82
3710373.27 71.69330 (19110523)
  436964.72 3710362.63 49.55705 (19050206) 436881.73
3710306.83 33.59665 (20121808)
  436863.46 3710244.40 36.70162 (21011624) 436828.63
3710296.20 30.63175 (20121808)
  436810.36 3710233.77 33.02440 (20010308) 436662.66
3710184.60 26.09516 (20120818)
  436538.19 3710100.90 22.93142 (17121024) 436383.83
3709972.03 19.54675 (20121923)
  436289.23 3709933.50 17.67562 (18011322) 436123.27
3709821.90 15.08632 (19012722)
  435920.75 3709585.43 12.87768 (20121601) 436987.78
3710422.82 59.14808 (19110523)
  436981.82 3710445.14 60.02764 (19110523) 436975.87
3710467.47 58.18965 (19110523)
  436969.92 3710489.80 55.04127 (19110523) 436921.61
3710476.92 46.79174 (19041722)
  436904.79 3710367.02 34.39838 (21090424) 436851.94
3710364.15 30.11783 (21120706)
  436776.67 3710438.27 24.95194 (18122408) 436746.22
3710358.41 24.82054 (20020206)
  436726.55 3710282.45 25.82097 (20012322) 436691.95
3710367.85 22.83169 (20122621)
  436618.82 3710281.14 22.11389 (19120306) 436589.38
3710364.41 20.15206 (18012708)
  436570.02 3710269.33 20.93175 (19120306) 436612.64
3710175.47 24.24009 (19012308)
  436535.11 3710373.86 18.92975 (20101523) 436465.44
3710261.09 18.66456 (20121902)
  436483.63 3710221.04 19.64364 (20101321) 436501.81
3710180.99 20.60275 (21010721)
  436520.00 3710140.95 21.74165 (21012104) 436438.49
3710348.09 17.52025 (21012123)
  436369.27 3710234.32 17.10310 (20122224) 436378.82
3710213.30 17.53822 (20122619)
  436388.37 3710192.27 17.86703 (20122105) 436397.91
3710171.25 18.26639 (19121506)
  436407.46 3710150.22 18.79154 (19122019) 436417.01
3710129.20 19.19929 (21011624)
  436426.56 3710108.17 19.60042 (19012701) 436436.11
3710087.15 19.99086 (17122921)
  436445.65 3710066.12 20.61640 (21070705) 436272.19
3710209.56 15.77685 (18010505)
  436290.38 3710169.51 16.31169 (20022720) 436308.56

3710129.47   16.99483 (19012422)
        436326.75   3710089.42   17.59482 (19012701)   436344.94
3710049.37   18.23139 (17122921)
        436363.12   3710009.32   19.20492 (21011401)   436175.92
3710183.03   14.57512 (21013124)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                   INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436185.36   3710162.23   14.78327 (18011804)   436194.80
3710141.44   15.01946 (19122021)
        436204.25   3710120.64   15.30083 (18121622)   436213.69
3710099.85   15.68495 (19122019)
        436223.13   3710079.06   15.98701 (20040703)   436232.58
3710058.26   16.09531 (19012701)
        436242.02   3710037.47   16.35622 (21012104)   436251.46
3710016.67   16.69892 (19110604)
        436260.90   3709995.88   17.23314 (18121805)   436270.35
3709975.09   17.46080 (21011401)
        436279.79   3709954.29   17.44542 (21011805)   436166.47
3710203.82   14.34718 (18010505)
        436160.52   3710226.15   14.15486 (20120206)   436078.94
3710158.03   13.50680 (21011722)
        436097.13   3710117.98   13.83493 (20122105)   436115.32
3710077.94   14.39098 (18012922)

436133.50 3710037.89 14.67393 (19012903) 436151.69
3709997.84 15.10593 (20120818)
436169.88 3709957.79 15.57380 (21011401) 436188.06
3709917.75 15.93533 (18020222)
436063.90 3710200.38 13.16448 (21110503) 435982.60
3710131.64 12.55293 (21010122)
435991.98 3710110.99 12.69918 (21101620) 436001.36
3710090.34 12.87290 (19122021)
436010.74 3710069.69 13.04072 (18012922) 436020.11
3710049.04 13.35884 (18012922)
436029.49 3710028.39 13.40868 (21012104) 436038.87
3710007.74 13.55796 (19012903)
436048.25 3709987.09 13.86740 (17121022) 436057.62
3709966.45 13.99512 (17122921)
436067.00 3709945.80 14.49874 (19110604) 436076.38
3709925.15 14.36210 (21011401)
436085.76 3709904.50 14.60619 (18112723) 436095.13
3709883.85 14.80757 (20120804)
436104.51 3709863.20 14.74274 (18011322) 436113.89
3709842.55 14.94953 (20122319)
435973.23 3710152.29 12.42599 (20010520) 435967.27
3710174.62 12.26475 (19121202)
435961.32 3710196.94 12.17327 (17120804) 435894.79
3710086.48 11.84415 (21101620)
435912.98 3710046.43 12.19327 (20022624) 435931.16
3710006.38 12.42098 (21012104)
435949.35 3709966.34 12.75884 (17121022) 435967.54
3709926.29 13.47434 (20101104)
435985.72 3709886.24 13.35141 (21011805) 436003.91
3709846.19 13.68978 (21011401)
436022.10 3709806.15 13.80680 (18011322) 435807.98
3710039.11 11.23908 (20022624)
435817.31 3710018.56 11.43345 (19122019) 435826.64
3709998.01 11.61198 (18012922)
435835.97 3709977.46 11.60209 (19012701) 435845.31
3709956.91 11.75723 (20120818)
435854.64 3709936.36 11.89127 (20120818) 435863.97
3709915.81 11.97711 (17122921)
435873.30 3709895.25 12.58995 (20101104) 435882.64
3709874.70 12.54778 (20030806)
435891.97 3709854.15 12.43831 (21011805) 435901.30
3709833.60 12.60517 (21011805)
435910.63 3709813.05 12.73010 (21011401) 435919.97
3709792.50 12.67352 (19122121)
435929.30 3709771.95 12.82645 (18011322) 435938.63
3709751.40 12.89235 (18011120)
435947.97 3709730.85 12.99467 (18011803) 435768.07
3710145.42 10.78792 (20010520)
435721.55 3709990.90 10.80697 (18012922) 435731.09
3709969.87 10.75831 (19012701)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435642.53	3709926.36	10.27289	(20120818)	435661.13	3709885.40	10.43662	(20050606)
435670.43	3709864.92	10.51192	(18011608)	435679.73	3709844.44	10.83515	(21031806)
435689.03	3709823.97	11.12191	(20030806)	435698.33	3709803.49	10.82974	(19121506)
435707.63	3709783.01	10.90430	(21011805)	435716.93			

3709762.53 10.97718 (21011805)
435726.23 3709742.05 11.04943 (21011401) 435735.53
3709721.57 11.03344 (18011322)
435744.83 3709701.09 11.15956 (18011322) 435754.13
3709680.61 11.22083 (19012621)
435772.73 3709639.66 11.30823 (19012722) 436969.01
3710524.96 50.19031 (19041722)
436970.50 3710565.89 49.07460 (20100707) 436918.30
3710506.32 44.89148 (21090701)
436919.79 3710547.25 40.55171 (19110523) 436921.28
3710588.18 38.38953 (19041722)
436869.98 3710493.44 36.65779 (21041803) 436869.07
3710528.60 33.63839 (19050206)
436870.56 3710569.53 30.65165 (20012624) 436818.36
3710509.96 29.85702 (19050206)
436819.85 3710550.89 26.34569 (20011708) 436821.34
3710591.82 24.62293 (20092402)
436769.14 3710532.24 24.05082 (20020208) 436770.63
3710573.17 24.95024 (18060804)
436724.39 3710460.67 22.64058 (20111823) 436719.92
3710554.52 21.84182 (18060804)
436721.41 3710595.45 21.96503 (20092305) 436674.25
3710463.96 21.29533 (21032107)
436670.70 3710576.81 20.31531 (21121308) 436625.11
3710458.43 20.18717 (20021124)
436620.73 3710578.63 19.20870 (18020324) 436570.66
3710500.15 18.66871 (21042921)
436569.27 3710539.52 18.48510 (17120305) 436570.76
3710580.45 18.06358 (18122408)
436522.70 3710484.12 17.88285 (19011802) 436526.84
3710447.36 18.17481 (18020501)
436530.97 3710410.61 18.55965 (17121122) 436521.54
3710602.73 17.04868 (17020619)
436423.04 3710485.30 16.22462 (18010320) 436427.45
3710446.10 16.59045 (17120823)
436431.87 3710406.90 16.87776 (18021320) 436419.37
3710544.97 15.80967 (20011301)
436421.61 3710606.37 15.48797 (21090404) 436320.80
3710509.44 14.76215 (20102307)
436325.01 3710472.01 15.03311 (20012721) 436329.22
3710434.59 15.23203 (18011820)
436333.44 3710397.17 15.55430 (21021302) 436337.65
3710359.75 15.88185 (18020507)
436220.97 3710512.18 13.65495 (17120823) 436225.38
3710472.98 13.86477 (18122421)
436229.79 3710433.78 14.12760 (21011706) 436234.21
3710394.57 14.37437 (20010306)
436120.95 3710516.52 12.63471 (17121220) 436125.21
3710478.72 12.80643 (19120924)
436129.46 3710440.91 13.04253 (19021002) 436133.72

3710403.11   13.25740 (18011106)
        436137.98   3710365.31   13.51199 (20121422)   436021.10
3710519.46   11.76341 (19122803)
        436025.51   3710480.25   11.94995 (18021524)   436029.92
3710441.05   12.17445 (18122601)
        436034.34   3710401.85   12.36033 (18122520)   436019.64
3710559.52   11.61043 (18020405)
        435921.23   3710522.48   10.97213 (20011303)   435925.78
3710482.05   11.18551 (19010402)
        435930.34   3710441.63   11.35240 (18011106)   435934.89
3710401.20   11.54110 (18121221)
        435919.70   3710563.16   10.82837 (17021323)   435821.23
3710526.73   10.33146 (20011303)
        435825.64   3710487.53   10.49263 (18122601)   435830.06
3710448.33   10.63703 (20012004)
        435834.47   3710409.12   10.75726 (20011304)   435819.77
3710566.80   10.18583 (19122803)
        435721.36   3710529.86   9.75882 (17021505)   435725.88
3710489.62   9.89231 (18122601)
        435730.41   3710449.39   10.01489 (17011721)   435734.94
3710409.15   10.12825 (18012918)
        435757.59   3710207.98   10.54432 (18121006)   435719.84
3710570.44   9.69193 (18021320)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

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        436914.85   3710651.52       36.37182  (20092402)                436911.28
3710691.41       35.75610  (17100222)
        436907.71   3710731.30       34.43318  (20100707)                436872.11
3710629.34       29.80771  (19070106)
        436863.26   3710667.01       27.03607  (19032007)                436859.69
3710706.90       25.46860  (19032007)
        436856.12   3710746.79       23.96169  (18062506)                436821.61
3710626.66       25.40549  (20012624)
        436813.46   3710662.55       25.04822  (19112623)                436809.89
3710702.44       24.10184  (20051605)
        436806.32   3710742.33       23.27238  (20012624)                436772.51
3710620.42       22.89167  (20110201)
        436793.71   3710567.27       25.27295  (21041803)                436763.66
3710658.09       21.76576  (17020621)
        436760.09   3710697.98       21.37589  (20012624)                436756.52
3710737.87       22.19383  (19112623)
        436742.14   3710567.24       22.63138  (21051024)                436715.65
3710633.68       22.33012  (20092305)
        436712.07   3710673.58       20.62183  (18060804)                436708.50
3710713.47       19.83671  (20110201)
        436672.91   3710611.51       20.30388  (21051024)                436708.24
3710522.92       21.62577  (21121308)
        436664.06   3710649.17       19.73902  (21051024)                436660.49
3710689.06       20.32125  (20092305)
        436656.92   3710728.95       18.63217  (21012023)                436622.79
3710607.85       18.97414  (20050504)
        436656.51   3710523.29       20.31856  (18122408)                436614.26
3710644.71       18.43849  (18020907)
        436610.69   3710684.60       18.47574  (21051024)                436607.11
3710724.50       18.40202  (20092305)
        436594.51   3710549.43       18.81288  (20120821)                436564.46
3710640.25       17.50256  (20021722)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 759
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436560.89	3710680.14	17.06059	(18120418)	436557.31	3710720.04	17.13265	(18060804)
436545.80	3710542.25	17.99052	(17120305)	436575.15	3710468.65	19.00134	(18010703)
436514.66	3710635.79	16.65121	(19012902)	436511.09	3710675.68	16.28600	(19011505)
436507.51	3710715.58	15.88255	(21021222)	436473.71	3710593.67	16.41763	(17120305)
436487.84	3710558.23	16.74559	(17022623)	436558.50	3710381.05	19.34506	(21011420)
436459.50	3710691.17	15.44160	(19012902)	436374.11	3710584.75	15.00053	(21120920)
436388.24	3710549.31	15.38017	(20011301)	436473.03	3710336.70	18.24818	(20101322)
436365.25	3710622.42	14.62383	(18010108)	436274.51	3710575.83	13.85075	(21120921)
436380.50	3710310.06	16.94159	(17121120)	436394.63	3710274.63	17.43835	(18120223)
436265.65	3710613.50	13.56549	(21010423)	436175.21	3710566.14	12.93304	(21012201)
436278.44	3710307.31	15.43641	(20101601)	436293.19	3710270.33	15.80815	(19120507)
436307.93	3710233.35	16.10398	(21022402)	436166.05	3710604.58	12.64367	(19010502)
436162.48	3710644.47	12.46668	(18020504)	436075.57	3710557.31	12.11395	(20121405)
436178.31	3710299.72	14.26711	(19123003)	436192.98	3710262.92	14.40114	(20021207)
436207.66	3710226.12	14.76408	(20120206)	436066.45	3710595.66	11.87754	(18012502)
436062.88	3710635.55	11.64380	(20021702)	436059.31	3710675.44	11.51028	(20021623)
436012.49	3710456.82	11.93082	(19010402)	436078.28	3710291.86	13.17887	(19120507)
436092.90	3710255.20	13.22329	(19121924)	436107.52	3710218.54	13.56204	(18121006)
435968.63	3710566.80	11.18170	(21011706)	435965.06	3710606.69	11.08084	(21011701)
435961.49	3710646.58	10.92110	(18012502)	435905.47			

3710466.52   11.11474 (18122601)
        435971.05   3710302.07   12.19699 (19010621)   435985.63
3710265.53   12.24754 (19120507)
        436000.20   3710228.99   12.41376 (18013107)   436014.77
3710192.44   12.69723 (18121006)
        436029.35   3710155.90   12.97481 (20010520)   435869.03
3710557.88   10.50489 (19122803)
        435865.46   3710597.77   10.41371 (17021323)   435861.89
3710637.66   10.32618 (21010919)
        435805.77   3710457.84   10.44999 (21020822)   435834.85
3710384.94   10.85509 (17021522)
        435871.19   3710293.82   11.37096 (19123003)   435885.72
3710257.37   11.34634 (18021023)
        435900.26   3710220.92   11.55982 (21022402)   435914.79
3710184.47   11.79901 (18121006)
        435929.33   3710148.02   12.03933 (20010520)   435769.43
3710548.96   9.97766 (20011303)
        435765.86   3710588.85   9.88891 (20020203)   435762.29
3710628.74   9.91948 (21011706)
        435706.09   3710449.12   9.94958 (19011806)   435735.10
3710376.38   10.18498 (20012202)
        435771.36   3710285.46   10.60062 (18121323)   435785.87
3710249.09   10.59808 (20011522)
        435800.37   3710212.72   10.81905 (20120206)   435814.87
3710176.35   11.02418 (18121006)
        435829.38   3710139.99   11.24164 (20010520)   435843.88
3710103.62   11.39762 (18011804)
        435668.04   3710559.99   9.50047 (17021424)   435664.47
3710599.88   9.75871 (18012519)
        435660.90   3710639.77   10.08463 (20090605)   435599.18
3710458.52   9.94827 (20121820)
        435628.14   3710385.92   9.66588 (21020904)   435671.57
3710277.02   9.93967 (18121323)
        435686.05   3710240.72   10.01983 (20021604)   435700.52
3710204.42   10.20723 (18121006)
        435715.00   3710168.12   10.36293 (18121006)   435729.48
3710131.82   10.50673 (21011722)
        435743.95   3710095.52   10.65445 (19121502)   435794.62
3709968.47   11.28016 (19012701)
        435568.44   3710551.07   10.28331 (21012123)   435564.87
3710590.96   10.06748 (17101520)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SLINE6   ***
                                INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        435561.30   3710630.85   9.88467 (18012519)   435478.02
3710503.66   10.57031 (21013122)
        435492.81   3710466.58   10.44746 (20101322)   435507.60
3710429.49   9.80613 (19011424)
        435522.39   3710392.41   9.54956 (21012021)   435566.76
3710281.16   9.35535 (18120223)
        435581.55   3710244.07   9.39883 (20011522)   435596.34
3710206.99   9.57209 (18021424)
        435611.13   3710169.90   9.73367 (17120804)   435625.92
3710132.82   9.92583 (19041204)
        435640.71   3710095.73   9.98103 (19120501)   435655.50
3710058.65   10.11297 (19121502)
        435468.84   3710542.15   10.33029 (19021219)   435465.27
3710582.04   10.11261 (21111121)
        435461.70   3710621.93   9.65857 (18012519)   436915.73
3710783.44   34.48010 (19071305)
        436907.55   3710762.62   33.69026 (20070405)   436937.15
3710806.27   38.47905 (18060804)
        436880.10   3710817.46   24.29860 (17100222)   436860.47
3710777.12   22.84546 (19082405)
        436903.71   3710843.43   28.21348 (19071305)   436845.57
3710853.05   22.09889 (20092306)
        436825.93   3710824.73   20.92089 (19082405)   436813.66
3710793.51   20.58289 (19070106)
        436870.26   3710880.60   25.76578 (21041803)   436811.47
3710889.27   21.69769 (20101803)
        436790.52   3710859.06   19.54319 (19082401)   436766.96
3710810.65   21.05199 (20012624)
        436761.74   3710774.26   21.43958 (21070203)   436836.82
3710917.77   25.31830 (21041803)

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        436777.58   3710925.81       22.30650  (21090424)               436755.76
3710894.34       18.87718  (18101321)
        436733.95   3710862.87       19.64605  (20070405)               436720.32
3710828.18       19.67826  (21070203)
        436714.88   3710790.27       20.09580  (21111806)               436709.44
3710752.37       19.17590  (21021504)
        436803.37   3710954.94       23.84576  (21111806)               436743.83
3710962.53       22.17863  (21090424)
        436721.38   3710930.16       19.66291  (19032007)               436698.94
3710897.79       18.47014  (20051605)
        436673.70   3710845.92       17.90233  (21111806)               436668.11
3710806.93       17.57953  (21021504)
        436662.51   3710767.94       18.21373  (21012023)               436769.93
3710992.10       21.59885  (20091403)
        436711.42   3711001.19       19.69924  (21090424)               436691.06
3710971.82       20.38248  (19120804)
        436670.69   3710942.45       18.71133  (19032007)               436650.33
3710913.08       17.65736  (19112623)
        436627.42   3710866.01       15.95220  (19050206)               436622.35
3710830.63       16.62755  (20121320)
        436617.27   3710795.25       17.43509  (20121320)               436612.19
3710759.87       17.93463  (20091403)
        436736.48   3711029.27       18.40298  (18060804)               436677.68
3711037.94       17.93673  (20030803)
        436656.74   3711007.73       18.30407  (19120804)               436635.79
3710977.52       18.37521  (20091403)
        436614.84   3710947.30       16.56662  (20012624)               436593.90
3710917.09       15.04435  (18011005)
        436580.81   3710883.79       15.57574  (20121320)               436575.59
3710847.40       16.37889  (20121320)
        436570.37   3710811.01       16.52024  (20091403)               436565.15
3710774.62       17.42717  (20092305)
        436703.04   3711066.44       17.39087  (20051605)               436644.00
3711074.77       16.76833  (21111806)
        436622.58   3711043.87       16.34111  (21120223)               436601.16
3711012.97       16.17956  (20091403)
        436579.73   3710982.07       15.62953  (19112623)               436558.31
3710951.17       14.56365  (20050504)
        436534.22   3710901.66       15.42398  (20121320)               436528.88
3710864.45       15.37990  (20110201)
        436523.54   3710827.23       16.31703  (19050206)               436518.20
3710790.01       16.15445  (21051024)
        436512.85   3710752.79       15.78159  (17121020)               436669.59
3711103.60       16.70038  (18060804)
        436610.36   3711111.65       16.00233  (21111806)               436588.54
3711080.18       15.80470  (19110523)
        436566.72   3711048.70       15.57831  (19112623)               436544.90
3711017.23       14.32605  (19041722)
        436523.08   3710985.76       14.09298  (20050504)               436501.26
3710954.29       14.60149  (20092305)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	14.55852	(20110201)	436482.19	3710881.70	15.46611	(20091403)
436476.75	3710843.79	15.12124	(21051024)	436471.31	3710805.88	15.19318	(21090424)
436465.87	3710767.98	14.93105	(21021420)	436460.43	3710730.07	15.10067	(20021722)
436636.15	3711140.77	15.95470	(18060804)	436543.15	3711185.53	14.76443	(20091403)
436520.71	3711153.16	14.75105	(20012624)	436498.27	3711120.79	14.08009	(21041803)
436475.83	3711088.42	13.18570	(21031805)	436453.38	3711056.05	13.18389	(21031805)
436430.94	3711023.68	13.53974	(20110201)	436408.50	3710991.31	13.37889	(21041803)
436394.48	3710955.63	13.88952	(20030803)	436388.89	3710916.64	13.53171	(21090701)
436383.29	3710877.65	13.30660	(17121020)	436377.69	3710838.66	13.35394	(18123107)
436372.10	3710799.67	13.53517	(19011505)	436366.50	3710760.68	13.83860	(19012902)
436360.91	3710721.69	13.98783	(21120706)	436569.25			

3711215.11 14.84109 (21120223)
436476.70 3711260.50 13.56314 (20092305) 436455.14
3711229.40 13.64044 (19041722)
436433.58 3711198.30 13.04573 (21090424) 436412.02
3711167.20 12.74173 (21041803)
436390.45 3711136.10 12.57554 (21090424) 436368.89
3711105.00 12.55190 (20121320)
436347.33 3711073.90 12.36556 (20030803) 436325.77
3711042.79 12.75354 (20030803)
436301.52 3710992.96 12.39324 (21021007) 436296.14
3710955.50 12.05734 (17061804)
436290.76 3710918.04 12.08286 (17061804) 436285.39
3710880.58 12.27362 (21021007)
436280.01 3710843.12 12.42202 (19012902) 436274.64
3710805.66 12.68801 (17012924)
436269.26 3710768.20 12.85285 (17020619) 436502.36
3711289.44 13.82114 (20092402)
436409.57 3711334.48 12.76101 (20092305) 436387.52
3711302.68 12.47749 (20070301)
436365.47 3711270.88 12.52894 (21090424) 436343.42
3711239.08 12.08320 (20011708)
436321.37 3711207.27 12.00739 (19050206) 436299.33
3711175.47 11.98079 (20011708)
436277.28 3711143.67 11.95733 (20030803) 436255.23
3711111.87 11.91063 (20092305)
436233.18 3711080.07 11.48198 (20020208) 436208.38
3711029.11 11.20844 (17061804)
436202.89 3710990.81 11.19058 (21020106) 436197.39
3710952.50 11.25051 (21121308)
436191.89 3710914.19 11.38909 (19012902) 436186.39
3710875.89 11.56368 (17012924)
436180.90 3710837.58 11.76575 (20120821) 436175.40
3710799.28 11.93794 (19120922)
436435.47 3711363.78 12.73309 (21031805) 436342.48
3711408.53 12.14304 (20022424)
436320.04 3711376.16 12.05227 (19080606) 436297.60
3711343.79 12.15740 (21041803)
436275.15 3711311.42 11.83578 (21041803) 436252.71
3711279.05 11.80372 (19080606)
436230.27 3711246.68 11.82071 (19050206) 436207.83
3711214.31 11.41546 (18060804)
436185.38 3711181.94 11.14668 (20020208) 436162.94
3711149.57 10.92813 (20020208)
436140.50 3711117.20 10.45020 (17121020) 436115.26
3711065.34 10.42798 (21020106)
436109.66 3711026.35 10.47190 (21121308) 436104.07
3710987.36 10.58221 (19012902)
436098.47 3710948.37 10.69596 (17012924) 436092.88
3710909.38 10.83929 (20120821)
436087.28 3710870.39 10.92624 (19120922) 436081.69

3710831.40   11.09708 (20022905)
        436368.58   3711438.11   12.40298 (20011708)   436275.43
3711482.63   11.69337 (17102523)
        436252.66   3711449.79   11.71631 (21101519)   436229.89
3711416.96   11.84202 (21022119)
        436207.12   3711384.12   11.85872 (21070406)   436184.36
3711351.28   11.96806 (19072422)
        436161.59   3711318.44   11.95888 (18020122)   436138.82
3711285.60   11.01964 (19073006)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230
, L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238
, L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246
, L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254
, L0004255   , L0004256   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436116.05   3711252.76   10.83835 (20020208)   436093.29
3711219.92   10.49038 (21051024)
        436070.52   3711187.08   10.01686 (21031805)   436047.75
3711154.24   9.99644 (21121308)
        436022.15   3711101.62   9.84481 (20021722)   436016.47
3711062.07   9.91412 (19012902)
        436010.79   3711022.52   10.01785 (21101622)   436005.12
3710982.96   10.23259 (21120308)
        435999.44   3710943.41   10.48009 (21011908)   435993.76
3710903.85   10.44929 (18020322)
        435965.38   3710706.08   10.71090 (18123104)   436301.69
3711512.44   11.81488 (17010408)

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        436208.84   3711557.41       11.29876  (17102523)                436186.69
3711525.46       11.24159  (21101519)
        436164.53   3711493.50       11.20385  (20022823)                436142.38
3711461.55       11.29344  (21090424)
        436120.22   3711429.59       11.90155  (20122122)                436098.07
3711397.63       12.03899  (18020122)
        436075.91   3711365.68       11.67475  (20091803)                436053.76
3711333.72       10.87971  (19073006)
        436031.61   3711301.77       10.50085  (19073006)                436009.45
3711269.81       10.18623  (19050906)
        435987.30   3711237.86        9.72882  (19050906)                435965.14
3711205.90        9.65678  (19050906)
        435942.99   3711173.95        9.68032  (20093021)                435929.15
3711138.73        9.77333  (20093021)
        435923.62   3711100.24        9.81249  (21053006)                435918.10
3711061.75        9.80154  (18081006)
        435912.58   3711023.26        9.91994  (21090404)                435907.05
3710984.77        9.96133  (20111823)
        435901.53   3710946.28       10.19128  (18042806)                435873.91
3710753.83       10.08857  (20122206)
        435868.39   3710715.34       10.12066  (19021006)                435862.87
3710676.85       10.23944  (19122118)
        436234.80   3711586.78       11.41055  (21120619)                436141.81
3711631.54       11.07025  (21101519)
        436119.37   3711599.17       10.99718  (21101519)                436096.92
3711566.80       10.92267  (21022119)
        436074.48   3711534.43       10.95455  (21012122)                436052.04
3711502.06       11.91682  (19080606)
        436029.60   3711469.69       12.02223  (17011022)                436007.15
3711437.32       11.99377  (20102407)
        435984.71   3711404.95       11.88088  (19073006)                435962.27
3711372.58       11.16789  (20102407)
        435939.83   3711340.21       10.61841  (18010323)                435917.38
3711307.84       10.47531  (20051206)
        435894.94   3711275.47        9.88117  (20093021)                435872.50
3711243.10        9.67608  (21081306)
        435850.06   3711210.73        9.68085  (19121407)                435836.04
3711175.05        9.75441  (18120101)
        435830.44   3711136.06        9.84150  (21092122)                435824.85
3711097.07        9.86857  (21011908)
        435819.25   3711058.08        9.61682  (17061706)                435813.66
3711019.09        9.50402  (18010805)
        435808.06   3710980.10        9.63030  (21032107)                435802.47
3710941.11       10.05547  (20120408)
        435780.09   3710785.15       10.42072  (18121506)                435774.49
3710746.16       10.00405  (17013001)
        435768.89   3710707.17        9.96984  (21050406)                435763.30
3710668.18        9.99124  (20022904)
        436167.91   3711661.11       11.33681  (21122507)                436074.79
3711705.69       12.47398  (17110107)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435720.30	3711053.71	9.29248	(18042806)	435714.65	3711014.28	9.31282	(21010203)
435692.02	3710856.59	10.77980	(20121002)	435686.36			

3710817.17 10.83931 (20011121)
435680.70 3710777.75 10.44720 (18010622) 435675.04
3710738.33 9.96354 (18020501)
435669.39 3710698.90 10.01373 (21011701) 436101.02
3711735.45 12.38993 (21122507)
436008.14 3711780.37 12.01496 (17110107) 435985.92
3711748.33 11.99139 (20010905)
435963.71 3711716.28 12.16408 (20092305) 435941.49
3711684.24 12.49725 (20092305)
435919.28 3711652.20 12.91617 (18060804) 435897.06
3711620.15 12.65010 (19050206)
435874.85 3711588.11 12.29405 (20092305) 435852.63
3711556.07 12.07416 (21051024)
435830.41 3711524.02 11.93641 (21021007) 435808.20
3711491.98 11.75362 (21021007)
435785.98 3711459.94 11.55358 (19020323) 435763.77
3711427.89 11.31526 (17021102)
435741.55 3711395.85 10.94365 (18122408) 435719.34
3711363.81 10.55341 (20010107)
435697.12 3711331.76 10.61958 (20121721) 435674.91
3711299.72 10.66093 (21020404)
435649.92 3711248.38 10.59400 (17061706) 435644.38
3711209.79 10.53795 (21122824)
435638.84 3711171.19 10.35220 (20120318) 435633.30
3711132.59 9.57681 (18010805)
435627.76 3711094.00 9.22667 (21010203) 435622.23
3711055.40 9.28669 (20120408)
435616.69 3711016.81 9.75588 (20120408) 435611.15
3710978.21 10.14682 (20021024)
435605.61 3710939.62 10.30763 (17060406) 435600.07
3710901.02 10.56975 (20121002)
435594.53 3710862.42 10.89987 (20011121) 435588.99
3710823.83 10.91501 (21010123)
435583.45 3710785.23 10.35631 (21032707) 435577.92
3710746.64 9.80874 (17021605)
435572.38 3710708.04 9.73541 (17021605) 435566.84
3710669.45 9.77359 (17080606)
436034.13 3711809.78 11.89564 (20070301) 435941.13
3711854.54 11.26166 (20010821)
435918.69 3711822.17 11.45061 (20010905) 435896.25
3711789.80 11.49698 (18020905)
435873.81 3711757.43 11.68417 (20092305) 435851.37
3711725.06 12.66748 (20092305)
435828.92 3711692.69 12.68654 (20092305) 435806.48
3711660.32 12.24867 (20092305)
435784.04 3711627.95 12.13995 (21051024) 435761.60
3711595.58 11.94231 (21051024)
435739.15 3711563.21 11.52415 (17121020) 435716.71
3711530.84 11.35883 (21020106)
435694.27 3711498.47 11.23162 (21021007) 435671.83

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3711466.10       11.09185  (20021722)
        435649.39   3711433.73       10.98818  (19011505)                435626.94
3711401.36       10.92915  (17011121)
        435604.50   3711368.99       11.00609  (20010101)                435582.06
3711336.62       11.00253  (21120706)
        435556.82   3711284.75       11.05340  (19120922)                435551.22
3711245.76       11.00902  (21021003)
        435545.63   3711206.77       10.58295  (20022905)                435540.03
3711167.78       10.21177  (21021421)
        435534.44   3711128.80        9.93682  (18042806)                435528.84
3711089.81        9.88899  (17022107)
        435523.25   3711050.82       10.05788  (20021024)                435517.65
3711011.83       10.46437  (20021024)
        435512.06   3710972.84       10.58536  (21010423)                435506.46
3710933.85       10.78082  (20020206)
        435500.86   3710894.86       10.88488  (20042320)                435495.27
3710855.87       10.85390  (20102307)
        435489.67   3710816.88       10.47468  (21011701)                435484.08
3710777.89        9.71582  (17021605)
        435478.48   3710738.90        9.51762  (17021605)                435472.89
3710699.91        9.50770  (17121122)
        435467.29   3710660.92        9.57095  (17122822)                435967.24
3711884.12       11.02108  (21012303)
        436207.69   3711246.88       11.64329  (19050206)                436113.01
3711283.43       10.87801  (21041803)
        436027.25   3711334.86       10.76268  (19073006)                435941.49
3711386.29       11.29776  (20102407)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 764
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                   INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                  L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                  L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                  L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435855.73	3711437.72	11.54997	(18020907)	435769.97	3711489.16	11.59421	(20050502)
435684.21	3711540.59	11.34142	(20091302)	436976.59	3710831.32	44.09239	(20082304)
436963.10	3710877.99	43.32959	(21120223)	436925.91	3710862.92	35.09145	(20091403)
436980.21	3710926.56	44.90171	(18101321)	436942.21	3710924.20	40.62339	(19112623)
436908.75	3710910.64	34.84980	(19050206)	436967.77	3710973.29	39.52136	(19082401)
436925.55	3710970.67	37.47910	(20012624)	436888.37	3710955.61	29.47275	(19110523)
436976.14	3711021.32	39.37950	(20100707)	436953.53	3711019.92	36.55306	(18101320)
436908.29	3711017.11	33.77487	(19110523)	436868.45	3711000.97	28.14220	(20012624)
436851.23	3710986.24	25.92941	(21031805)	436834.01	3710971.50	24.98660	(17020908)
436930.23	3711065.98	33.08320	(19070106)	436850.83	3711048.29	23.79867	(20070301)
436818.68	3711020.79	22.17312	(20070301)	436892.46	3711111.14	26.24332	(19120420)
436831.25	3711093.95	21.85389	(20070301)	436797.50	3711065.07	19.17727	(19041722)
436763.75	3711036.20	18.98737	(20092305)	436990.56	3711164.74	37.31632	(18051602)
436811.82	3711139.73	20.73170	(21070203)	436794.29	3711124.73	20.59448	(19112623)
436776.75	3711109.73	18.93619	(19110523)	436759.22	3711094.73	17.99568	(21111806)
436741.69	3711079.72	18.05759	(21031805)	436985.96	3711211.96	35.01029	(19120806)
436876.35	3711205.15	22.71306	(20122121)	436832.50	3711202.43	20.20979	(20053122)
436793.89	3711186.79	20.27490	(21070203)	436760.51	3711158.23	19.21217	(20012624)
436727.13	3711129.67	17.21729	(20092402)	436693.75	3711101.11	16.77368	(18070905)
436972.76	3711258.65	33.68398	(19120806)	436950.14	3711257.25	31.10423	(17100222)
436927.52	3711255.84	28.39119	(20092306)	436904.90	3711254.44	25.66332	(19071305)
436882.28	3711253.03	22.91443	(20100707)	436859.66	3711251.63	21.50360	(17020508)

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        436837.05   3711250.22       20.03043  (20100707)               436740.15
3711203.21       18.91348  (19112623)
        436722.93   3711188.48       17.55063  (20012624)               436705.71
3711173.75       16.69916  (20082304)
        436688.49   3711159.02       16.31941  (20110201)               436671.27
3711144.28       16.54266  (21031805)
        436636.83   3711114.82       16.23901  (20092305)               436955.44
3711352.59       27.84075  (21060824)
        436910.73   3711349.81       23.68751  (19070105)               436866.03
3711347.04       20.82380  (21060824)
        436821.32   3711344.26       19.09598  (20051605)               436686.20
3711281.86       17.48279  (19112623)
        436652.16   3711252.74       15.50851  (19041722)               436618.13
3711223.62       15.10940  (20110201)
        436584.09   3711194.50       15.08374  (21120223)               437049.21
3711453.43       35.62915  (19063024)
        436916.22   3711445.17       22.43432  (20102107)               436871.88
3711442.42       20.34658  (20092306)
        436827.55   3711439.66       19.28115  (21060824)               436783.22
3711436.91       17.88284  (17100222)
        436615.47   3711346.15       15.49232  (20012624)               436581.72
3711317.28       14.26293  (20082304)
        436547.97   3711288.40       14.19648  (21111806)               436514.22
3711259.52       14.05862  (21120223)
        436480.47   3711230.65       13.87646  (18060804)               437093.71
3711551.21       31.44606  (19063024)
        437070.68   3711549.78       31.84223  (20092722)               437047.65
3711548.35       31.35913  (19063024)
        437024.62   3711546.92       27.88414  (19063024)               436886.44
3711538.34       20.36334  (20102107)
        436863.41   3711536.91       19.33230  (20120702)               436840.38
3711535.48       18.76950  (21020622)
        436817.35   3711534.05       18.57164  (21020622)               436794.32
3711532.62       18.23075  (19082401)
        436771.30   3711531.19       17.15526  (19071305)               436626.58
3711480.46       15.46889  (21070203)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 765
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                  INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
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L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	14.38592	(20012624)	436538.91	3711405.46	13.80658	(18070905)
436521.38	3711390.46	13.35396	(20082304)	436503.85	3711375.46	13.18354	(21120223)
436486.32	3711360.46	13.25968	(21120223)	436468.78	3711345.46	13.11092	(21120223)
436451.25	3711330.46	13.30765	(20092305)	436433.72	3711315.46	13.07408	(19050206)
436416.18	3711300.46	12.94822	(21041803)	437208.16	3711550.97	31.34097	(20092002)
437166.02	3711650.72	32.40994	(20081206)	437143.22	3711649.30	30.65626	(19082903)
437120.42	3711647.89	28.72837	(19082824)	437097.62	3711646.47	26.18195	(19082903)
437074.82	3711645.05	23.76659	(20091402)	437052.02	3711643.64	22.87504	(20092722)
437029.22	3711642.22	22.66226	(19063024)	437006.42	3711640.81	21.64245	(20031107)
436846.83	3711630.89	17.50639	(20050805)	436824.03	3711629.48	17.31091	(21020622)
436801.23	3711628.06	17.14734	(20090502)	436778.43	3711626.65	17.34430	(20101803)
436755.63	3711625.23	16.74055	(19082401)	436732.83	3711623.81	16.18561	(19071305)
436572.20	3711558.75	14.45123	(18101321)	436537.49	3711529.05	14.07859	(21070203)
436502.77	3711499.35	13.68824	(20012624)	436485.41	3711484.49	13.18885	(19112623)
436468.06	3711469.64	12.77077	(19041722)	436450.70	3711454.79	12.55199	(20070405)
436433.34	3711439.94	12.42960	(19050206)	436415.98	3711425.09	12.32905	(19041722)
436398.63	3711410.24	12.40269	(19041722)	436381.27	3711395.39	12.58643	(20011708)
436363.91	3711380.54	12.29550	(19050206)	436346.55			

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3711365.69       12.10001  (21041803)
        436329.20   3711350.84       12.04379  (20070301)                437211.62
3711653.55       31.26982  (20030604)
        437233.95   3711647.59       29.84843  (19072204)                437214.79
3711748.76       28.09370  (21061124)
        437192.17   3711747.36       30.87964  (19082904)                437169.55
3711745.95       30.37931  (20081206)
        437146.93   3711744.55       29.22698  (19082903)                437124.32
3711743.14       27.12641  (20050503)
        437101.70   3711741.74       24.75298  (21113022)                437079.08
3711740.33       22.12458  (19063024)
        437056.46   3711738.93       22.02880  (20092722)                437033.84
3711737.53       21.89393  (20092722)
        437011.22   3711736.12       21.26250  (19052823)                436988.60
3711734.72       20.02216  (20031107)
        436965.98   3711733.31       19.43506  (20120702)                436852.89
3711726.29       16.94610  (19120806)
        436830.27   3711724.88       16.55910  (20050805)                436807.65
3711723.48       16.47995  (19082324)
        436785.04   3711722.07       16.20278  (21020622)                436762.42
3711720.67       15.77252  (19082324)
        436739.80   3711719.26       15.75132  (20101803)                436717.18
3711717.86       15.66181  (21020622)
        436500.77   3711622.44       13.65075  (20070405)                436483.55
3711607.71       13.28228  (21070203)
        436466.33   3711592.97       12.96817  (20070405)                436449.11
3711578.24       13.04443  (19112623)
        436431.89   3711563.51       12.61817  (19110523)                436414.67
3711548.77       12.20464  (19032007)
        436397.45   3711534.04       12.20850  (20051605)                436380.23
3711519.31       12.27333  (17010208)
        436363.01   3711504.58       12.33346  (17010208)                436345.79
3711489.84       12.20955  (19032007)
        436328.57   3711475.11       12.09517  (17072506)                436311.35
3711460.38       11.94991  (21122304)
        436294.13   3711445.64       11.91876  (21022119)                436276.91
3711430.91       11.88708  (21101519)
        436259.69   3711416.18       11.95333  (20022823)                436139.16
3711313.05       11.58712  (20091803)
        437237.41   3711750.17       26.49023  (19072204)                437259.74
3711744.21       25.67761  (19120802)
        437240.72   3711845.39       25.04519  (19072204)                437218.25
3711843.99       26.83075  (20030604)
        437195.78   3711842.60       27.61812  (21082303)                437173.31
3711841.20       27.37656  (17010717)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230 , L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238 , L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246 , L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254 , L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437150.83	3711839.81	27.32127	(19082903)	437128.36	3711838.41	26.61523	(17041302)
437105.89	3711837.02	25.08606	(18061301)	437083.41	3711835.62	24.55889	(19082903)
437060.94	3711834.22	23.00968	(19092301)	437038.47	3711832.83	22.79066	(20092722)
437016.00	3711831.43	22.46142	(21121219)	436993.52	3711830.04	21.65103	(19052823)
436971.05	3711828.64	19.56724	(18011519)	436948.58	3711827.25	18.59780	(21071206)
436813.74	3711818.87	15.26547	(20012108)	436791.27	3711817.48	15.47145	(20050805)
436768.80	3711816.08	15.29135	(20050805)	436746.32	3711814.69	15.00362	(17102803)
436723.85	3711813.29	14.76417	(19082324)	436701.38	3711811.89	14.43781	(20101803)
436678.91	3711810.50	14.78054	(21020622)	436446.78	3711701.06	12.88249	(20012624)
436412.57	3711671.78	12.45074	(20070405)	436378.35	3711642.50	12.10918	(20012624)
436361.24	3711627.87	12.00489	(17010408)	436327.02	3711598.59	12.10121	(17090122)
436292.81	3711569.32	11.77862	(19120422)	436258.59	3711540.04	11.52956	(19011304)
436224.37	3711510.76	11.41828	(21122304)	436190.15	3711481.49	11.34818	(20022823)

```
        436173.04   3711466.85       11.26962  (21022119)               436053.28
3711364.39       11.48879  (20102407)
        437263.20   3711846.79       23.24778  (19120802)               437285.53
3711840.83       23.75160  (21051802)
        437265.95   3711941.97       24.98643  (17010717)               437242.92
3711940.54       25.98395  (19072204)
        437219.89   3711939.11       25.40009  (20030604)               437196.86
3711937.68       25.78425  (21082303)
        437173.83   3711936.25       25.68141  (17010717)               437150.80
3711934.82       25.81202  (17041302)
        437127.77   3711933.39       24.70600  (17041302)               437104.74
3711931.96       22.45674  (20091303)
        437081.72   3711930.53       20.91656  (21090703)               437058.69
3711929.10       20.18517  (19063024)
        437035.66   3711927.67       20.94295  (20091402)               437012.63
3711926.24       21.13336  (20092722)
        436989.60   3711924.81       20.68570  (19021501)               436966.57
3711923.38       19.80024  (20050503)
        436943.54   3711921.95       18.16977  (18011519)               436920.51
3711920.52       17.51042  (17042021)
        436782.33   3711911.94       14.60838  (20012108)               436759.30
3711910.51       14.48793  (20050805)
        436736.27   3711909.08       14.37342  (19082324)               436713.24
3711907.65       14.00459  (20050805)
        436690.21   3711906.22       13.97563  (19082324)               436667.18
3711904.79       13.44557  (19082324)
        436406.27   3711791.20       12.71787  (19012022)               436388.74
3711776.20       12.55942  (18011824)
        436371.20   3711761.20       12.29388  (20012624)               436353.67
3711746.20       12.17192  (20012624)
        436336.14   3711731.20       12.21979  (19041722)               436318.61
3711716.20       12.01599  (17072806)
        436301.07   3711701.20       11.90352  (17090122)               436283.54
3711686.19       11.84039  (17090122)
        436266.01   3711671.19       11.76980  (17090122)               436248.47
3711656.19       11.62978  (17010208)
        436230.94   3711641.19       11.42224  (21120619)               436213.41
3711626.19       11.33247  (17010408)
        436195.88   3711611.19       11.21049  (21122304)               436178.34
3711596.19       11.16387  (18122223)
        436160.81   3711581.19       11.11875  (21022119)               436143.28
3711566.19       11.06958  (21101519)
        436125.74   3711551.19       11.04232  (20022823)               436108.21
3711536.19       10.93223  (21022119)
        435985.48   3711431.18       11.99153  (19073006)               437288.98
3711943.40       23.46068  (18112618)
        437311.31   3711937.44       22.57815  (20092002)               437291.90
3712038.60       23.93955  (20092002)
        437269.03   3712037.18       24.29412  (20092002)               437246.16
3712035.76       24.70644  (19072204)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE6 ***
INCLUDING SOURCE(S): L0004229 , L0004230
, L0004231 , L0004232 , L0004233 ,
L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 , L0004241 ,
L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0004247 , L0004248 , L0004249 ,
L0004250 , L0004251 , L0004252 , L0004253 , L0004254
, L0004255 , L0004256 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	22.21310	(19082903)	437108.94	3712027.24	19.72347	(21091105)
437086.07	3712025.82	18.46283	(19082824)	437063.20	3712024.40	18.03441	(17122021)
437040.33	3712022.98	17.84983	(19121323)	437017.46	3712021.56	17.30731	(20013021)
436994.59	3712020.14	17.37015	(20031107)	436971.72	3712018.72	16.85309	(20031107)
436948.85	3712017.30	16.02738	(18011519)	436925.98	3712015.88	15.44130	(19063024)
436903.11	3712014.45	14.69072	(19091402)	436743.02	3712004.51	13.87719	(20012108)
436720.15	3712003.09	13.55451	(21060824)	436697.28	3712001.67	13.49327	(20050805)
436674.41	3712000.25	13.11319	(17102803)	436651.54	3711998.83	13.13953	(19082324)
436628.67	3711997.41	12.81365	(20071606)	436352.17			

3711869.72 13.49716 (19012022)
436334.76 3711854.82 13.35792 (19012619) 436317.34
3711839.92 13.15930 (19101522)
436299.93 3711825.03 13.07507 (19013024) 436282.52
3711810.13 13.11453 (18062506)
436265.11 3711795.23 13.07775 (19013024) 436247.70
3711780.34 13.12656 (19120421)
436230.29 3711765.44 13.04163 (19120421) 436212.88
3711750.54 12.93739 (19122517)
436195.47 3711735.65 12.85866 (17020106) 436178.06
3711720.75 12.78369 (17020106)
436160.64 3711705.86 12.52639 (17010203) 436143.23
3711690.96 12.37154 (17010203)
436125.82 3711676.06 12.14561 (18122223) 436108.41
3711661.17 11.93557 (21122507)
436091.00 3711646.27 11.68198 (20121404) 436073.59
3711631.37 11.38502 (21101519)
436056.18 3711616.48 11.31953 (20121404) 436038.77
3711601.58 11.66467 (20122122)
436021.36 3711586.68 11.97313 (21012122) 435882.07
3711467.51 11.94143 (21012203)
437337.10 3712034.06 21.05356 (19110724) 437295.09
3712133.81 23.11573 (21091105)
437272.36 3712132.40 22.75940 (20092002) 437249.62
3712130.99 23.12456 (19072204)
437226.89 3712129.58 22.30425 (20030604) 437204.15
3712128.17 22.70567 (21082303)
437181.42 3712126.76 21.78975 (19092301) 437158.68
3712125.34 21.26553 (20081206)
437135.95 3712123.93 20.34525 (19082903) 437113.21
3712122.52 19.37729 (21091105)
437090.48 3712121.11 17.20785 (17041302) 437067.74
3712119.70 16.96154 (20021803)
437045.01 3712118.28 16.84202 (21021604) 436999.54
3712115.46 15.81762 (18062706)
436976.81 3712114.05 15.55614 (18101318) 436954.07
3712112.64 15.63305 (18101318)
436931.34 3712111.22 15.14755 (19091402) 436908.60
3712109.81 14.66230 (19063024)
436885.87 3712108.40 13.98409 (19091402) 436863.13
3712106.99 13.91601 (18111719)
436840.40 3712105.58 13.21645 (19021421) 436726.73
3712098.52 13.04266 (19071305)
436703.99 3712097.10 13.12075 (19090606) 436681.26
3712095.69 12.85322 (20050805)
436658.52 3712094.28 12.71257 (20050805) 436635.79
3712092.87 12.36850 (20090502)
436613.05 3712091.46 12.43782 (19082324) 436590.32
3712090.05 12.14686 (20071606)
436476.64 3712082.99 11.81133 (17020308) 436436.60

3712066.77   11.04735 (17100222)
        436298.14   3711948.30   12.64516 (19012619)   436280.83
3711933.49   12.79274 (18062506)
        436263.52   3711918.68   12.84388 (17042806)   436246.21
3711903.87   12.79456 (19110523)
        436228.91   3711889.06   12.78856 (19110523)   436211.60
3711874.26   12.89625 (17010408)
        436194.29   3711859.45   12.80110 (19120421)   436176.98
3711844.64   12.77001 (17010208)
        436159.67   3711829.83   12.70700 (17010208)   436142.37
3711815.02   12.55110 (19122517)
        436125.06   3711800.21   12.43828 (19120422)   436107.75
3711785.41   12.43036 (18011904)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE6   ***
                                 INCLUDING SOURCE(S):   L0004229   , L0004230 , L0004231   , L0004232   , L0004233   ,
                L0004234   , L0004235   , L0004236   , L0004237   , L0004238 , L0004239   , L0004240   , L0004241   ,
                L0004242   , L0004243   , L0004244   , L0004245   , L0004246 , L0004247   , L0004248   , L0004249   ,
                L0004250   , L0004251   , L0004252   , L0004253   , L0004254 , L0004255   , L0004256   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436090.44   3711770.60   12.33884 (18011904)   436073.13
3711755.79   12.23790 (17021906)
        436055.83   3711740.98   12.27218 (18011005)   436038.52
3711726.17   12.27378 (21012023)
        436021.21   3711711.36   12.26052 (20010905)   436003.90
3711696.56   12.23723 (18020905)
        435986.59   3711681.75   12.37998 (20011708)   435969.29
3711666.94   12.59781 (20092305)

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        435951.98   3711652.13       12.76166  (20030803)               435830.82
3711548.47       11.99203  (21021007)
        435796.21   3711518.86       11.74350  (18121608)               437340.56
3712136.64       22.91184  (18120724)
        437343.73   3712231.85       22.33614  (18120724)               437298.49
3712229.04       21.80003  (19110724)
        437275.87   3712227.64       21.37138  (20092002)               437253.25
3712226.23       21.69469  (19072204)
        437230.64   3712224.83       20.98429  (20030604)               437208.02
3712223.42       21.01541  (21082303)
        437185.40   3712222.02       21.15303  (17010717)               437162.78
3712220.61       20.67956  (21061124)
        437140.16   3712219.21       20.02825  (19082903)               437117.54
3712217.80       19.40519  (21091105)
        437094.92   3712216.40       17.46093  (17041302)               437072.31
3712214.99       16.29851  (19082824)
        437049.69   3712213.59       16.05636  (17122021)               437004.45
3712210.78       15.20975  (20013021)
        436959.21   3712207.97       14.86347  (18101318)               436936.59
3712206.57       14.81741  (21090703)
        436913.98   3712205.16       14.30364  (19091402)               436891.36
3712203.76       13.77107  (19063024)
        436868.74   3712202.35       13.20256  (19091402)               436846.12
3712200.95       13.18815  (18111719)
        436823.50   3712199.54       12.82519  (20090502)               436710.41
3712192.52       12.76681  (19090606)
        436687.79   3712191.11       12.63862  (19090606)               436665.17
3712189.71       12.32359  (20102107)
        436642.55   3712188.31       12.02216  (19082324)               436619.93
3712186.90       12.07546  (20050805)
        436597.31   3712185.50       11.46210  (17100222)               436574.70
3712184.09       11.69987  (19070105)
        436552.08   3712182.69       11.44889  (19082324)               436529.46
3712181.28       11.47600  (20101803)
        436506.84   3712179.88       11.23816  (18101320)               436484.22
3712178.47       10.95014  (19071305)
        436461.60   3712177.07       10.94264  (21020622)               436438.98
3712175.66       10.62008  (17020308)
        436399.15   3712159.53       10.49287  (20122121)               436381.93
3712144.79       10.35790  (20122121)
        436364.71   3712130.06       10.32568  (20092306)               436347.49
3712115.33       10.39974  (17042306)
        436330.27   3712100.59       10.54084  (20053122)               436313.05
3712085.86       10.77538  (19070106)
        436295.83   3712071.13       10.87280  (18021123)               436278.61
3712056.40       10.97377  (21012221)
        436261.39   3712041.66       11.02363  (20021721)               436244.17
3712026.93       10.96929  (19012022)
        436226.95   3712012.20       10.73384  (18011824)               436209.73
3711997.46       10.71309  (19110523)
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        436192.51   3711982.73       10.54396  (17042806)                436175.29
3711968.00       10.42530  (17042806)
        436158.07   3711953.27       10.48414  (20012624)                436140.85
3711938.53       10.59688  (19041722)
        436123.63   3711923.80       10.97134  (17090122)                436106.41
3711909.07       11.44305  (17090122)
        436089.19   3711894.33       11.53935  (19120422)                436071.97
3711879.60       11.50303  (17020106)
        436054.75   3711864.87       11.40700  (17020106)                436037.53
3711850.14       11.33702  (17010203)
        436020.31   3711835.40       11.40415  (17010203)                436003.09
3711820.67       11.56418  (21121802)
        435985.87   3711805.94       11.62227  (21090424)                435968.65
3711791.20       11.69512  (21121802)
        435951.43   3711776.47       11.65916  (20010905)                435934.21
3711761.74       11.69146  (18020905)
        435916.99   3711747.01       11.72826  (20122122)                435899.77
3711732.27       11.77557  (20092305)
        435882.55   3711717.54       12.18003  (20092305)                435865.34
3711702.81       12.81311  (19050206)
        435727.58   3711584.95       11.57518  (21090424)                435710.36
3711570.21       11.37305  (17121020)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                PAGE 769
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE6   ***
                                INCLUDING SOURCE(S):     L0004229    , L0004230
, L0004231    , L0004232    , L0004233    ,
                L0004234    , L0004235    , L0004236    , L0004237    , L0004238
, L0004239    , L0004240    , L0004241    ,
                L0004242    , L0004243    , L0004244    , L0004245    , L0004246
, L0004247    , L0004248    , L0004249    ,
                L0004250    , L0004251    , L0004252    , L0004253    , L0004254
, L0004255    , L0004256    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3
                **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - -
        436970.60   3710769.10       41.17753  (20110201)                436955.72
3710755.71       41.04058  (21101622)
        436964.65   3710655.98       44.10616  (20100707)                437021.21
3710584.54       52.31373  (19082401)
        437018.23   3710502.68       62.18254  (19071305)                437036.09
3710435.70       73.18129  (20100707)
        437094.14   3710349.37      118.44094  (17091907)                437061.39
3710282.39      139.27406  (21070806)
        437037.58   3710213.93      120.50775  (19121508)                437036.09
3710167.79      115.72357  (21011707)
        437070.32   3710115.69      122.21976  (20121920)                437123.91
3710072.53       89.33272  (20120708)
        437222.14   3710135.04       97.55307  (18121016)                437186.42
3710196.07      143.53867  (20020808)
        437176.00   3710245.18      175.32453  (20020808)                437195.35
3710271.98      160.95362  (20020808)
        437262.33   3710316.63      126.08235  (17071906)                437296.56
3710364.26      123.03047  (19040618)
        437295.07   3710425.28      143.45143  (17111808)                437305.49
3710466.96      112.02040  (20112420)
        437274.24   3710557.75      158.53985  (20092405)                437244.47
3710642.59      169.86650  (18120724)
        437260.84   3710791.43      127.18521  (20080201)                437210.23
3710813.76      118.26136  (19032805)
        437162.60   3710772.08      104.91849  (18111719)                437001.86
3710778.03       43.93141  (19112623)
        436979.53   3710783.99       41.05047  (17010423)

 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 770
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437003.71	3710828.00	459.39693	(17071802)	437026.67	3710827.15	440.35383	(21030623)
437049.64	3710826.30	439.47735	(21112218)	437072.60	3710825.45	445.49917	(18081703)
437095.56	3710824.60	450.64040	(17052803)	437118.52	3710823.75	461.01716	(19121219)
437141.49	3710822.90	469.31792	(17010717)	437164.45	3710822.05	466.70575	(21051106)
437005.56	3710877.96	439.62464	(17071802)	437028.52	3710877.11	371.10213	(21030623)
437051.48	3710876.26	367.64429	(18081703)	437074.45	3710875.41	373.42193	(18032922)
437097.41	3710874.56	377.56370	(19032805)	437120.37	3710873.71	382.37532	(20070604)
437143.34	3710872.86	379.71754	(20052323)	437166.30	3710872.01	375.96387	(20061102)
437007.41	3710927.93	423.13320	(19082003)	437030.37	3710927.08	388.97390	(17102803)
437053.33	3710926.23	318.40255	(18081703)	437076.30	3710925.38	316.36801	(18111719)
437099.26	3710924.53	321.03061	(17041123)	437122.22	3710923.68	323.62334	(20070604)
437145.19	3710922.83	321.96310	(20052323)	437168.15	3710921.98	316.55485	(20052323)
437009.26	3710977.89	400.42781	(18061301)	437032.22	3710977.04	386.85464	(18101318)
437055.18	3710976.19	301.82291	(18081703)	437078.15	3710975.34	277.47401	(19032805)
437101.11	3710974.49	280.03118	(20070604)	437124.07	3710973.64	280.78205	(20082703)
437147.04	3710972.79	278.74646	(21061401)	437170.00	3710971.94	275.07301	(20052323)
437011.11	3711027.86	365.69329	(21113022)	437034.07	3711027.01	355.24256	(19091402)
437057.03	3711026.16	273.03401	(18032922)	437080.00	3711025.31	244.71191	(17041123)
437102.96	3711024.46	247.41455	(20070604)	437125.92	3711023.61	247.70628	(20082703)
437148.88	3711022.76	245.58159	(21061401)	437171.85	3711021.91	242.86901	(19121219)
437012.96	3711077.82	336.50419	(21113022)	437035.92	3711076.97	347.33727	(21090703)

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        437058.88   3711076.12      332.48444  (21121219)               437081.85
3711075.27      300.47502  (18101318)
        437104.81   3711074.42      235.91764  (19121219)               437127.77
3711073.57      221.71230  (20082703)
        437150.73   3711072.72      219.53312  (21061401)               437173.70
3711071.87      218.26271  (19121219)
        437014.81   3711127.79      302.79316  (21113022)               437037.77
3711126.94      305.17485  (21090703)
        437060.73   3711126.09      311.74807  (21090703)               437083.70
3711125.24      315.70141  (19082903)
        437106.66   3711124.39      282.81969  (17052803)               437129.62
3711123.54      216.54700  (21081423)
        437152.58   3711122.69      197.47366  (21061401)               437175.55
3711121.84      196.80810  (21061401)
        437016.66   3711177.76      286.01338  (19052823)               437039.62
3711176.91      278.21012  (20121401)
        437062.58   3711176.06      286.94234  (21113022)               437085.54
3711175.21      294.30051  (17041302)
        437108.51   3711174.36      269.24102  (17052803)               437131.47
3711173.51      237.08463  (21081606)
        437154.43   3711172.66      180.47722  (20030524)               437177.40
3711171.81      178.89469  (18080424)
        437018.51   3711227.72      265.80157  (19052823)               437041.47
3711226.87      266.05332  (20121401)
        437064.43   3711226.02      272.27967  (21091105)               437087.39
3711225.17      277.84322  (20081206)
        437110.36   3711224.32      271.92450  (17041302)               437133.32
3711223.47      236.09128  (20070604)
        437156.28   3711222.62      167.04392  (20030524)               437179.25
3711221.77      162.89116  (18080424)
        437020.36   3711277.69      254.99849  (19063024)               437043.32
3711276.84      246.10692  (19082903)
        437066.28   3711275.99      256.57143  (19082903)               437089.24
3711275.14      258.81279  (17041302)
        437112.21   3711274.29      255.12718  (17041302)               437135.17
3711273.44      230.46364  (20121401)
        437158.13   3711272.59      165.97904  (20070604)               437181.10
3711271.74      149.41325  (18092302)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        07:59:17

                                   PAGE 771
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
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                 L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                 L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                 L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437024.05   3711377.62      218.19220  (19063024)               437047.02
3711376.77      216.58244  (19082903)
        437069.98   3711375.92      220.62018  (17041302)               437092.94
3711375.07      222.77520  (19082903)
        437115.91   3711374.22      221.32591  (17041302)               437138.87
3711373.37      216.94918  (19072204)
        437161.83   3711372.52      171.97746  (18081403)               437184.79
3711371.67      127.85332  (18092302)
        437027.75   3711477.55      192.99072  (19082903)               437050.72
3711476.70      189.41389  (20091303)
        437073.68   3711475.85      180.23844  (17010717)               437096.64
3711475.00      172.20149  (20070604)
        437119.61   3711474.15      169.55351  (20070604)               437142.57
3711473.30      160.29842  (21081606)
        437165.53   3711472.45      146.72514  (20070604)               437188.49
3711471.60      112.04645  (17052803)
        437031.45   3711577.48      150.57313  (19082903)               437054.42
3711576.63      167.55897  (19082903)
        437077.38   3711575.78      184.10395  (21061124)               437100.34
3711574.93      190.51160  (19082904)
        437123.30   3711574.08      178.91970  (20030604)               437146.27
3711573.23      161.17667  (17052803)
        437169.23   3711572.38      142.91021  (19082904)               437192.19
3711571.53      138.15840  (21081423)
        437035.15   3711677.41      128.47824  (19082903)               437058.11
3711676.56      139.29270  (19082824)
        437081.08   3711675.71      157.32326  (19092301)               437104.04
3711674.86      161.07088  (19082824)
        437127.00   3711674.01      166.29236  (21082303)               437149.97
3711673.16      168.09318  (19082902)
        437172.93   3711672.31      176.50867  (19110724)               437195.89
3711671.46      166.16693  (19082904)
        437038.85   3711777.35      135.56798  (19082824)               437061.81
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3711776.50      142.18964  (20081206)
        437084.78   3711775.65      153.82539  (19092301)                437107.74
3711774.80      156.58718  (17010717)
        437130.70   3711773.95      154.08976  (21082303)                437153.67
3711773.10      158.77253  (17010717)
        437176.63   3711772.25      153.48831  (20092002)                437199.59
3711771.40      147.21241  (20092002)
        437042.55   3711877.28      137.91964  (21091105)                437065.51
3711876.43      143.03557  (19082903)
        437088.48   3711875.58      144.17291  (17041302)                437111.44
3711874.73      147.45556  (17010717)
        437134.40   3711873.88      138.32800  (20030604)                437157.36
3711873.03      135.26147  (19072204)
        437180.33   3711872.18      132.14281  (20081206)                437203.29
3711871.33      131.80242  (18092924)
        437046.25   3711977.21      122.70286  (19082903)                437069.21
3711976.36      126.94841  (20081206)
        437092.17   3711975.51      128.23539  (19092301)                437115.14
3711974.66      132.16281  (17010717)
        437138.10   3711973.81      130.96968  (20030604)                437161.06
3711972.96      131.94895  (19072204)
        437184.03   3711972.11      127.67618  (18092924)                437206.99
3711971.26      129.00814  (18112618)
        437049.95   3712077.14      106.20464  (19082903)                437072.91
3712076.29      115.09442  (21061124)
        437095.87   3712075.44      113.34250  (19082904)                437118.84
3712074.59      115.28882  (17010717)
        437141.80   3712073.74      111.92003  (19072204)                437164.76
3712072.89      123.12104  (17010717)
        437187.73   3712072.04      124.98551  (18052306)                437210.69
3712071.19      126.05198  (21051802)
        437053.65   3712177.07      102.10665  (19082903)                437076.61
3712176.22      109.95805  (19021501)
        437099.57   3712175.37      110.51743  (19082824)                437122.54
3712174.52      113.56283  (21082303)
        437145.50   3712173.67      109.57511  (20030604)                437168.46
3712172.82      113.91092  (17010717)
        437191.42   3712171.97      116.03270  (20121401)                437214.39
3712171.12      118.29321  (21091105)
        437057.35   3712277.00       97.49982  (19082903)                437080.31
3712276.15      103.35669  (19082824)
        437103.27   3712275.30      103.48502  (19082824)                437126.24
3712274.45      104.40858  (21082303)
        437149.20   3712273.60      102.86133  (20030604)                437172.16
3712272.75      107.66421  (17010717)
        437195.12   3712271.90      108.26142  (18052306)                437218.09
3712271.05      111.72302  (19082904)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437177.30	3710851.39	402.89916	(20091401)	437096.75	3710847.33	414.99590	(18081703)
437079.70	3710898.86	346.38235	(18032922)	437062.65	3710950.38	296.67044	(20110222)
437045.60	3711001.90	341.80839	(21090703)	436965.04	3710997.84	368.98026	(21060824)
436932.11	3711035.47	341.19025	(18051602)	436963.86	3711063.26	335.76618	(19052823)
436899.18	3711073.10	301.23790	(20092306)	436930.94	3711100.89	298.06967	(21060824)
436866.26	3711110.73	229.79252	(19082401)	436898.01	3711138.51	231.96196	(18051602)
436833.33	3711148.35	204.54228	(19071305)	436865.08	3711176.14	200.04201	(20101803)
436767.48	3711223.61	175.92761	(17100222)	436799.23	3711251.40	178.75448	(21020622)
436701.62	3711298.86	158.70840	(18071824)	436733.38	3711326.65	157.88542	(20070405)
436635.77	3711374.12	137.23237	(19070106)	436667.52	3711401.90	139.51795	(20053122)
436569.92	3711449.37	129.83992	(20092402)	436601.67	3711477.16	120.72950	(20100707)
436504.06	3711524.63	124.47603	(19041722)	436535.82	3711552.41	111.16286	(19070106)

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        436438.21   3711599.88      114.63278  (20051605)                436469.96
3711627.67      102.34581  (20092402)
        436372.35   3711675.14      103.28917  (19112623)                436404.11
3711702.92       99.44419  (19041722)
        436306.50   3711750.39       98.61144  (17020908)                436338.25
3711778.18       99.32506  (20012624)
        436240.65   3711825.65      100.97252  (19120804)                436272.40
3711853.43      103.53419  (21070203)
        436174.79   3711900.90       89.99640  (17020908)                436206.55
3711928.69       83.39827  (19112623)
        437216.54   3710861.35      365.82793  (20092322)                437247.28
3710852.06      356.37374  (20102819)
        437281.02   3710837.18      410.18618  (21081204)                437236.73
3710907.09      310.22981  (17102724)
        437208.99   3710910.77      318.13734  (20122620)                437157.06
3710894.91      349.85636  (19091403)
        437267.47   3710897.81      300.38592  (18052223)                437301.21
3710882.92      368.03197  (21081204)
        437254.14   3710953.20      268.23187  (17102724)                437220.85
3710957.62      274.45359  (20052322)
        437157.12   3710947.88      297.72313  (21061401)                437287.65
3710943.55      328.15727  (20092322)
        437321.39   3710928.67      326.79036  (20112420)                437275.11
3710998.84      235.11460  (21092306)
        437243.41   3711003.05      240.32025  (19083006)                437211.71
3711007.26      244.31328  (20090402)
        437151.01   3710997.98      260.93780  (21061401)                437307.83
3710989.30      295.91673  (17031621)
        437341.57   3710974.41      274.60586  (20100624)                437293.81
3711044.79      209.48594  (21092306)
        437259.14   3711049.39      212.92401  (19083006)                437224.47
3711053.99      218.02057  (20090402)
        437140.74   3711046.14      232.92533  (20052323)                437328.02
3711035.04      237.93018  (20102819)
        437361.76   3711020.16      207.47714  (18102705)                437314.69
3711090.44      188.02981  (19122918)
        437281.40   3711094.86      190.50661  (17031621)                437248.12
3711099.27      193.77888  (19083006)
        437214.83   3711103.69      198.29000  (21110320)                437134.46
3711096.16      210.62216  (20082703)
        437043.12   3711053.68      347.01111  (19063024)                437348.20
3711080.79      184.38711  (21071304)
        437381.94   3711065.90      175.48379  (20022307)                437333.86
3711136.32      170.90199  (19122918)
        437298.56   3711141.00      173.63468  (17031621)                437263.26
3711145.69      175.15655  (19083006)
        437227.95   3711150.37      180.13291  (19082004)                437192.65
3711155.06      182.03091  (19091403)
        437141.20   3711152.23      198.35705  (21090723)                437028.18
3711099.68      328.43323  (19052823)
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437218.07	3711200.11	165.29634	(21051106)	437118.57	3711194.65	262.05601	(17052803)
437024.88	3711151.08	292.92530	(19052823)	436993.66	3711136.56	290.56244	(20070506)
436962.43	3711122.04	293.04183	(21121219)	437388.57	3711172.28	148.46008	(18100501)
437422.31	3711157.39	151.30256	(21081204)	437374.05	3711227.83	151.92344	(20083001)
437338.39	3711232.57	149.88037	(19032701)	437302.72	3711237.30	146.57360	(18080501)
437267.06	3711242.03	149.40162	(20101722)	437231.40	3711246.76	151.95018	(19082004)
437195.73	3711251.50	153.65998	(20061102)	437125.93	3711251.01	251.82865	(19092301)
437028.06	3711205.50	272.77908	(21121219)	436995.44			

3711190.33 273.95868 (19021501)
436962.82 3711175.16 257.44339 (20091402) 436930.20
3711159.99 244.04137 (19052823)
437408.75 3711218.02 136.72791 (21092306) 437442.49
3711203.14 158.39367 (21081405)
437394.73 3711273.51 145.39689 (21090124) 437360.06
3711278.11 151.89427 (17031621)
437325.38 3711282.71 136.02169 (20022307) 437290.71
3711287.32 136.23984 (19083006)
437256.04 3711291.92 140.07332 (19082004) 437221.37
3711296.52 141.59906 (20061102)
437186.69 3711301.12 142.45140 (18092302) 437152.02
3711305.72 188.83394 (21081606)
437118.83 3711300.65 240.16532 (17041302) 437007.82
3711249.03 269.62794 (19120806)
436976.11 3711234.28 250.06330 (20090502) 436944.39
3711219.53 228.33472 (17102803)
436912.68 3711204.78 209.44746 (20012108) 437428.94
3711263.77 147.40125 (20083001)
437462.68 3711248.88 175.03579 (19071602) 437434.91
3711365.03 157.22536 (21090124)
437399.88 3711369.68 154.91347 (20092222) 437364.84
3711374.33 141.65281 (17022801)
437329.80 3711378.98 119.08870 (18080501) 437294.76
3711383.62 119.13603 (20122620)
437259.73 3711388.27 121.25192 (20052322) 437224.69
3711392.92 122.01577 (21051106)
437189.65 3711397.57 123.08746 (18092302) 437154.61
3711402.22 179.97654 (21111720)
437103.55 3711399.42 216.28704 (19082904) 437007.40
3711354.71 232.71663 (19063024)
436975.35 3711339.81 224.19949 (19063024) 436943.30
3711324.90 200.35050 (18061301)
436911.25 3711310.00 180.26438 (19070105) 436879.21
3711295.10 169.88588 (19120806)
436847.16 3711280.19 172.60519 (17100222) 437469.30
3711355.26 165.62061 (20092322)
437503.04 3711340.37 178.97315 (21081204) 437475.15
3711456.54 157.36020 (20050703)
437439.85 3711461.22 145.32568 (20092222) 437404.54
3711465.90 146.28542 (18030724)
437369.24 3711470.59 129.67014 (20051305) 437333.94
3711475.27 104.93591 (18080501)
437298.63 3711479.96 106.36442 (19082004) 437263.33
3711484.64 107.01456 (18032921)
437228.03 3711489.33 108.09399 (18092302) 437192.72
3711494.01 117.75881 (18032921)
437157.42 3711498.70 143.51525 (21081606) 437122.12
3711503.38 161.86143 (19082824)
437088.32 3711498.22 166.92960 (20070604) 437007.59

3711460.67   201.70859 (20092722)
        436975.30   3711445.66   200.26085 (19120806)   436943.00
3711430.64   164.21838 (20070506)
        436910.71   3711415.63   147.81511 (21071206)   436878.42
3711400.61   149.78262 (20070506)
        436846.13   3711385.59   151.19693 (19090606)   436813.84
3711370.58   155.16362 (19082324)
        436781.55   3711355.56   161.98209 (18101320)   437509.67
3711446.75   163.52228 (20112420)
        437543.41   3711431.86   158.35983 (20050801)   437515.41
3711548.04   144.28041 (21073004)
        437479.91   3711552.75   140.90265 (17031621)   437444.40
3711557.46   134.47371 (18033003)
        437408.90   3711562.17   138.40515 (21090124)   437373.39
3711566.88   112.53225 (19091403)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        437008.16   3711566.82      140.65754  (20013021)              436975.69
3711551.72      143.07791  (21121219)
        436943.21   3711536.62      143.46320  (19063024)              436910.73
3711521.51      139.36818  (19021421)
        436878.26   3711506.41      135.61393  (21121219)              436845.78
3711491.31      135.30978  (19090606)
        436813.31   3711476.21      137.73632  (19090606)              436780.83
3711461.10      142.17252  (21020622)
        436748.35   3711446.00      143.64868  (18101320)              436715.88
3711430.90      140.99567  (21020622)
        437550.04   3711538.24      150.72751  (20112420)              437583.78
3711523.35      146.02322  (19071304)
        437555.70   3711639.54      137.47875  (21073004)              437520.04
3711644.27      127.03968  (21090124)
        437484.38   3711649.00      126.20411  (21041006)              437448.71
3711653.74      126.98421  (19102119)
        437413.05   3711658.47      115.71100  (19083006)              437377.39
3711663.20       94.27052  (20072024)
        437341.72   3711667.93       84.45593  (20090402)              437306.06
3711672.67      104.16148  (19120802)
        437270.39   3711677.40      118.00491  (21111720)              437234.73
3711682.13      128.89471  (21020924)
        437109.91   3711698.70      159.42011  (17010717)              437009.00
3711673.09      123.92016  (19092301)
        436976.38   3711657.92      122.55095  (19063024)              436943.76
3711642.75      124.43120  (20092722)
        436911.14   3711627.58      120.89466  (21071206)              436878.52
3711612.41      120.93998  (20091402)
        436845.90   3711597.24      118.14498  (20012108)              436813.27
3711582.07      124.58669  (19071305)
        436780.65   3711566.90      128.18405  (20050805)              436748.03
3711551.73      131.35210  (21020622)
        436715.41   3711536.56      128.68201  (18101320)              436682.79
3711521.39      130.40385  (21020622)
        436650.17   3711506.22      124.36439  (20070405)              437590.40
3711629.73      132.85968  (21073004)
        437624.14   3711614.84      119.09981  (21081405)              437596.01
3711731.04      128.06820  (19071304)
        437560.21   3711735.79      126.58369  (20060305)              437524.42
3711740.54      122.16105  (20080104)
        437488.63   3711745.29      121.30222  (19100804)              437452.84
3711750.04      119.27488  (19092304)
        437417.05   3711754.79      102.73371  (17091523)              437381.26
3711759.54       86.49095  (19082004)
        437345.47   3711764.28       76.87437  (20072024)              437309.68
3711769.03      100.69202  (20091401)
        437273.88   3711773.78      104.80048  (18081403)              437238.09
3711778.53      112.62432  (18092924)
        437094.93   3711797.53      155.22219  (19082824)              437010.03
3711779.44      121.70820  (19082903)
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Y-COORD (M)        CONC     (YYMMDDHH)
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3711808.65   98.89477 (18101320)
        436584.56   3711793.35   98.59648 (20100707)   436551.65
3711778.04   91.40995 (21020405)
        436518.73   3711762.74   91.07455 (19120723)   436485.81
3711747.43   95.16183 (20101803)
        436452.90   3711732.12   90.38052 (18021123)   437711.51
3711904.20   110.70491 (20112420)
        437745.25   3711889.31   101.93882 (21073004)   437716.97
3712005.53   98.96181 (21073004)
        437680.91   3712010.31   98.99641 (20080104)   437644.85
3712015.10   103.22512 (21041006)
        437608.79   3712019.88   104.61655 (21090124)   437572.73
3712024.67   97.41946 (18033003)
        437536.67   3712029.45   102.49411 (21041006)   437500.61
3712034.24   101.31500 (20080201)
        437464.55   3712039.02   91.44114 (20091401)   437428.50
3712043.81   86.21969 (20080201)
        437392.44   3712048.59   81.18643 (21081403)   437356.38
3712053.38   82.60437 (20122620)
        437320.32   3712058.16   102.12764 (21081403)   437284.26
3712062.95   127.04575 (19082902)
        437248.20   3712067.73   129.56161 (19072204)   437031.84
3712096.44   99.27583 (19082824)
        436997.32   3712091.17   89.18808 (21021604)   436964.33
3712075.83   84.91234 (20013021)
        436931.35   3712060.49   87.52483 (18101318)   436898.36
3712045.15   93.71895 (18101318)
        436865.38   3712029.81   91.15935 (19091402)   436832.40
3712014.48   87.55821 (19091402)
        436799.41   3711999.14   85.30208 (18111719)   436766.43
3711983.80   85.92238 (18121120)
        436733.45   3711968.46   88.05815 (20012108)   436700.46
3711953.12   88.20952 (20012108)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935

, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436667.48	3711937.78	91.51732	(21121618)	436634.49	3711922.45	90.65811	(21020622)
436601.51	3711907.11	90.53076	(20092306)	436568.53	3711891.77	87.48384	(18101320)
436535.54	3711876.43	90.90532	(21020622)	436502.56	3711861.09	89.67002	(20122121)
436469.57	3711845.76	90.12663	(17021903)	436436.59	3711830.42	91.63795	(19120420)
436403.61	3711815.08	94.14027	(21012221)	436370.62	3711799.74	94.33912	(19012022)
437751.87	3711995.69	96.34693	(20112420)	437785.61	3711980.81	99.11431	(20100624)
437757.31	3712097.02	91.10986	(21073004)	437721.18	3712101.82	88.73654	(20050703)
437685.06	3712106.61	89.33412	(21041006)	437648.94	3712111.40	88.83181	(20080104)
437612.81	3712116.20	83.86915	(18033003)	437576.69	3712120.99	84.14077	(19102119)
437540.56	3712125.78	93.32931	(17102724)	437504.44	3712130.58	93.14871	(17022801)
437468.31	3712135.37	82.92974	(21051801)	437432.19	3712140.16	81.66613	(20082305)
437396.07	3712144.96	79.36253	(21081403)	437359.94	3712149.75	94.58711	(21110820)
437323.82	3712154.55	114.57596	(18112618)	437287.69	3712159.34	119.71989	(21020924)
437251.57	3712164.13	121.38404	(19072204)	437034.82	3712192.89	99.26447	(19082903)
436982.18	3712190.00	81.62248	(19092301)	436949.13	3712174.64	76.34947	(21021604)
436916.09	3712159.27	83.10927	(18101318)	436883.05	3712143.91	87.70638	(18101318)
436850.01	3712128.54	85.43978	(19091402)	436816.96	3712113.18	82.12304	(19091402)
436783.92	3712097.81	80.37986	(20091402)	436750.88	3712082.45	79.48710	(17010818)
436717.83	3712067.08	81.91246	(19090606)	436684.79	3712051.71	82.11485	(20102107)

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        436651.75   3712036.35       84.93792  (20050805)                436618.71
3712020.98       85.25330  (21121618)
        436585.66   3712005.62       86.01480  (19070105)                436552.62
3711990.25       84.10684  (20071606)
        436519.58   3711974.89       90.09650  (19082401)                436486.53
3711959.52       91.53012  (20122121)
        436453.49   3711944.15       91.67703  (17042306)                436420.45
3711928.79       92.54486  (19120420)
        436387.41   3711913.42       92.13059  (18021123)                436354.36
3711898.06       93.62678  (21010520)
        436321.32   3711882.69       94.40748  (19012619)                437792.24
3712087.18       91.06126  (20112420)
        437825.98   3712072.30       92.73081  (21081204)                437797.65
3712188.52       87.78794  (21073004)
        437761.47   3712193.32       84.01022  (20080104)                437725.29
3712198.12       84.20902  (17031621)
        437689.11   3712202.92       85.90213  (21090124)                437652.93
3712207.72       84.37275  (20080104)
        437616.75   3712212.52       83.10681  (19102119)                437580.57
3712217.32       83.70170  (19092304)
        437544.38   3712222.12       91.58921  (20080201)                437508.20
3712226.92       89.76654  (20112321)
        437472.02   3712231.73       83.54051  (19102119)                437435.84
3712236.53       85.86015  (19091403)
        437399.66   3712241.33       75.90448  (17022801)                437363.48
3712246.13       94.88862  (21051802)
        437327.30   3712250.93      112.81714  (19120802)                437291.12
3712255.73      116.63396  (19120802)
        437254.94   3712260.53      113.42982  (19120802)                437037.86
3712289.34       94.52225  (19082903)
        437001.68   3712294.14       81.86436  (20021803)                436967.04
3712288.84       80.15328  (17122021)
        436933.95   3712273.46       77.87478  (21012320)                436900.85
3712258.07       78.02672  (20092722)
        436867.76   3712242.68       80.83085  (18101318)                436834.67
3712227.29       78.66844  (19091402)
        436801.57   3712211.90       76.61100  (21071206)                436768.48
3712196.51       75.92060  (17072006)
        436735.38   3712181.12       76.70486  (19021421)                436702.29
3712165.73       77.02672  (19120403)
        436669.19   3712150.34       77.90545  (20102107)                436636.10
3712134.95       79.34809  (20012108)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 777
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436603.01	3712119.56	80.07289	(21121618)	436569.91	3712104.17	78.80041	(21121618)
436536.82	3712088.78	77.32936	(20071606)	436503.72	3712073.39	78.92109	(18101320)
436470.63	3712058.00	78.49340	(19082405)	436437.54	3712042.61	76.79443	(20122121)
436404.44	3712027.22	77.18971	(17021904)	436371.35	3712011.83	78.62328	(19120420)
436338.25	3711996.44	80.97435	(19120720)	436305.16	3711981.05	84.10090	(18101321)
436272.06	3711965.67	84.90877	(21010520)	436238.97	3711950.28	86.34650	(21070203)
437832.61	3712178.67	85.30202	(20112420)	437866.35	3712163.79	86.76510	(21081204)
437307.35	3710801.18	318.05066	(19120820)	437307.81	3710761.16	306.05494	(19020918)
437305.08	3710736.35	320.06353	(19020918)	437302.36	3710711.54	330.84442	(19020918)
437299.63	3710686.74	341.61154	(19020918)	437296.90	3710661.93	352.63655	(19020918)
437294.17	3710637.12	364.50652	(17022218)	437355.99	3710800.79	243.01459	(18052319)
437332.06	3710855.22	299.02117	(19120820)	437357.51	3710755.69	272.12362	(17022418)
437354.78	3710730.88	283.77370	(17022418)	437352.06	3710706.08	291.86664	(17122019)
437349.33	3710681.27	298.88927	(17022418)	437346.60	3710656.46	306.82602	(19021521)
437343.87	3710631.66	313.42758	(18011920)	437405.16			

3710797.86 244.67541 (19051620)
437400.37 3710820.68 237.76293 (21031521) 437395.58
3710843.51 233.69218 (20021819)
437373.45 3710881.92 231.26424 (17070719) 437356.09
3710897.50 270.84434 (20082924)
437338.74 3710913.08 302.08317 (19120820) 437409.94
3710775.03 245.37176 (17100320)
437407.21 3710750.22 245.05811 (18041821) 437404.48
3710725.42 246.67765 (21022518)
437401.76 3710700.61 252.87387 (20051320) 437399.03
3710675.80 260.40816 (20042921)
437396.30 3710651.00 268.07292 (17022318) 437393.57
3710626.19 276.35469 (18090719)
437454.54 3710793.91 221.50668 (21022518) 437449.43
3710818.26 222.25486 (18041821)
437444.33 3710842.61 213.45506 (18041821) 437439.22
3710866.96 212.77041 (17121617)
437415.61 3710907.92 203.01165 (20021819) 437397.10
3710924.55 208.55611 (21081405)
437378.59 3710941.17 252.18240 (20082924) 437360.08
3710957.79 261.43168 (17072004)
437459.64 3710769.57 215.33730 (20051320) 437456.91
3710744.76 214.74870 (21021018)
437454.18 3710719.95 214.62013 (18121719) 437451.46
3710695.15 216.41756 (20020618)
437448.73 3710670.34 218.04710 (18022307) 437446.00
3710645.53 222.07534 (19030318)
437443.27 3710620.73 230.62690 (19051323) 437504.78
3710785.84 203.64374 (17032320)
437495.67 3710829.32 198.73591 (17060704) 437486.55
3710872.79 195.20671 (17012118)
437460.91 3710931.11 192.30570 (17012418) 437427.86
3710960.79 191.10604 (18020618)
437394.81 3710990.47 243.11666 (21081204) 437506.61
3710739.29 208.89593 (20042921)
437503.88 3710714.49 210.69124 (19030318) 437501.16
3710689.68 212.21744 (19122417)
437498.43 3710664.87 212.32117 (21021019) 437495.70
3710640.07 217.79785 (19051323)
437492.97 3710615.26 224.57822 (20123124) 437554.26
3710781.46 201.11498 (18053119)
437549.47 3710804.28 199.76525 (17020519) 437544.69
3710827.11 196.99930 (21022518)
437539.90 3710849.94 192.20910 (19092624) 437535.11
3710872.76 185.97914 (17060704)
437530.33 3710895.59 181.45958 (18041821) 437525.54
3710918.41 180.60564 (17111718)
437503.41 3710956.82 184.39670 (19011717) 437486.05
3710972.40 185.07521 (18011921)
437468.70 3710987.99 184.28596 (21021319) 437451.35

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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        437510.09   3711014.69      176.05490  (20101718)                437492.10
3711030.85      179.71033  (17021106)
        437474.10   3711047.01      178.06963  (19090420)                437456.11
3711063.17      182.73395  (21081405)
        437438.11   3711079.33      216.83606  (21081204)                437420.12
3711095.49      205.30142  (17072004)
        437608.74   3710753.17      188.76351  (17030318)                437606.01
3710728.36      191.33887  (18090719)
        437603.29   3710703.55      193.20788  (18093022)                437600.56
3710678.75      194.93741  (18123121)
        437597.83   3710653.94      195.57503  (18093022)                437595.10
3710629.13      195.32972  (17012018)
        437592.37   3710604.33      189.95841  (19051919)                437653.34
3710772.05      161.11039  (17022318)
        437648.23   3710796.40      154.01003  (17122019)                437643.13
3710820.74      159.18162  (17122019)
        437638.02   3710845.09      168.97447  (17020519)                437632.92
3710869.44      177.94493  (21022518)
        437627.82   3710893.79      175.81499  (21031521)                437622.71
3710918.13      170.35327  (21031521)
        437617.61   3710942.48      162.48964  (17032320)                437612.50
3710966.83      159.84310  (17111718)
        437588.89   3711007.80      159.00892  (20110701)                437570.38
3711024.42      161.42285  (17031123)
        437551.87   3711041.04      163.51144  (19022819)                437533.36
3711057.66      166.30024  (20052621)
        437514.85   3711074.28      169.45608  (18012907)                437496.34
3711090.91      170.17547  (19012018)
        437477.84   3711107.53      174.22926  (21021319)                437459.33
3711124.15      204.01518  (18052223)
        437440.82   3711140.77      197.39637  (19120820)                437658.44
3710747.70      169.75680  (17040820)
        437655.71   3710722.89      176.42140  (18093022)                437652.99
3710698.09      178.20336  (19012101)
        437650.26   3710673.28      178.75917  (19051619)                437647.53
3710648.47      176.52305  (18122507)
        437644.80   3710623.67      174.29936  (19051919)                437642.07
3710598.86      159.39503  (19051919)
        437703.36   3710765.06       92.16499  (18041619)                437698.57
3710787.89       97.16791  (18011920)
        437693.79   3710810.71      100.76084  (18011920)                437689.00
3710833.54      109.01147  (18022218)
        437684.22   3710856.36      129.14997  (18022218)                437679.43
3710879.19      152.07759  (19090119)
        437674.64   3710902.01      162.97967  (19091620)                437669.86
3710924.84      163.65878  (19051620)
        437665.07   3710947.67      159.66363  (21042619)                437660.29
3710970.49      152.27879  (17032320)
        437655.50   3710993.32      150.70729  (18022219)                437633.36
3711031.73      149.34328  (20110701)
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437616.01 3711047.31 151.72426 (19022819) 437598.66
3711062.89 153.20590 (21100518)
437581.31 3711078.47 154.09331 (19122917) 437563.96
3711094.06 156.25950 (21092522)
437546.60 3711109.64 159.62317 (19090420) 437529.25
3711125.22 160.71378 (19090420)
437511.90 3711140.81 159.78527 (21122817) 437494.55
3711156.39 176.14048 (20082924)
437477.20 3711171.97 197.39204 (18052223) 437459.84
3711187.55 194.23604 (19120820)
*** AERMOD - VERSION 24142 *** *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc *** 11/21/25
*** AERMET - VERSION 22112 *** ***
*** 07:59:17

PAGE 779
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)
Y-COORD (M) CONC (YYMMDDHH)
- - - -

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3710853.82       93.72896  (18021904)
        437728.39   3710877.23       93.79608  (17030518)                437723.49
3710900.65       99.51871  (18052319)
        437718.58   3710924.06      116.80258  (18052319)                437713.67
3710947.47      134.12938  (21031521)
        437708.76   3710970.88      148.34106  (19020522)                437703.85
3710994.29      144.73295  (17032320)
        437698.94   3711017.70      142.05676  (17021119)                437676.24
3711057.09      142.44637  (20112417)
        437658.44   3711073.08      142.67625  (20080720)                437640.65
3711089.06      145.07474  (17031123)
        437622.85   3711105.04      146.27549  (20102520)                437605.05
3711121.02      146.94872  (21100518)
        437587.25   3711137.01      150.65420  (21091321)                437569.46
3711152.99      148.08574  (19050421)
        437551.66   3711168.97      142.49697  (21082702)                437533.86
3711184.95      153.23420  (21081405)
        437516.07   3711200.93      172.64256  (20082924)                437498.27
3711216.92      186.49564  (18052223)
        437480.47   3711232.90      192.99621  (18052223)                437757.84
3710736.77       68.52284  (19050518)
        437755.11   3710711.96       60.79657  (17030518)                437752.39
3710687.15       57.76251  (19020503)
        437749.66   3710662.35       55.89966  (19123016)                437746.93
3710637.54       55.27202  (17012017)
        437744.20   3710612.73       52.80687  (19040618)                437741.47
3710587.93       49.33969  (19040618)
        437852.14   3710750.18       54.87035  (17030518)                437847.03
3710774.53       57.40072  (17050621)
        437841.93   3710798.88       60.50813  (19040518)                437836.83
3710823.23       66.34984  (17022218)
        437831.72   3710847.57       70.08051  (19021521)                437826.62
3710871.92       78.19392  (19020522)
        437821.51   3710896.27       81.71958  (17030518)                437816.41
3710920.62       82.30949  (17030518)
        437811.30   3710944.96       83.10490  (18051319)                437806.20
3710969.31       85.76483  (18011920)
        437801.09   3710993.66       83.19980  (18051319)                437795.99
3711018.01       84.75863  (18051319)
        437790.88   3711042.35       95.09531  (19051921)                437785.78
3711066.70      112.66206  (17101118)
        437762.17   3711107.67      128.13252  (17111718)                437743.66
3711124.29      128.26566  (20112417)
        437725.15   3711140.91      129.93309  (17012118)                437706.64
3711157.53      132.12353  (20041724)
        437688.13   3711174.16      132.45354  (17010919)                437669.62
3711190.78      128.40663  (17010218)
        437651.11   3711207.40      127.08636  (21122817)                437632.60
3711224.02      126.33966  (18121718)
        437614.10   3711240.64      128.24962  (19010203)                437595.59
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3711257.26   131.43508 (19012018)
        437577.08   3711273.89   141.96739 (21081405)   437558.57
3711290.51   158.49052 (20082924)
        437540.06   3711307.13   170.43415 (21081204)   437521.55
3711323.75   178.14873 (21081204)
        437857.24   3710725.84   46.79191 (17030518)   437854.52
3710701.03   45.84038 (19020503)
        437851.79   3710676.22   43.08049 (19020503)   437849.06
3710651.42   42.88520 (19040618)
        437846.33   3710626.61   40.65941 (19021718)   437843.60
3710601.80   40.61255 (19021718)
        437840.87   3710577.00   38.14887 (19050518)   437951.68
3710738.57   42.02452 (17030518)
        437946.72   3710762.25   45.80622 (17030518)   437941.76
3710785.92   50.04795 (19021521)
        437936.79   3710809.59   51.05158 (21101617)   437931.83
3710833.26   53.02601 (19022102)
        437926.87   3710856.93   59.20161 (17012017)   437921.91
3710880.60   65.61413 (18011920)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437916.94   3710904.27   67.62578 (19020522)   437911.98
3710927.94   69.21680 (18021904)

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        437907.02   3710951.61       71.21212  (17030518)              437902.05
3710975.29       71.81822  (18051319)
        437897.09   3710998.96       73.77904  (18052319)              437892.13
3711022.63       75.89555  (17022218)
        437887.17   3711046.30       74.85948  (18051319)              437882.20
3711069.97       73.57380  (18051319)
        437877.24   3711093.64       73.73053  (18051319)              437872.28
3711117.31       77.99077  (17122017)
        437849.32   3711157.14      109.39722  (19022818)              437831.33
3711173.30      117.55333  (20112417)
        437813.33   3711189.46      117.91042  (19112617)              437795.34
3711205.62      118.81819  (20080720)
        437777.34   3711221.78      119.80699  (17010218)              437759.35
3711237.94      122.05820  (18052003)
        437741.35   3711254.10      122.80006  (21092522)              437723.36
3711270.26      123.36720  (20052621)
        437705.36   3711286.42      125.19101  (21091321)              437687.37
3711302.58      126.12508  (19090420)
        437669.37   3711318.74      125.28880  (20031520)              437651.38
3711334.90      126.13201  (21121217)
        437633.38   3711351.06      127.65033  (21021319)              437615.39
3711367.22      129.26492  (19071602)
        437597.39   3711383.38      131.00401  (17021105)              437579.40
3711399.54      145.17026  (19120820)
        437561.40   3711415.70      155.28116  (17093002)              437956.64
3710714.90       38.65786  (19020517)
        437953.92   3710690.10       35.54610  (19020503)              437951.19
3710665.29       33.84285  (19040618)
        437948.46   3710640.48       32.00325  (19040618)              437945.73
3710615.68       34.35185  (19050518)
        437943.00   3710590.87       30.93743  (19050518)              437940.27
3710566.06       30.59015  (20020818)
        438050.94   3710728.32       47.55769  (18031405)              438045.84
3710752.67       51.14721  (18031405)
        438040.73   3710777.01       43.42976  (18031405)              438035.63
3710801.36       42.64510  (18022218)
        438030.52   3710825.71       45.57588  (17012517)              438025.42
3710850.06       52.08755  (17022218)
        438020.31   3710874.40       57.01976  (17030518)              438015.21
3710898.75       61.44333  (17030518)
        438010.10   3710923.10       65.09362  (19020522)              438005.00
3710947.45       68.73555  (18022218)
        437999.90   3710971.79       67.54823  (17032019)              437994.79
3710996.14       65.48350  (17030518)
        437989.69   3711020.49       66.75547  (18052319)              437984.58
3711044.84       68.55170  (18052319)
        437979.48   3711069.18       67.47273  (18051319)              437974.37
3711093.53       66.36062  (18051319)
        437969.27   3711117.88       65.49634  (18051319)              437964.16
3711142.23       62.59304  (18051319)
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        437959.06   3711166.57       59.84661  (19021918)               437935.45
3711207.54       67.46940  (18121717)
        437916.94   3711224.16       85.39944  (21012218)               437898.43
3711240.79      102.00760  (17012319)
        437879.92   3711257.41      108.59130  (20042624)               437861.41
3711274.03      110.00431  (18052003)
        437842.90   3711290.65      111.03465  (17031123)               437824.39
3711307.27      111.70039  (21123118)
        437805.88   3711323.89      112.37975  (21092522)               437787.37
3711340.52      113.38056  (21032521)
        437768.87   3711357.14      114.19506  (19040222)               437750.36
3711373.76      115.46910  (19090420)
        437731.85   3711390.38      115.10556  (20031318)               437713.34
3711407.00      115.44052  (19012018)
        437694.83   3711423.62      115.96283  (17070722)               437676.32
3711440.25      117.39353  (20012007)
        437657.81   3711456.87      118.61637  (21051406)               437639.30
3711473.49      118.07346  (20050801)
        437620.79   3711490.11      123.51666  (21081405)               437602.29
3711506.73      136.81172  (20050801)
        438056.04   3710703.97       35.81372  (18031405)               438053.32
3710679.16       30.89333  (18022218)
        438050.59   3710654.36       31.03382  (19123016)               438047.86
3710629.55       33.91754  (18123121)
        438045.13   3710604.74       36.69674  (18031405)               438042.40
3710579.94       37.66975  (19123016)
        438039.67   3710555.13       39.55811  (19030918)               438150.45
3710716.86       94.63813  (19051619)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 781
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438145.46	3710740.67	83.88190	(18021902)	438140.46	3710764.49	64.04270	(19021718)
438135.47	3710788.31	44.63747	(18123121)	438130.48	3710812.13	40.71930	(18123121)
438125.48	3710835.95	53.97969	(20020818)	438120.49	3710859.77	56.92144	(18021903)
438115.50	3710883.58	57.34403	(18031405)	438110.50	3710907.40	57.60582	(18011920)
438105.51	3710931.22	59.66933	(19022102)	438100.52	3710955.04	61.39400	(19020522)
438095.52	3710978.86	63.40094	(19020522)	438090.53	3711002.67	62.55402	(19021521)
438085.54	3711026.49	63.02759	(19051921)	438080.54	3711050.31	62.28134	(17032019)
438075.55	3711074.13	61.60123	(18052319)	438070.55	3711097.95	62.52855	(18052319)
438065.56	3711121.77	62.53638	(19051922)	438060.57	3711145.58	60.63704	(18051319)
438055.57	3711169.40	58.72082	(18051319)	438050.58	3711193.22	57.72456	(18051319)
438045.59	3711217.04	56.78692	(18051319)	438022.49	3711257.12	58.15112	(17122017)
438004.38	3711273.38	60.11204	(19022101)	437986.27	3711289.64	65.61031	(18121717)
437968.17	3711305.90	75.40821	(17010919)	437950.06	3711322.16	92.33710	(17010919)
437931.95	3711338.42	100.81893	(18052003)	437913.85	3711354.68	103.65772	(19050623)
437895.74	3711370.94	103.85347	(18052003)	437877.64	3711387.20	104.26733	(20102520)
437859.53	3711403.46	104.63880	(19050220)	437841.42	3711419.72	105.38571	(21092522)
437823.32	3711435.98	106.06474	(19040222)	437805.21	3711452.24	107.15087	(17021106)
437787.10	3711468.50	106.74149	(18091920)	437769.00	3711484.76	106.91510	(18041822)
437750.89	3711501.02	106.98561	(17102823)	437732.78	3711517.28	108.47255	(20042621)
437714.68	3711533.54	109.27985	(21021418)	437696.57	3711549.80	109.62611	(19012018)
437678.46	3711566.06	111.28789	(20012007)	437660.36	3711582.32	116.01531	(21081405)
437642.25	3711598.58	118.62015	(20050801)	438155.45			

3710693.04   105.85232 (19011720)
        438152.72   3710668.23   110.81326 (17121917)   438149.99
3710643.42   111.13940 (21031719)
        438147.26   3710618.62   106.01121 (19021618)   438144.53
3710593.81   91.10378 (18020519)
        438141.80   3710569.00   78.04094 (18050919)   438139.08
3710544.20   68.53531 (18050919)
        438249.74   3710706.45   92.75795 (18092919)   438244.64
3710730.80   98.54327 (19012101)
        438239.53   3710755.15   104.00982 (18041206)   438234.43
3710779.50   104.26696 (19051619)
        438229.32   3710803.84   100.30154 (20052619)   438224.22
3710828.19   88.06270 (20052619)
        438219.11   3710852.54   68.15526 (21042719)   438214.01
3710876.89   39.39483 (18021903)
        438208.91   3710901.23   52.18966 (18031405)   438203.80
3710925.58   56.50328 (20030118)
        438198.70   3710949.93   59.36346 (18011920)   438193.59
3710974.28   60.48715 (19022102)
        438188.49   3710998.62   63.36795 (19020522)   438183.38
3711022.97   64.98506 (18021903)
        438178.28   3711047.32   63.68478 (17032019)   438173.17
3711071.67   62.28622 (19040619)
        438168.07   3711096.01   61.63447 (19051922)   438162.96
3711120.36   62.08897 (19051921)
        438157.86   3711144.71   65.05954 (18052319)   438152.76
3711169.06   65.61944 (19020503)
        438147.65   3711193.40   64.53540 (18011920)   438142.55
3711217.75   61.38718 (18051319)
        438137.44   3711242.10   58.27741 (18051319)   438132.34
3711266.45   55.34716 (17122017)
        438108.72   3711307.41   55.45464 (19022101)   438090.22
3711324.04   58.87756 (18122717)
        438071.71   3711340.66   65.61012 (21012218)   438053.20
3711357.28   71.90150 (19022101)
        438034.69   3711373.90   81.41676 (17012319)   438016.18
3711390.52   90.97854 (20042624)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919

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, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        437997.67   3711407.14       95.56550  (19051821)               437979.16
3711423.77       96.60522  (20041724)
        437960.65   3711440.39       96.78850  (18052003)               437942.14
3711457.01       97.06619  (20102520)
        437923.64   3711473.63       97.57445  (20081322)               437905.13
3711490.25       98.16059  (21092522)
        437886.62   3711506.87       98.83286  (19040222)               437868.11
3711523.50       99.92215  (19090420)
        437849.60   3711540.12       98.91257  (20031520)               437831.09
3711556.74       99.30329  (18041822)
        437812.58   3711573.36       99.64097  (20032303)               437794.07
3711589.98       99.33292  (18050722)
        437775.56   3711606.60      101.44897  (19091922)               437757.06
3711623.23      102.61286  (21021418)
        437738.55   3711639.85      103.40089  (20050801)               437720.04
3711656.47      103.61371  (21090401)
        437701.53   3711673.09      109.91720  (21082702)               437683.02
3711689.71      110.81882  (20050801)
        438254.85   3710682.11       87.64415  (21072522)               438252.12
3710657.30       85.70939  (17082504)
        438249.39   3710632.49       87.77742  (19022024)               438246.66
3710607.69       90.97973  (20102518)
        438243.93   3710582.88       93.91103  (17012318)               438241.20
3710558.07       94.08201  (18122504)
        438238.48   3710533.27       94.30162  (20051119)               438349.23
3710695.09       80.28517  (21042522)
        438344.22   3710719.00       78.09656  (18052001)               438339.21
3710742.91       79.01592  (19012101)
        438334.19   3710766.82       84.72678  (17091321)               438329.18
3710790.74       91.10724  (21100424)
        438324.17   3710814.65       96.39454  (18041206)               438319.15
3710838.56       99.30844  (19051323)
        438314.14   3710862.47       96.50479  (18112917)               438309.13
3710886.39       91.25765  (18090719)
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        438304.11   3710910.30       84.41374  (19092718)               438299.10
3710934.21       69.27208  (18031405)
        438294.09   3710958.13       46.48459  (17022218)               438289.07
3710982.04       47.10541  (18011920)
        438284.06   3711005.95       54.12013  (18060620)               438279.05
3711029.86       60.64562  (17122019)
        438274.03   3711053.78       63.15477  (19020522)               438269.02
3711077.69       64.04600  (18021903)
        438264.01   3711101.60       65.18801  (17032019)               438258.99
3711125.51       66.15739  (17032220)
        438253.98   3711149.43       63.09588  (19051922)               438248.97
3711173.34       61.56526  (17101118)
        438243.95   3711197.25       64.50557  (18052319)               438238.94
3711221.17       65.53710  (19020918)
        438233.93   3711245.08       62.68106  (19020918)               438228.91
3711268.99       55.16164  (18051319)
        438223.90   3711292.90       50.48921  (19051922)               438218.89
3711316.82       50.62400  (18051319)
        438195.69   3711357.05       57.44581  (18021904)               438177.52
3711373.38       66.71283  (17021119)
        438159.34   3711389.70       77.56188  (19022818)               438141.16
3711406.03       81.64615  (19092219)
        438122.98   3711422.35       82.99333  (19021420)               438104.80
3711438.68       84.21580  (19120917)
        438086.62   3711455.00       85.79107  (20042624)               438068.45
3711471.33       87.97887  (19051821)
        438050.27   3711487.65       88.82507  (17010919)               438032.09
3711503.98       90.23891  (19022819)
        438013.91   3711520.30       90.32892  (21072620)               437995.73
3711536.63       91.09146  (18021605)
        437977.55   3711552.95       91.60412  (21032521)               437959.38
3711569.28       92.13753  (21122720)
        437941.20   3711585.60       92.13809  (19051720)               437923.02
3711601.93       92.52726  (20052621)
        437904.84   3711618.25       92.26060  (20031520)               437886.66
3711634.58       92.60685  (20042621)
        437868.48   3711650.90       92.79154  (20031318)               437850.31
3711667.23       92.47188  (17102823)
        437832.13   3711683.55       93.78408  (20012007)               437813.95
3711699.88       95.67995  (18022621)
        437795.77   3711716.20       95.70528  (20050801)               437777.59
3711732.53       96.65949  (21021418)
        437759.41   3711748.85      100.39233  (19120820)               437741.24
3711765.17      105.81978  (19120820)
        437723.06   3711781.50      105.81943  (20050801)               438354.25
3710671.17       83.54569  (21031421)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438351.52	3710646.37	87.05895	(17082504)	438348.79	3710621.56	90.33712	(21072522)
438346.06	3710596.75	92.48228	(17012021)	438343.33	3710571.95	94.11110	(21021818)
438340.61	3710547.14	95.92740	(17012021)	438337.88	3710522.33	96.06883	(18120117)
438448.54	3710684.59	87.71680	(21072522)	438443.44	3710708.94	83.95873	(21042522)
438438.33	3710733.28	78.46992	(17080121)	438433.23	3710757.63	75.02600	(19071521)
438428.12	3710781.98	74.29018	(21100424)	438423.02	3710806.33	74.77000	(17121917)
438417.92	3710830.67	77.47126	(19052002)	438412.81	3710855.02	84.09348	(18092424)
438407.71	3710879.37	90.23981	(17041920)	438402.60	3710903.72	91.94697	(18090719)
438397.50	3710928.06	92.29021	(20012117)	438392.39	3710952.41	91.20584	(19092718)
438387.29	3710976.76	89.08869	(18042404)	438382.18	3711001.11	77.87156	(19051920)
438377.08	3711025.45	43.47614	(18041619)	438371.97	3711049.80	48.27446	(19022102)
438366.87	3711074.15	55.07152	(17122019)	438361.77	3711098.50	55.80136	(17122019)
438356.66	3711122.84	55.25922	(17122019)	438351.56			

3711147.19 61.47045 (17032019)
438346.45 3711171.54 64.26047 (19040619) 438341.35
3711195.89 61.26897 (19040619)
438336.24 3711220.23 57.84447 (17101118) 438331.14
3711244.58 57.47508 (17022218)
438326.03 3711268.93 56.56697 (17022218) 438320.93
3711293.28 56.60901 (18011920)
438315.83 3711317.62 57.35745 (19020918) 438310.72
3711341.97 56.86305 (19020918)
438305.62 3711366.32 53.16873 (18122502) 438282.00
3711407.29 56.89874 (17122017)
438263.49 3711423.91 65.90716 (17122018) 438244.98
3711440.53 73.32011 (19022818)
438226.48 3711457.15 75.90026 (19092219) 438207.97
3711473.77 76.28701 (19092219)
438189.46 3711490.40 77.45916 (21102418) 438170.95
3711507.02 79.36748 (19051821)
438152.44 3711523.64 80.56312 (19050623) 438133.93
3711540.26 82.32628 (17010919)
438115.42 3711556.88 82.90963 (19011717) 438096.91
3711573.50 83.64890 (21123118)
438078.41 3711590.13 84.35156 (18041904) 438059.90
3711606.75 85.34764 (21032521)
438041.39 3711623.37 85.70561 (21091321) 438022.88
3711639.99 86.18953 (21122720)
438004.37 3711656.61 86.39337 (19051720) 437985.86
3711673.23 86.81482 (20052621)
437967.35 3711689.86 86.17536 (20031520) 437948.84
3711706.48 86.49483 (20032303)
437930.33 3711723.10 86.58905 (18012907) 437911.83
3711739.72 86.11360 (20032303)
437893.32 3711756.34 87.46286 (20042621) 437874.81
3711772.96 87.78141 (19091922)
437856.30 3711789.58 89.22205 (19012018) 437837.79
3711806.21 90.08150 (20012007)
437819.28 3711822.83 91.42524 (18052223) 437800.77
3711839.45 96.34374 (19120820)
437782.26 3711856.07 100.80100 (19120820) 437763.75
3711872.69 99.64722 (20050801)
438453.65 3710660.24 90.69245 (17012318) 438450.92
3710635.43 90.96275 (20072119)
438448.19 3710610.63 90.07284 (20030220) 438445.46
3710585.82 89.25627 (17012021)
438442.73 3710561.01 88.55400 (18122504) 438440.01
3710536.21 86.66302 (20083106)
438437.28 3710511.40 85.62649 (19121517) 438548.02
3710673.29 84.03803 (20072119)
438542.99 3710697.27 83.76579 (19041719) 438537.97
3710721.24 82.71305 (19041719)
438532.94 3710745.22 77.52325 (17080121) 438527.91

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        438502.78   3710889.09   71.78998 (18082321)   438497.75
3710913.07   73.96969 (18082322)
        438492.72   3710937.05   75.73242 (18082321)   438487.69
3710961.03   80.12463 (21042520)
        438482.67   3710985.01   85.55934 (21072621)   438477.64
3711008.99   84.97581 (18042404)
        438472.61   3711032.97   73.46558 (20030118)   438467.59
3711056.94   60.34267 (20030118)
        438462.56   3711080.92   45.63332 (18060620)   438457.53
3711104.90   49.06038 (17122019)
        438452.50   3711128.88   57.99080 (19051622)   438447.48
3711152.86   60.29461 (19021521)
        438442.45   3711176.84   61.42251 (18021903)   438437.42
3711200.82   64.00720 (17032220)
        438432.40   3711224.79   64.85890 (19020918)   438427.37
3711248.77   62.58911 (19051923)

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        438422.34   3711272.75       56.78030  (17032019)               438417.31
3711296.73       52.19124  (17022218)
        438412.29   3711320.71       48.77869  (19051921)               438407.26
3711344.69       47.41153  (19020503)
        438402.23   3711368.67       49.19949  (19051921)               438397.21
3711392.64       50.39590  (17081019)
        438392.18   3711416.62       50.10423  (19022102)               438368.92
3711456.97       50.24595  (18021901)
        438350.69   3711473.34       50.64166  (17122017)               438332.47
3711489.71       53.62832  (17021119)
        438314.24   3711506.08       60.27944  (19021419)               438296.01
3711522.45       66.89908  (19022101)
        438277.78   3711538.82       69.35651  (21010317)               438259.55
3711555.19       70.79992  (21010317)
        438241.32   3711571.56       71.96135  (20042624)               438223.09
3711587.93       73.51868  (20021819)
        438204.87   3711604.30       76.01208  (19050623)               438186.64
3711620.67       77.50358  (18011921)
        438168.41   3711637.04       78.21086  (17010919)               438150.18
3711653.41       79.09127  (18020618)
        438131.95   3711669.78       80.17715  (18110923)               438113.72
3711686.15       80.44639  (18020618)
        438095.50   3711702.52       81.23397  (20052621)               438077.27
3711718.89       81.51154  (19090420)
        438059.04   3711735.26       81.74705  (19040222)               438040.81
3711751.63       82.00946  (19072504)
        438022.58   3711768.00       82.10514  (18040424)               438004.35
3711784.37       82.05800  (20031221)
        437986.13   3711800.74       81.73068  (18041822)               437967.90
3711817.11       81.95751  (21121217)
        437949.67   3711833.48       82.71882  (21051406)               437931.44
3711849.85       83.57846  (17072004)
        437913.21   3711866.22       83.91371  (17021024)               437894.98
3711882.59       82.57627  (21090120)
        437876.75   3711898.96       84.49890  (17021105)               437858.53
3711915.33       86.75520  (18052223)
        437840.30   3711931.70       92.85795  (19120820)               437822.07
3711948.07       95.88327  (19071602)
        437803.84   3711964.44       95.94230  (20050801)               438553.05
3710649.31       82.77547  (20072119)
        438550.32   3710624.50       78.49950  (18122503)               438547.59
3710599.69       74.11191  (20083106)
        438544.86   3710574.89       69.43641  (17073105)               438542.13
3710550.08       67.58991  (21090924)
        438539.41   3710525.27       66.99233  (18122503)               438536.68
3710500.47       68.23526  (19040220)
        438647.34   3710662.72       70.48660  (21062405)               438642.24
3710687.07       74.23073  (21031719)
        438637.13   3710711.42       76.62133  (21072522)               438632.03
3710735.77       78.56423  (21042522)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438555.46	3711100.98	60.37952	(18092920)	438550.36	3711125.33	54.99782	(19051622)
438545.25	3711149.67	49.87697	(21111717)	438540.15	3711174.02	45.81513	(18021903)
438535.04	3711198.37	42.64813	(17032019)	438529.94	3711222.72	49.46236	(17032220)
438524.84	3711247.06	58.46648	(17020519)	438519.73			

3711271.41 61.35542 (19090119)
438514.63 3711295.76 61.20975 (19090119) 438509.52
3711320.11 61.14220 (17022218)
438504.42 3711344.45 61.20693 (17101118) 438499.31
3711368.80 58.67134 (18022222)
438494.21 3711393.15 55.92845 (18052319) 438489.10
3711417.50 55.36482 (18052319)
438484.00 3711441.84 53.73610 (21042619) 438478.89
3711466.19 51.62088 (17081019)
438455.28 3711507.16 49.23356 (17122017) 438436.77
3711523.78 48.85787 (17122017)
438418.26 3711540.40 49.15866 (19022818) 438399.75
3711557.02 51.05824 (18122117)
438381.25 3711573.65 56.61899 (17122018) 438362.74
3711590.27 64.07405 (21102418)
438344.23 3711606.89 69.54291 (21030919) 438325.72
3711623.51 71.33839 (21030919)
438307.21 3711640.13 71.14130 (17021119) 438288.70
3711656.75 72.02113 (20101718)
438270.19 3711673.38 73.11518 (17010919) 438251.68
3711690.00 73.11755 (19011717)
438233.17 3711706.62 73.37871 (19122917) 438214.67
3711723.24 74.14173 (18041904)
438196.16 3711739.86 75.02928 (18041904) 438177.65
3711756.48 76.00141 (20011619)
438159.14 3711773.11 76.36611 (20052621) 438140.63
3711789.73 76.92607 (21031019)
438122.12 3711806.35 77.14459 (21042501) 438103.61
3711822.97 77.59619 (18021605)
438085.10 3711839.59 77.38130 (19050421) 438066.60
3711856.21 77.70219 (20031221)
438048.09 3711872.84 77.22246 (18041822) 438029.58
3711889.46 77.32855 (17070722)
438011.07 3711906.08 78.12199 (21070106) 437992.56
3711922.70 77.99241 (20042621)
437974.05 3711939.32 79.53043 (21051406) 437955.54
3711955.94 78.95181 (21121217)
437937.03 3711972.57 79.96451 (21082702) 437918.52
3711989.19 80.52760 (20112420)
437900.02 3712005.81 85.55038 (21081204) 437881.51
3712022.43 90.02092 (21081204)
437863.00 3712039.05 92.13964 (19071602) 437844.49
3712055.67 93.22498 (21081204)
438652.45 3710638.38 67.22434 (17073105) 438649.72
3710613.57 65.44050 (20083106)
438646.99 3710588.76 64.17711 (17012021) 438644.26
3710563.96 62.78734 (17032224)
438641.54 3710539.15 62.97367 (20083106) 438638.81
3710514.34 63.48228 (19040220)
438636.08 3710489.54 65.69908 (20051119) 438746.81

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)

- - - -

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        437921.14   3712114.58       80.74009  (21082702)                437902.88
3712130.98       86.22060  (21090401)
        437884.61   3712147.38       88.22043  (19071304)                438751.85
3710627.44       59.89110  (17073105)
        438749.12   3710602.64       58.78249  (17012318)                438746.39
3710577.83       59.43375  (17040819)
        438743.66   3710553.02       58.71573  (20031118)                438740.94
3710528.22       58.77764  (17012021)
        438738.21   3710503.41       59.80751  (20022618)                438735.48
3710478.60       60.62927  (17021822)
        437306.53   3710616.73      356.11199  (19122417)                437313.98
3710595.52      352.83533  (17022318)
        437321.42   3710574.31      347.85240  (18122506)                437361.16
3710612.07      299.69012  (19040518)
        437368.60   3710590.86      298.65451  (18122506)                437415.78
3710607.42      253.13712  (20012117)
        437433.19   3710708.81      222.44848  (19111817)                437480.37
3710725.37      211.05373  (18070106)
        437582.17   3710737.27      196.29244  (18092920)                437676.53
3710770.38      130.08854  (18011920)
        437683.97   3710749.17      132.74880  (18021903)                437716.27
3710808.14       93.87275  (17030518)
        437723.71   3710786.93       89.96932  (17030518)                438595.27
3711021.29       78.80871  (17040820)
        438674.75   3711096.83       76.39667  (17030318)                438682.19
3711075.62       73.47978  (18042404)
        437329.33   3710551.33      336.89583  (20030220)                437337.14
3710528.63      322.10066  (18122503)
        437344.96   3710505.93      310.76922  (20030220)                437352.77
3710483.23      299.48452  (17051120)
        437376.61   3710567.60      292.95011  (18050919)                437384.42
3710544.90      280.56346  (18050919)
1 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                 PAGE 787
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437392.23	3710522.20	265.13826	(19012102)	437400.05	3710499.51	254.47598	(21122603)
437423.89	3710583.87	259.79302	(18122503)	437431.70	3710561.17	257.67129	(20022618)
437439.51	3710538.48	247.03327	(17021619)	437447.32	3710515.78	224.87264	(21012006)
437471.16	3710600.14	233.74192	(18052001)	437478.98	3710577.45	235.70143	(18050919)
437486.79	3710554.75	213.20573	(19012101)	437494.60	3710532.05	146.04946	(19012102)
437518.44	3710616.42	219.52553	(19041719)	437526.25	3710593.72	217.44021	(18050919)
437534.07	3710571.02	208.01255	(18122503)	437541.88	3710548.33	141.61307	(20030220)
437589.16	3710564.60	122.63158	(18020519)	437620.81	3710626.27	185.93356	(19051919)
437723.18	3710636.11	57.88035	(17012017)	437770.46	3710652.39	53.72386	(17012017)
437778.27	3710629.69	49.76955	(19040618)	437872.82	3710662.24	41.16924	(19040618)
438345.60	3710824.97	93.74525	(17091321)	438432.34	3710880.21	87.31832	(18082321)
438440.16	3710857.51	81.10068	(20123124)	438511.27	3710958.15	79.09739	(21042520)
438519.09	3710935.45	74.06335	(19010718)	438526.90	3710912.76	70.47934	(18082322)
438534.71	3710890.06	67.95011	(20040803)	438605.83	3710990.70	78.30305	(17081721)
438613.64	3710968.00	80.45233	(17032223)	438621.46	3710945.30	77.06619	(18031719)
438629.27	3710922.61	70.98786	(18082322)	438692.57	3711045.94	69.18263	(21042520)
438700.39	3711023.24	70.51039	(17070621)	438708.20	3711000.55	73.24574	(21010117)
438716.01	3710977.85	72.18067	(19080105)	438723.82	3710955.15	68.35167	(18092424)
437354.00	3710454.83	305.00144	(17012020)	437343.58	3710413.15	291.29880	(21051319)
437401.68	3710461.64	240.71067	(19012103)	437397.29			

3710421.87   247.85387 (18021907)
        437450.09   3710451.88   125.71682 (21012507)   437445.80
3710409.74   137.22750 (19012105)
        437498.70   3710437.39   100.95863 (21012507)   437497.06
3710475.25   98.93075 (21122408)
        437494.31   3710397.61   101.58582 (19123016)   437547.15
3710426.61   84.74949 (20101417)
        437545.39   3710467.18   83.19327 (20101417)   437543.64
3710507.75   78.59303 (19060218)
        437542.82   3710385.49   84.09542 (20101417)   437595.61
3710415.50   71.84275 (21012519)
        437593.77   3710458.10   69.54279 (20101417)   437591.92
3710500.70   65.96729 (19060218)
        437591.32   3710373.36   70.56893 (20101417)   437644.18
3710401.95   62.45298 (21012519)
        437642.46   3710441.71   61.39647 (21012518)   437640.74
3710481.47   56.93037 (19060218)
        437639.02   3710521.23   58.08445 (19021718)   437637.29
3710560.99   62.65239 (17012017)
        437639.83   3710361.23   60.32340 (21012517)   437692.65
3710390.60   54.25177 (21101617)
        437690.86   3710431.91   54.00303 (21012518)   437689.08
3710473.22   49.81234 (20020818)
        437687.29   3710514.53   51.29255 (19021718)   437685.50
3710555.84   53.35414 (19021718)
        437688.34   3710349.11   53.82434 (17042018)   437741.13
3710379.12   47.78734 (21012517)
        437739.29   3710421.72   47.79477 (21012518)   437737.44
3710464.32   43.91204 (21012507)
        437735.60   3710506.92   44.25153 (21021017)   437733.76
3710549.52   45.86221 (18021903)
        437736.84   3710336.98   46.81880 (19021722)   437789.68
3710365.98   43.56639 (21012517)
        437787.93   3710406.55   41.88933 (21012517)   437786.17
3710447.12   39.89148 (20020818)
        437784.41   3710487.69   40.17438 (21021017)   437782.66
3710528.26   40.38161 (19122417)
        437780.90   3710568.83   43.67340 (19050518)   437785.35
3710324.85   41.68365 (18121016)
        437886.65   3710342.74   35.02289 (19123016)   437884.81
3710385.34   35.00627 (21012517)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437882.97   3710427.94   32.66667 (18020519)   437881.12
3710470.54   32.87177 (18020519)
        437879.28   3710513.14   33.81960 (19021718)   437877.43
3710555.74   34.12486 (19122417)
        437875.59   3710598.34   38.21921 (19021718)   437882.37
3710300.60   32.87875 (18121016)
        437983.68   3710318.11   27.73029 (18122507)   437981.87
3710359.96   27.43744 (21012519)
        437980.06   3710401.82   28.83074 (18122507)   437978.25
3710443.67   29.74852 (19012101)
        437976.44   3710485.52   34.25380 (18020519)   437974.63
3710527.37   34.33224 (18021902)
        437972.81   3710569.23   30.39465 (18021902)   437971.00
3710611.08   31.56979 (19050518)
        437979.38   3710276.35   78.26188 (20051319)   438080.71
3710293.59   114.98965 (21121420)
        438078.92   3710334.89   102.17770 (19021720)   438077.13
3710376.20   51.56594 (21121417)
        438075.35   3710417.51   23.38168 (18020519)   438073.56
3710458.82   22.96560 (17012018)
        438071.77   3710500.13   23.73778 (19012101)   438069.98
3710541.44   24.53063 (18021902)
        438068.19   3710582.75   25.65061 (20020818)   438076.39
3710252.09   113.41916 (21120817)
        438177.70   3710269.98   105.03477 (18041601)   438175.85
3710312.58   100.07974 (21110918)
        438174.01   3710355.18   100.37990 (17011819)   438172.16
3710397.78   106.65349 (19030223)
        438170.32   3710440.38   100.53778 (20022618)   438168.48
3710482.98   92.61443 (21121417)

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        438166.63   3710525.58       91.52400  (19021719)               438164.79
3710568.18       91.71317  (19021719)
        438173.41   3710227.84      107.16164  (19050519)               438274.72
3710245.46       92.35476  (18112217)
        438272.90   3710287.54       96.01182  (17051120)               438271.08
3710329.61       99.11153  (19101218)
        438269.26   3710371.68       98.32813  (19101218)               438267.44
3710413.76       95.21477  (18031507)
        438265.62   3710455.83       91.06693  (17092423)               438263.79
3710497.90       89.74463  (18122504)
        438261.97   3710539.98       88.08931  (21082101)               438270.42
3710203.58       92.27863  (19050519)
        438371.75   3710221.00       90.53513  (21121420)               438369.94
3710262.65       91.19860  (19040519)
        438368.14   3710304.30       92.71085  (19101218)               438366.34
3710345.96       92.20861  (20051221)
        438364.53   3710387.61       90.96118  (18031507)               438362.73
3710429.26       89.88638  (21060920)
        438360.93   3710470.92       92.12218  (21020919)               438359.12
3710512.57       95.20032  (20051119)
        438367.44   3710179.33       89.15230  (20051319)               438468.74
3710197.22       86.49510  (17041419)
        438466.89   3710239.82       85.79898  (18041622)               438465.05
3710282.42       87.24878  (19101218)
        438463.21   3710325.02       86.54171  (17051719)               438461.36
3710367.62       82.71562  (21040303)
        438459.52   3710410.22       77.56575  (17021821)               438457.67
3710452.82       74.87774  (17081803)
        438455.83   3710495.42       77.78687  (19051924)               438464.45
3710155.08       83.90919  (20051120)
        438565.76   3710172.76       76.73614  (19121317)               438563.94
3710214.95       80.73857  (21042420)
        438562.11   3710257.15       81.97133  (19052001)               438560.28
3710299.34       79.67182  (19052001)
        438558.46   3710341.54       80.43986  (17032620)               438556.63
3710383.73       80.26052  (17021821)
        438554.80   3710425.92       76.54664  (17092423)               438552.98
3710468.12       70.19960  (18070122)
        438536.54   3710847.87       66.81972  (21100424)               438561.47
3710130.82       70.26559  (20051220)
        438662.78   3710148.34       65.08825  (19121317)               438660.97
3710190.19       70.01042  (21110918)
        438659.16   3710232.04       75.21284  (17011819)               438657.35
3710273.89       74.18396  (17051719)
        438655.54   3710315.75       69.75703  (17012303)               438653.73
3710357.60       68.03102  (21020919)
        438651.91   3710399.45       70.49687  (20122117)               438650.10
3710441.30       68.16635  (20062006)
        438631.99   3710859.83       64.31752  (18041206)               438658.48
3710106.57       66.70150  (20051220)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438759.78	3710124.46	60.66121	(21042420)	438757.94	3710167.06	60.44344	(17011819)
438756.09	3710209.66	62.93162	(21121420)	438754.25	3710252.26	66.70623	(18021618)
438752.41	3710294.86	67.94111	(17012303)	438750.56	3710337.46	64.75100	(18071902)
438748.72	3710380.05	61.75195	(17021821)	438746.87	3710422.65	60.97662	(18012004)
438728.43	3710848.65	66.20530	(18100919)	438726.59	3710891.25	61.26199	(20040803)
438755.49	3710082.32	61.71855	(17050822)	437346.05	3710385.82	260.84633	(19021722)
437396.03	3710387.04	245.41150	(21051319)	437446.52	3710367.92	149.56258	(19012103)
437496.50	3710369.14	96.22212	(20101417)	437995.36	3710422.03	28.48449	(19012101)
437996.35	3710381.35	26.73257	(21012518)	438094.83	3710444.81	23.45913	(19012101)
438095.82	3710404.13	50.91951	(18101218)	438194.80	3710447.25	104.37684	(17021821)
438195.80	3710406.57	102.79285	(21040303)	438294.77			

3710449.69 96.93096 (18120117)
438295.77 3710409.01 96.87075 (17080201) 438394.74
3710452.13 91.25739 (19051924)
438395.74 3710411.45 90.29502 (20051819) 438494.71
3710454.57 70.04500 (20062303)
438495.71 3710413.89 75.24627 (21020919) 438594.68
3710457.01 70.66324 (17081803)
438595.68 3710416.33 76.06385 (17092423) 438694.65
3710459.46 63.30418 (19012023)
438695.65 3710418.78 65.86811 (19081302) 438794.62
3710461.90 57.82071 (17070720)
438795.62 3710421.22 57.48435 (17081803) 437341.85
3710350.28 238.00192 (18041718)
437325.75 3710319.20 251.36436 (19102017) 437302.93
3710287.45 270.76555 (20033118)
437382.46 3710321.10 205.24058 (17012020) 437391.84
3710351.50 237.25249 (19012105)
437366.35 3710290.02 192.02307 (20090918) 437343.53
3710258.27 201.26597 (19040118)
437424.00 3710294.96 184.63356 (17012020) 437435.26
3710331.44 180.47913 (19012105)
437406.96 3710260.84 147.84129 (19122116) 437384.14
3710229.09 157.42215 (18040818)
437464.33 3710264.91 141.74492 (18021907) 437475.05
3710299.66 118.91994 (21020617)
437485.78 3710334.40 102.04463 (21012519) 437447.56
3710231.67 121.66614 (21122216)
437424.74 3710199.91 130.59154 (18040818) 437504.78
3710235.25 101.72521 (19012817)
437515.21 3710269.03 87.30046 (21122216) 437525.64
3710302.81 89.27234 (21012519)
437536.06 3710336.58 83.73381 (19021722) 437488.16
3710202.49 116.92092 (21120418)
437465.34 3710170.73 106.70724 (20090918) 437545.80
3710207.42 82.43636 (21122216)
437557.06 3710243.90 76.31006 (21012519) 437568.32
3710280.38 77.90976 (17042018)
437579.58 3710316.86 71.09743 (19012817) 437528.76
3710173.31 87.92473 (21122216)
437505.94 3710141.55 90.28938 (17101217) 437586.25
3710177.74 71.05347 (21122216)
437597.20 3710213.20 67.90907 (21012519) 437608.14
3710248.67 67.33644 (19021722)
437619.09 3710284.14 62.51512 (19012817) 437630.04
3710319.60 62.37059 (19020617)
437569.37 3710144.13 71.88414 (18040818) 437546.55
3710112.37 77.31848 (17101217)
437626.74 3710148.20 61.80668 (21122216) 437637.46
3710182.94 59.64176 (21012507)
437648.19 3710217.68 58.10648 (21020617) 437658.91

3710252.42   55.08582 (19012817)
        437669.63   3710287.17   55.79536 (19020617)   437680.36
3710321.91   54.04137 (21012517)
        437609.97   3710114.95   62.10487 (19012817)   437587.15
3710083.19   67.12581 (17101217)
        437667.61   3710119.88   52.82762 (18020117)   437678.87
3710156.36   54.16742 (19021722)
        437690.13   3710192.84   50.57930 (21020617)   437701.39
3710229.32   47.62170 (21122408)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437712.65   3710265.80   48.99591 (19020617)   437723.91
3710302.28   49.12717 (21012517)
        437650.57   3710085.77   54.40179 (19012817)   437627.75
3710054.01   58.66945 (21122216)
        437708.10   3710090.35   47.22695 (19021722)   437719.14
3710126.11   48.26457 (19012817)
        437730.18   3710161.88   45.61703 (21020617)   437741.22
3710197.64   43.12342 (20110822)
        437752.26   3710233.41   44.21743 (19020617)   437763.30
3710269.17   44.57578 (21012517)
        437774.33   3710304.94   42.59358 (17042018)   437691.17
3710056.59   48.03411 (19012817)

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        437668.35   3710024.83       52.26363  (18040818)                437789.42
3710032.35       37.74907  (21012519)
        437800.68   3710068.83       38.44959  (18041718)                437811.94
3710105.31       36.49098  (20110822)
        437823.20   3710141.79       35.85384  (17042018)                437834.46
3710178.27       35.90457  (19020617)
        437845.71   3710214.75       36.54195  (17042018)                437856.97
3710251.23       35.03428  (17042018)
        437772.38   3709998.23       38.36122  (19012817)                437749.56
3709966.48       40.76821  (18040818)
        437870.70   3709974.25       32.99016  (21012507)                437882.13
3710011.26       42.38017  (20110822)
        437893.55   3710048.27       41.32776  (17012020)                437904.97
3710085.28       39.91722  (19012103)
        437916.39   3710122.29       63.21201  (21012506)                437927.82
3710159.30       82.30754  (21120217)
        437939.24   3710196.30       83.49222  (21012507)                437950.66
3710233.31       79.31426  (21012507)
        437853.58   3709939.87       32.30109  (19021722)                437830.76
3709908.12       32.73539  (21040418)
        437951.76   3709915.40       45.07141  (21012505)                437962.88
3709951.43       48.25892  (18021918)
        437974.00   3709987.46       49.22449  (21120217)                437985.12
3710023.49       59.55257  (21120217)
        437996.24   3710059.52       70.68362  (21120217)                438007.36
3710095.55       75.20624  (21051319)
        438018.48   3710131.58       93.67372  (19051901)                438029.60
3710167.61      108.15662  (19012103)
        438040.72   3710203.64      117.82105  (19050519)                438051.84
3710239.67      119.75812  (19050119)
        438062.96   3710275.70      117.21332  (19032719)                437934.79
3709881.51       27.74606  (21122216)
        437911.97   3709849.76       28.22303  (21121717)                438033.03
3709857.27       42.01246  (18021907)
        438044.29   3709893.75       50.83805  (21120317)                438055.55
3709930.23       71.31976  (21012505)
        438066.81   3709966.71       91.55512  (17030619)                438078.07
3710003.19       98.25590  (17091322)
        438089.33   3710039.67       99.70403  (17091322)                438100.59
3710076.15      103.00355  (20032521)
        438111.85   3710112.63      111.93809  (20032523)                438123.11
3710149.11      110.74057  (21061019)
        438134.37   3710185.59      109.59796  (19032719)                438145.63
3710222.07      108.97367  (19050119)
        438156.88   3710258.55      106.07335  (17041419)                438015.99
3709823.15       26.36768  (19040118)
        437993.17   3709791.40       24.82557  (19021722)                438114.29
3709799.09       41.27558  (18021918)
        438125.67   3709835.94       48.12901  (19021722)                438137.04
3709872.79       54.90665  (21022218)
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        438148.41   3709909.64       60.83743  (21022218)               438159.79
3709946.49       70.20869  (21051319)
        438171.16   3709983.34       79.24280  (21120119)               438182.53
3710020.19       81.72558  (20032521)
        438193.91   3710057.03       85.15944  (19051901)               438205.28
3710093.88       87.15239  (19021020)
        438216.65   3710130.73       90.42851  (18022419)               438228.02
3710167.58       93.02189  (19032719)
        438239.40   3710204.43       94.18762  (19032719)               438250.77
3710241.28       95.32139  (19050119)
        438284.89   3710351.82       98.63119  (20051221)               438097.20
3709764.79       36.76147  (21012505)
        438074.38   3709733.04       26.66286  (21020218)               438195.55
3709740.89       53.58692  (21010417)
        438207.01   3709778.04       64.03565  (18120123)               438218.48
3709815.20       71.65798  (19022318)
        438229.95   3709852.36       70.12569  (19012103)               438241.42
3709889.51       72.43197  (20032521)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 791
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438252.89   3709926.67       84.47281  (17091322)               438264.35
3709963.82       88.47468  (17091322)
        438275.82   3710000.98       89.52407  (21012506)               438287.29
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3710038.13 87.53768 (21120119)
438298.76 3710075.29 91.33789 (17041621) 438310.22
3710112.44 91.25797 (19050119)
438321.69 3710149.60 90.25214 (18030221) 438333.16
3710186.76 89.33002 (19032719)
438344.63 3710223.91 90.19588 (20051220) 438390.50
3710372.53 91.08704 (17051719)
438178.40 3709706.43 37.07779 (21121117) 438155.58
3709674.68 34.86153 (20121517)
438276.65 3709682.19 58.92270 (21120419) 438287.91
3709718.67 81.49418 (19022318)
438299.17 3709755.15 86.18434 (20011217) 438310.43
3709791.63 87.63273 (19021603)
438321.68 3709828.11 88.09836 (19022023) 438332.94
3709864.59 88.48889 (21120119)
438344.20 3709901.07 86.43104 (20051820) 438355.46
3709937.55 83.86502 (21120119)
438366.72 3709974.03 82.31220 (21041520) 438377.98
3710010.51 82.98446 (19040520)
438389.24 3710046.99 81.68934 (21061019) 438400.50
3710083.47 83.25329 (19072920)
438411.76 3710119.95 86.26160 (21082720) 438423.02
3710156.43 88.34104 (20051120)
438434.28 3710192.91 87.31308 (17041419) 438445.54
3710229.39 86.77143 (18112217)
438484.94 3710357.07 83.84738 (18051006) 438259.61
3709648.07 42.32990 (21010417)
438236.79 3709616.32 40.32460 (17012022) 438357.90
3709623.97 56.90328 (21120419)
438369.24 3709660.74 54.81346 (21120317) 438380.59
3709697.50 61.54315 (19022318)
438391.94 3709734.26 71.47244 (20021021) 438403.28
3709771.03 77.53056 (21121617)
438414.63 3709807.79 83.74900 (17110218) 438425.97
3709844.55 83.22850 (17080305)
438437.32 3709881.31 79.64515 (19021619) 438448.67
3709918.08 73.59170 (19062220)
438460.01 3709954.84 72.22699 (17010923) 438471.36
3709991.60 71.85233 (17071421)
438482.71 3710028.37 73.18176 (20032420) 438494.05
3710065.13 74.33327 (21061019)
438505.40 3710101.89 72.87173 (18022419) 438516.75
3710138.65 75.04505 (18112217)
438528.09 3710175.42 80.72846 (20051220) 438539.44
3710212.18 82.31302 (18041601)
438573.48 3710322.47 78.30802 (17032620) 438584.83
3710359.23 77.63876 (17080201)
438340.81 3709589.72 55.96512 (19120621) 438317.99
3709557.96 53.24548 (17011318)
438439.14 3709565.74 71.76482 (21022618) 438450.56

3709602.75   74.97794 (18120123)
        438461.98   3709639.76   74.35089 (20011217)   438473.41
3709676.76   69.65925 (20050219)
        438484.83   3709713.77   65.20190 (19022023)   438496.25
3709750.78   68.10484 (21092618)
        438507.67   3709787.79   71.44024 (21051223)   438519.10
3709824.80   75.50145 (21120217)
        438530.52   3709861.81   79.25816 (20032919)   438541.94
3709898.82   80.77333 (18041623)
        438553.36   3709935.83   80.63204 (19071519)   438564.79
3709972.83   80.29370 (21061019)
        438576.21   3710009.84   79.28924 (18030221)   438587.63
3710046.85   76.38050 (19090819)
        438599.05   3710083.86   69.29755 (19121317)   438610.47
3710120.87   67.19164 (20051220)
        438621.90   3710157.88   68.71980 (21072606)   438633.32
3710194.89   73.88103 (18041601)
        438679.01   3710342.92   66.24386 (18021618)   438690.43
3710379.93   65.70727 (17021821)
        438422.02   3709531.36   70.46970 (21042819)   438399.20
3709499.60   70.70197 (21090721)
        438520.38   3709507.49   72.09453 (20041921)   438531.87
3709544.71   71.07453 (20041921)
        438543.35   3709581.94   72.72452 (21113017)   438554.84
3709619.16   73.95858 (21113017)
        438566.33   3709656.39   73.45932 (17021820)   438577.82
3709693.61   73.83649 (20030319)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438589.31	3709730.83	74.99958	(18092519)	438600.80	3709768.06	75.70091	(17110218)
438612.29	3709805.28	74.09127	(17091322)	438623.78	3709842.51	70.87967	(21091820)
438635.27	3709879.73	71.75492	(19011217)	438646.76	3709916.96	74.66338	(21062420)
438658.24	3709954.18	75.63400	(17041621)	438669.73	3709991.41	74.82231	(20032419)
438681.22	3710028.63	73.54812	(19090819)	438692.71	3710065.86	71.55962	(19052004)
438704.20	3710103.08	67.56155	(18041601)	438715.69	3710140.30	63.11644	(17032022)
438727.18	3710177.53	62.49714	(17062002)	438773.13	3710326.43	65.44426	(17080201)
438784.62	3710363.65	61.64675	(18031507)	438503.22	3709473.00	71.99148	(21102420)
438480.40	3709441.24	72.46063	(21072723)	437273.32	3710263.86	264.83251	(20020717)
437239.83	3710241.54	225.80726	(21013117)	437317.80	3710233.42	202.94951	(20020717)
437284.31	3710211.10	184.84188	(20082918)	437250.82	3710188.77	168.09775	(21020117)
437358.40	3710204.24	158.52447	(20020717)	437328.79	3710180.66	159.85941	(20041418)
437295.30	3710158.33	144.51580	(17010316)	437386.13	3710162.64	133.83263	(20020717)
437356.52	3710139.05	130.29103	(20041418)	437323.03	3710116.73	116.85112	(17010316)
437413.87	3710121.04	114.50170	(20020717)	437439.60	3710145.88	110.55550	(19040118)
437384.25	3710097.45	109.02062	(20041418)	437350.76	3710075.13	99.29529	(19101917)
437441.60	3710079.43	98.85421	(20020717)	437467.34	3710104.28	92.96404	(19040118)
437411.99	3710055.85	93.16580	(20041418)	437378.50	3710033.52	85.49264	(18120916)
437469.33	3710037.83	86.57067	(20020717)	437495.07	3710062.68	79.40189	(19040118)
437520.81	3710087.53	83.41661	(18040818)	437439.72	3710014.24	80.76370	(20041418)
437406.23	3709991.92	75.44664	(17040418)	437497.07	3709996.23	76.70707	(20020717)
437522.81	3710021.07	68.75487	(19040118)	437548.54	3710045.92	73.72826	(19040118)

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        437467.45   3709972.64       70.63775  (20041418)               437433.96
3709950.31       67.49532  (17040418)
        437526.41   3709956.18       67.96188  (20020717)               437555.36
3709984.13       61.01966  (19040118)
        437584.32   3710012.08       65.07828  (20090918)               437495.19
3709931.04       62.85935  (17040418)
        437461.70   3709908.71       60.44500  (19101917)               437553.96
3709914.40       61.23759  (20020717)
        437582.56   3709942.01       54.15641  (17101217)               437611.16
3709969.62       57.89696  (19040118)
        437639.76   3709997.23       55.47519  (21020617)               437522.92
3709889.43       56.68323  (17040418)
        437489.43   3709867.11       54.03465  (19101917)               437609.17
3709830.94       50.45944  (20033118)
        437637.25   3709858.05       43.61218  (20041518)               437665.33
3709885.16       46.20889  (17101217)
        437693.40   3709912.26       45.20936  (19012717)               437721.48
3709939.37       44.64641  (17101217)
        437578.39   3709806.23       45.68947  (18020117)               437544.90
3709783.90       43.77818  (19101917)
        437664.46   3709747.56       41.60545  (20033118)               437692.18
3709774.32       36.75453  (20020717)
        437719.89   3709801.08       38.07794  (17101217)               437747.61
3709827.84       39.18825  (17101217)
        437775.33   3709854.60       37.37407  (21020617)               437803.05
3709881.36       36.00357  (17101217)
        437633.86   3709723.02       37.16302  (18020117)               437600.37
3709700.69       36.00428  (19101917)
        437719.79   3709664.23       34.18638  (20041418)               437747.25
3709690.73       31.58001  (20020717)
        437774.70   3709717.24       31.70874  (17101217)               437802.15
3709743.74       32.46273  (18041718)
        437829.61   3709770.24       30.84882  (19122116)               437857.06
3709796.75       31.90941  (17101217)
        437884.52   3709823.25       29.62698  (18040818)               437689.32
3709639.81       30.64261  (18020117)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 793
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
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L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437655.83	3709617.49	30.00607	(19101917)	437776.01	3709581.74	28.49887	(17040418)
437804.97	3709609.70	27.00441	(20020717)	437833.92	3709637.65	26.94158	(17101217)
437862.88	3709665.61	27.74537	(18041718)	437891.83	3709693.56	26.80724	(19122116)
437920.79	3709721.51	27.68769	(21020617)	437949.74	3709749.47	25.78694	(17101217)
437744.79	3709556.61	25.57474	(18020117)	437711.30	3709534.28	25.69809	(20082918)
437831.30	3709498.36	24.79890	(18020117)	437859.90	3709525.97	23.40119	(17040418)
437888.50	3709553.58	23.25938	(20041518)	437917.09	3709581.19	24.37691	(17101217)
437945.69	3709608.80	23.75033	(19122116)	437974.29	3709636.41	23.20598	(19122116)
438002.88	3709664.02	23.62533	(17101217)	438031.48	3709691.63	22.81858	(21121718)
437800.26	3709473.40	21.56367	(18020117)	437766.77	3709451.07	21.89766	(20082918)
437886.62	3709415.02	21.12460	(18020117)	437914.94	3709442.35	20.76636	(17040418)
437943.25	3709469.69	20.53994	(20041518)	437971.56	3709497.02	21.01097	(17101217)
437999.87	3709524.35	21.19252	(19122116)	438028.18	3709551.68	21.01588	(21121718)
438056.49	3709579.02	21.24590	(21121718)	438084.80	3709606.35	23.35411	(21011317)
438113.12	3709633.68	33.07800	(21121718)	437855.72	3709390.19	18.90047	(21011417)
437822.23	3709367.87	18.82923	(20082918)	437941.97	3709331.70	18.17132	(18020117)
437970.05	3709358.81	18.57281	(17040418)	437998.13	3709385.91	18.20266	(20041518)
438026.21	3709413.02	18.57562	(19122116)	438054.28			

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3709440.13       18.87037  (19102017)
        438082.36   3709467.23       19.04162  (19122116)                438110.44
3709494.34       19.21509  (19040118)
        438138.52   3709521.45       24.23580  (20120217)                438166.59
3709548.55       31.60273  (18021207)
        438194.67   3709575.66       36.50849  (21120319)                437911.19
3709306.98       17.28284  (21011417)
        437877.70   3709284.66       16.58777  (17120117)                437997.34
3709248.40       15.73062  (18020117)
        438025.23   3709275.32       16.67099  (17040418)                438053.11
3709302.24       16.23357  (20041518)
        438080.99   3709329.15       17.23634  (19021723)                438108.87
3709356.07       17.20060  (19122116)
        438136.76   3709382.99       17.39186  (19122116)                438164.64
3709409.91       17.19182  (19122116)
        438192.52   3709436.83       22.43514  (21022318)                438220.40
3709463.75       28.60832  (20121517)
        438248.29   3709490.67       34.25892  (19010417)                438276.17
3709517.58       39.04043  (21022318)
        437966.66   3709223.78       15.78442  (21011417)                437933.17
3709201.45       14.98397  (17120117)
        438053.28   3709165.65       14.30260  (17012023)                438082.11
3709193.48       14.71621  (17012023)
        438110.94   3709221.31       15.50753  (17012023)                438139.76
3709249.14       16.33468  (18021919)
        438168.59   3709276.97       15.68566  (19102017)                438197.41
3709304.80       15.45892  (21121718)
        438226.24   3709332.63       15.55135  (17101217)                438255.07
3709360.46       21.08405  (19101917)
        438283.89   3709388.28       27.93331  (20121517)                438312.72
3709416.11       36.21310  (19121117)
        438341.55   3709443.94       57.20467  (18090420)                438370.37
3709471.77       70.21885  (21040320)
        438022.13   3709140.57       14.51278  (21011417)                437988.64
3709118.25       13.72041  (17120117)
        438108.64   3709082.33       13.17423  (17012023)                438137.23
3709109.94       13.56842  (18020117)
        438165.83   3709137.55       14.69588  (17012023)                438194.43
3709165.16       14.34801  (17012023)
        438223.03   3709192.77       14.25380  (19012717)                438251.62
3709220.37       13.54514  (21121718)
        438280.22   3709247.98       13.93734  (17101217)                438308.82
3709275.59       14.29946  (18040818)
        438337.42   3709303.20       24.96701  (21010817)                438366.01
3709330.81       55.59096  (21092623)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438394.61	3709358.42	70.64276	(20052319)	438423.21	3709386.03	73.51343	(20052319)
438451.80	3709413.64	73.08409	(17011318)	438077.59	3709057.36	13.03130	(19101917)
438044.10	3709035.04	12.61909	(17120117)	437216.54	3710215.91	198.56836	(20082918)
437560.19	3710008.56	65.81358	(19040118)	437925.03	3709745.14	27.42595	(17101217)
438006.11	3709686.60	23.44696	(18040818)	437280.77	3710233.20	208.93379	(20041418)
437322.73	3710276.31	229.49523	(20033118)	437378.59	3710253.95	171.42314	(19122116)
437430.98	3710247.96	132.52322	(18040818)	437616.20	3710338.58	64.07374	(19020617)
437665.11	3710348.96	56.76596	(21012517)	437762.93	3710369.71	45.84294	(21012517)
437860.76	3710390.47	36.45270	(21012517)	437867.70	3710357.73	37.29459	(21012519)
437958.58	3710411.22	30.04420	(18122507)	437965.53	3710378.48	29.43088	(21012518)
438056.40	3710431.98	23.54498	(18122507)	437265.29	3710160.30	145.75911	(19021117)
437512.30	3710332.18	92.39580	(20041418)	437555.45	3710357.43	78.58058	(19021722)
437567.36	3710337.09	74.25797	(21122408)	437617.94	3710448.63	65.44461	(21012518)

437704.25 3710499.15 48.11562 (19021718) 437716.15
3710478.80 46.50243 (20020818)
437814.36 3710508.97 38.33133 (19021718) 437826.27
3710488.63 37.06831 (18021902)
437888.76 3710579.83 34.05569 (18021903) 437900.67
3710559.49 32.73253 (19122417)
437912.58 3710539.14 32.26503 (20020818) 437998.88
3710589.66 40.56486 (21030818)
438073.28 3710660.51 27.30036 (19021521) 438085.18
3710640.17 32.19880 (19021521)
437259.86 3710108.07 123.53952 (18090307) 437229.34
3710080.35 122.41102 (17022717)
437209.69 3710067.85 130.59477 (17020317) 437190.05
3710055.35 130.25172 (21020117)
437170.40 3710042.85 115.29163 (17010316) 437150.75
3710030.35 109.85852 (17021304)
437286.71 3710065.89 104.22205 (19021117) 437308.46
3710096.32 110.79050 (19021117)
437256.18 3710038.17 99.50896 (18102017) 437236.54
3710025.67 99.06860 (18102017)
437216.89 3710013.17 99.37081 (18110708) 437197.24
3710000.67 92.01420 (20021019)
437177.60 3709988.16 87.19070 (17021304) 437315.72
3710026.75 90.75080 (19021117)
437358.13 3710166.40 152.62101 (20020717) 437283.03
3709995.99 84.93134 (19101817)
437263.38 3709983.49 82.35357 (17022120) 437243.73
3709970.98 82.06071 (21020117)
437224.09 3709958.48 80.44670 (18021922) 437204.44
3709945.98 73.60079 (18021922)
437341.95 3709983.70 79.23329 (19101817) 437407.20
3710151.47 118.55619 (20020717)
437400.97 3710193.77 137.13551 (18040818) 437309.87
3709953.81 74.08058 (19021117)
437290.22 3709941.30 72.05818 (19101817) 437270.58
3709928.80 69.99313 (20033118)
437250.93 3709916.30 69.92546 (18021922) 437231.29
3709903.80 65.10963 (18021922)
437368.45 3709941.03 70.06958 (19101817) 437440.96
3710042.47 93.37558 (20041418)
437336.71 3709911.62 65.51796 (19021117) 437317.07
3709899.12 64.08933 (17022120)
437297.42 3709886.62 62.32995 (17021020) 437277.77
3709874.12 60.48629 (18102017)
437258.13 3709861.61 59.00383 (18090307) 437396.26
3709900.20 62.30591 (19101817)
437474.58 3710009.75 84.33969 (20020717) 437507.20
3710108.94 88.11495 (19102017)
437497.39 3710175.55 95.93984 (17101217) 437363.56
3709869.44 58.40095 (19021117)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437422.74	3709857.51	55.62645	(19101817)	437498.88	3709964.02	73.06565	(20041418)
437559.16	3710074.36	71.46021	(21020617)	437533.74	3710247.07	81.93329	(18020117)
437390.40	3709827.26	52.37300	(19021117)	437370.75	3709814.75	51.64310	(18102017)
437351.11	3709802.25	51.07976	(17021020)	437331.46	3709789.75	49.46543	(20013118)
437311.82	3709777.25	47.72805	(20021019)	437450.28	3709816.30	49.17920	(17010316)
437463.67	3709835.03	49.02021	(19021117)	437530.61	3709928.66	66.70636	(18020117)
437594.17	3710154.89	69.34658	(19012817)	437580.77	3710245.99	72.81887	(21012507)
437436.89	3709797.58	49.96143	(17010316)	437417.24	3709785.07	47.36463	(17021020)
437397.60	3709772.57	46.43056	(17022120)	437377.95			

3709760.07 46.20550 (18102017)
437358.31 3709747.57 44.58000 (17123120) 437338.66
3709735.07 43.43473 (18021922)
437476.79 3709773.65 43.84639 (19021117) 437502.89
3709810.17 44.34108 (20101117)
437529.00 3709846.68 48.61043 (20082918) 437555.11
3709883.20 57.81393 (20041418)
437656.26 3710051.47 53.62271 (18040818) 437444.09
3709742.89 43.02873 (17021020)
437424.44 3709730.39 42.17791 (17022120) 437404.80
3709717.89 41.97660 (20013118)
437385.15 3709705.38 41.21068 (19101817) 437365.50
3709692.88 39.62189 (18090307)
437503.38 3709731.11 39.55010 (19021117) 437528.97
3709766.91 40.27136 (21011417)
437580.16 3709838.51 50.46821 (20041418) 437605.75
3709874.31 49.61131 (20033118)
437631.35 3709910.11 49.56671 (17101217) 437656.94
3709945.91 51.06986 (19012717)
437682.54 3709981.71 49.77399 (17101217) 437692.11
3710126.37 51.04774 (19021722)
437679.29 3710213.44 52.77001 (17042018) 437470.93
3709700.71 39.00620 (17021020)
437451.29 3709688.21 39.32304 (20020717) 437431.64
3709675.70 38.59638 (20013118)
437411.99 3709663.20 37.78118 (18102017) 437392.35
3709650.70 35.15065 (20013118)
437557.32 3709647.10 32.56917 (19021117) 437583.43
3709683.62 34.53242 (21011417)
437635.64 3709756.65 40.93872 (17040418) 437661.74
3709793.17 40.57027 (20033118)
437687.85 3709829.69 40.71571 (17101217) 437713.96
3709866.20 42.86502 (17101217)
437740.06 3709902.72 42.33645 (17101217) 437766.17
3709939.24 39.45906 (18040818)
437792.28 3709975.75 36.20973 (19012817) 437788.99
3710105.04 39.04535 (19020617)
437782.45 3710149.45 38.71474 (20110822) 437775.92
3710193.86 40.47715 (21122408)
437524.62 3709616.34 33.14676 (17010316) 437504.97
3709603.84 32.80998 (17021020)
437485.33 3709591.34 31.85776 (17022120) 437465.68
3709578.84 31.80471 (20013118)
437446.04 3709566.33 30.66699 (18021418) 437611.20
3709563.00 27.77249 (17120117)
437624.44 3709581.52 28.05781 (17120117) 437637.68
3709600.05 29.89407 (21011417)
437690.65 3709674.14 34.63939 (18020117) 437703.89
3709692.66 36.49943 (20033118)
437717.13 3709711.18 33.84937 (20033118) 437730.38

3709729.71   33.16976 (20041518)
        437743.62   3709748.23   33.87349 (17101217)   437756.86
3709766.75   35.18337 (17101217)
        437770.10   3709785.28   35.64690 (18041718)   437783.35
3709803.80   35.07527 (19012717)
        437796.59   3709822.32   34.19698 (21020617)   437809.83
3709840.84   35.59364 (17101217)
        437823.07   3709859.37   34.36075 (17101217)   437836.32
3709877.89   32.90024 (18040818)
        437862.80   3709914.94   30.50838 (21121717)   437876.04
3709933.46   30.99907 (21012518)
        437889.29   3709951.98   31.10545 (21012507)   437899.21
3709993.03   41.63634 (18021918)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        437842.85   3710375.99       37.84919  (21012519)               437839.53
3710398.52       37.72386  (21012517)
        437836.22   3710421.05       36.55899  (21012517)               437832.90
3710443.58       36.16144  (18020519)
        437829.59   3710466.10       36.37202  (18022318)               437597.95
3709544.48       27.88099  (17021020)
        437578.31   3709531.97       28.41235  (17021020)               437558.66
3709519.47       28.05015  (17010316)
        437539.01   3709506.97       27.60177  (18021418)               437519.37
3709494.47       27.44822  (20013118)
        437499.72   3709481.97       26.98949  (18102017)               437665.03
3709478.84       24.20220  (17120117)
        437678.42   3709497.56       24.38615  (17120117)               437691.80
3709516.29       25.86842  (19012717)
        437745.36   3709591.20       28.84020  (18020117)               437758.74
3709609.92       30.29542  (20041418)
        437772.13   3709628.65       29.02963  (17040418)               437785.52
3709647.38       28.46986  (20041518)
        437798.91   3709666.10       28.59160  (20041518)               437812.30
3709684.83       29.66366  (17101217)
        437825.68   3709703.56       30.38907  (20090918)               437839.07
3709722.28       30.58994  (19040118)
        437852.46   3709741.01       29.17999  (19122116)               437865.85
3709759.74       29.83087  (21020617)
        437879.24   3709778.46       30.35132  (17101217)               437892.62
3709797.19       29.18705  (17101217)
        437906.01   3709815.92       27.86717  (18040818)               437959.56
3709890.82       32.47682  (21020617)
        437986.34   3709928.27       54.33466  (21120217)               437996.37
3709969.78       57.07567  (18041219)
        437979.62   3710083.65       67.04829  (21012519)               437976.26
3710106.42       71.31567  (21120217)
        437972.91   3710129.20       77.07738  (19021721)               437969.56
3710151.97       80.01224  (21120217)
        437966.21   3710174.75       81.89226  (18021907)               437962.86
3710197.52       80.91921  (21012507)
        437952.80   3710265.85       71.53564  (21012507)               437949.45
3710288.62       29.76589  (18122507)
        437946.10   3710311.40       28.19752  (19021722)               437942.74
3710334.17       31.38889  (19123016)
        437939.39   3710356.94       31.37637  (21012519)               437936.04
3710379.72       31.12162  (21101617)
        437932.69   3710402.49       31.45658  (18122506)               437929.34
3710425.27       31.48475  (20020818)
        437925.98   3710448.04       31.63259  (19012101)               437922.63
3710470.82       31.26742  (18022318)
        437919.28   3710493.59       31.40156  (18022318)               437915.93
3710516.37       31.50227  (18123121)
        437651.64   3709460.11       24.10026  (17021020)               437631.99
3709447.61       24.63589  (17021020)
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        437612.35   3709435.11       24.07983  (18021418)               437592.70
3709422.60       24.17994  (18021418)
        437573.06   3709410.10       24.17415  (20013118)               437553.41
3709397.60       23.86500  (18021418)
        437718.83   3709394.63       20.50672  (17120117)               437732.33
3709413.52       20.61514  (17120117)
        437745.84   3709432.41       22.23711  (19012717)               437799.85
3709507.96       24.22959  (18020117)
        437813.35   3709526.85       26.02109  (17040418)               437826.86
3709545.74       25.39444  (17040418)
        437840.36   3709564.62       24.63413  (20041518)               437853.86
3709583.51       24.80065  (20041518)
        437867.37   3709602.40       25.20798  (17101217)               437880.87
3709621.29       26.22225  (17101217)
        437894.37   3709640.18       26.44029  (19102017)               437907.88
3709659.06       25.68594  (19122116)
        437921.38   3709677.95       25.49651  (19122116)               437934.88
3709696.84       26.12959  (21020617)
        437948.39   3709715.73       26.20164  (17101217)               437975.40
3709753.50       25.15606  (21122216)
        438056.42   3709866.83       42.88709  (21012520)               438069.92
3709885.72       49.28885  (21022218)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 797
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        438083.42   3709904.61       62.99315  (19012103)                438093.54
3709946.47       86.21531  (21120119)
        438090.16   3709969.44       92.76883  (21051223)                438076.64
3710061.32      102.91346  (21040919)
        438073.26   3710084.29      107.07809  (20032521)                438069.88
3710107.26      111.02299  (20032919)
        438066.50   3710130.24      115.80208  (21120119)                438063.12
3710153.21      116.65804  (19021619)
        438059.74   3710176.18      117.85727  (17070620)                438042.83
3710291.03      118.83505  (20051220)
        438039.45   3710314.00      107.73845  (19012024)                438036.07
3710336.97       81.72561  (20110820)
        438032.69   3710359.95       26.95347  (18122506)                438029.31
3710382.92       24.37132  (21012518)
        438025.93   3710405.89       25.08132  (18122506)                438022.55
3710428.86       26.87898  (19012101)
        438019.17   3710451.83       28.32569  (19012101)                438015.78
3710474.80       32.36413  (18020519)
        438012.40   3710497.77       38.53485  (19021719)                438009.02
3710520.74       42.05504  (19123016)
        438005.64   3710543.71       44.50423  (19030918)                438002.26
3710566.68       43.31493  (18020519)
        437705.33   3709375.74       20.52762  (19101817)                437685.68
3709363.24       21.11506  (17021020)
        437666.04   3709350.74       20.73004  (18021418)                437646.39
3709338.24       20.98675  (18021418)
        437626.74   3709325.74       21.10101  (17022120)                437607.10
3709313.23       20.96703  (20033118)
        437772.20   3709309.82       18.24511  (17120117)                437785.39
3709328.26       18.30900  (17120117)
        437798.57   3709346.71       19.16374  (19012717)                437851.31
3709420.48       20.12355  (18020117)
        437864.50   3709438.92       21.86326  (18020117)                437877.68
3709457.36       22.48449  (17040418)
        437890.87   3709475.81       21.81362  (17040418)                437904.05
3709494.25       21.65637  (20041518)
        437917.24   3709512.69       21.81144  (20041518)                437930.42
3709531.14       22.21749  (17101217)
        437943.61   3709549.58       22.77660  (20090918)                437956.79
3709568.02       22.75300  (19102017)
        437969.98   3709586.46       22.80265  (19122116)                437983.16
3709604.91       22.68280  (19122116)
        437996.35   3709623.35       22.39311  (21020617)                438009.53
3709641.79       23.39426  (17101217)
        438154.57   3709844.66       51.19409  (21012506)                438167.75
3709863.11       53.77391  (21031522)
        438180.94   3709881.55       56.79204  (21022218)                438190.82
3709922.42       67.81833  (21051319)
        438171.02   3710057.00       88.54012  (19012118)                438167.71
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3710079.43   92.40484 (21012506)
        438161.11   3710124.29   99.25974 (18022419)   438157.81
3710146.72   105.78003 (18032719)
        438154.51   3710169.15   107.89442 (21110618)   438138.00
3710281.29   107.67627 (20051220)
        438134.70   3710303.72   108.88451 (17041419)   438131.40
3710326.15   110.01636 (19040519)
        438124.80   3710371.01   103.67510 (20051221)   438121.50
3710393.44   88.46738 (21122603)
        438111.59   3710460.73   41.73450 (18012017)   438108.29
3710483.16   24.60672 (18022318)
        438101.69   3710528.02   23.20755 (18021902)   438098.39
3710550.45   23.81761 (18021902)
        438095.09   3710572.88   24.99755 (20020818)   438088.49
3710617.74   30.38008 (18123121)
        437759.02   3709291.38   18.12539 (17120117)   437739.37
3709278.88   18.57485 (19101817)
        437719.72   3709266.37   18.28767 (18021418)   437700.08
3709253.87   18.52242 (18021418)
        437680.43   3709241.37   18.61879 (20020717)   437660.79
3709228.87   18.60439 (18120916)
        437826.00   3709225.61   16.75702 (17120117)   437839.29
3709244.21   16.80188 (17120117)
        437852.59   3709262.80   16.87760 (17120117)   437905.77
3709337.19   17.61720 (21011417)
        437919.06   3709355.78   18.74498 (18020117)   437932.36
3709374.38   19.11214 (20041418)
        437945.65   3709392.98   19.53025 (17040418)   437958.95
3709411.57   19.18231 (20041518)
        437972.24   3709430.17   19.34196 (20041518)   437985.54
3709448.77   19.48328 (19122116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                                    L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                                    L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                                    L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437998.83	3709467.36	19.98600	(17101217)	438012.13	3709485.96	20.29719	(19122116)
438025.42	3709504.56	20.09412	(19012717)	438038.72	3709523.15	20.42974	(19040118)
438052.01	3709541.75	20.72851	(21121718)	438131.78	3709653.33	33.59829	(20120217)
438238.14	3709802.10	77.68502	(19022318)	438251.44	3709820.70	82.23141	(21120419)
438264.73	3709839.29	83.58950	(20021021)	438278.03	3709857.89	85.10572	(20021021)
438287.99	3709899.10	91.30166	(17012020)	438284.66	3709921.72	93.71960	(19021619)
438281.34	3709944.34	93.50035	(21091820)	438264.69	3710057.42	83.53216	(19021020)
438261.36	3710080.04	84.03417	(21120817)	438258.04	3710102.65	85.86303	(19050519)
438254.71	3710125.27	89.00537	(19050119)	438251.38	3710147.88	90.98282	(19032719)
438234.73	3710260.97	99.75697	(20051220)	438231.41	3710283.58	102.32267	(18012018)
438228.08	3710306.20	101.89413	(19070606)	438224.75	3710328.82	98.96999	(17011819)
438221.42	3710351.43	94.24857	(18021618)	438218.09	3710374.05	92.59685	(20122117)
438201.45	3710487.13	105.28322	(18122504)	438198.12	3710509.75	105.37028	(18122504)
438194.79	3710532.37	105.25196	(18033019)	438191.46	3710554.98	104.02855	(20022618)
438188.13	3710577.60	105.77895	(17040819)	438184.80	3710600.21	108.39571	(19021618)
438181.48	3710622.83	107.99803	(21062405)	438178.15	3710645.45	108.34331	(20072119)
437812.70	3709207.01	16.45468	(17021020)	437793.06	3709194.51	16.59924	(17120117)
437773.41	3709182.01	16.56329	(18021418)	437753.77	3709169.51	16.77948	(18021418)
437734.12	3709157.00	16.74470	(20082918)	437714.47	3709144.50	16.78074	(17022120)
437879.78	3709141.37	15.27359	(17120117)	437893.17	3709160.10	15.27942	(17120117)

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        437906.55   3709178.83       15.16859  (20082918)                437946.72
3709235.01       16.26198  (21011417)
        437960.11   3709253.73       15.98473  (21011417)                437973.49
3709272.46       16.15527  (18020117)
        437986.88   3709291.19       16.91927  (20033118)                438000.27
3709309.91       17.49691  (17040418)
        438013.66   3709328.64       16.86415  (17040418)                438027.05
3709347.36       17.20647  (20041518)
        438040.43   3709366.09       17.40641  (19122116)                438053.82
3709384.82       17.89373  (19122116)
        438067.21   3709403.54       18.25515  (19122116)                438080.60
3709422.27       18.42603  (19021723)
        438093.99   3709441.00       18.57818  (19122116)                438107.37
3709459.72       18.52915  (19122116)
        438134.15   3709497.18       19.03936  (18040818)                438214.48
3709609.54       40.37613  (21120319)
        438321.58   3709759.35       86.11334  (21113017)                438334.97
3709778.08       85.89429  (19021603)
        438348.36   3709796.80       86.23500  (21092621)                438361.74
3709815.53       85.82357  (21092707)
        438375.13   3709834.26       84.80367  (17021820)                438385.17
3709875.76       80.02288  (21120119)
        438381.82   3709898.53       78.39889  (21091802)                438378.46
3709921.31       77.79418  (21041921)
        438361.70   3710035.18       88.36057  (17071421)                438358.35
3710057.95       89.92734  (19032918)
        438355.00   3710080.73       90.97529  (17041621)                438351.65
3710103.50       93.09668  (19050519)
        438348.30   3710126.28       93.83844  (19050119)                438344.94
3710149.05       90.53184  (18030221)
        438328.18   3710262.93       91.36602  (17051120)                438324.83
3710285.70       92.88236  (17051120)
        438321.48   3710308.47       93.14337  (21121420)                438318.13
3710331.25       91.90301  (17051120)
        438314.78   3710354.02       92.41465  (20051221)                438311.43
3710376.80       94.09375  (20051819)
        438294.67   3710490.67       94.75105  (17021822)                438291.31
3710513.45       92.90149  (19040220)
        438287.96   3710536.22       89.85735  (20051119)                438284.61
3710559.00       88.06850  (18122504)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 799
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
```

INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438281.26	3710581.77	86.36795	(17041901)	438277.91	3710604.55	84.41383	(20102518)
438274.55	3710627.32	83.10652	(20072119)	437866.39	3709122.65	14.85659	(17021020)
437846.74	3709110.14	15.23710	(17120117)	437827.10	3709097.64	15.09695	(19102017)
437807.45	3709085.14	15.30213	(18021418)	437787.81	3709072.64	15.09960	(20013118)
437768.16	3709060.14	15.15147	(17022120)	437933.55	3709057.12	13.87090	(20082918)
437947.01	3709075.96	13.68608	(20082918)	437960.48	3709094.79	13.62416	(17020419)
438000.88	3709151.31	14.44850	(19101917)	438014.35	3709170.15	14.71093	(21011417)
438027.82	3709188.98	14.54639	(17012023)	438041.29	3709207.82	15.13498	(18020117)
438054.75	3709226.66	15.37339	(20041418)	438068.22	3709245.50	15.25810	(17040418)
438081.69	3709264.34	15.63501	(17012023)	438095.16	3709283.17	16.17249	(18040818)
438108.62	3709302.01	16.82952	(18040818)	438122.09	3709320.85	16.62408	(18021919)
438135.56	3709339.69	16.83534	(20121817)	438149.03	3709358.53	16.84067	(19021723)
438162.50	3709377.36	17.00152	(17101217)	438283.70	3709546.91	44.06545	(21012520)
438310.64	3709584.58	49.11722	(17012022)	438418.38	3709735.29	61.07556	(18120123)
438431.85	3709754.12	67.31207	(21120119)	438445.32	3709772.96	72.29292	(17091322)
438458.78	3709791.80	76.94307	(21021119)	438472.25			

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3709810.64       79.47482  (20032521)
        438482.35   3709852.39       82.16145  (21082419)                438478.97
3709875.30       80.55077  (18092519)
        438475.60   3709898.21       77.70449  (21101718)                438472.23
3709921.12       75.25671  (19040520)
        438458.74   3710012.76       71.84307  (18061306)                438455.37
3710035.67       72.38404  (18032719)
        438452.00   3710058.58       73.36848  (20032522)                438448.63
3710081.49       75.29085  (21061019)
        438445.26   3710104.40       77.88999  (18030418)                438441.88
3710127.31       82.68632  (21100819)
        438425.02   3710241.86       87.83049  (21110918)                438421.65
3710264.77       87.42491  (21060123)
        438418.28   3710287.68       89.99436  (19101218)                438414.91
3710310.59       90.43206  (21121420)
        438411.54   3710333.50       89.37166  (17051719)                438408.16
3710356.41       89.03460  (17012303)
        438387.93   3710493.87       92.85802  (19121517)                438384.56
3710516.78       92.87482  (19022103)
        438381.19   3710539.69       92.99905  (20022618)                438377.82
3710562.60       94.07831  (17040819)
        438374.45   3710585.51       94.23227  (20030220)                438371.07
3710608.42       93.36140  (21062405)
        437920.08   3709038.28       13.51415  (17020419)                437900.43
3709025.78       13.83968  (17021020)
        437880.79   3709013.28       13.79911  (19102017)                437861.14
3709000.77       13.90331  (20082918)
        437841.49   3708988.27       13.79493  (17120117)                437821.85
3708975.77       13.72056  (17022120)
        437987.30   3708972.85       12.69096  (17040418)                438000.84
3708991.78       13.10128  (17020419)
        438014.38   3709010.72       13.06956  (17020419)                438054.99
3709067.52       12.84737  (17012023)
        438068.52   3709086.46       13.52075  (21011417)                438082.06
3709105.39       13.55730  (17012023)
        438095.60   3709124.33       13.73320  (20033118)                438109.13
3709143.26       14.12820  (17012023)
        438122.67   3709162.19       14.13706  (19021723)                438136.21
3709181.13       14.53728  (17012023)
        438149.74   3709200.06       15.05421  (17012023)                438163.28
3709219.00       15.20455  (17012023)
        438176.82   3709237.93       15.38368  (18040818)                438190.35
3709256.87       14.88884  (19102017)
        438203.89   3709275.80       14.86514  (21121718)                438366.33
3709503.02       67.02005  (17012518)
        438379.87   3709521.95       66.41855  (21021218)                438393.40
3709540.89       68.05641  (20051222)
        438406.94   3709559.82       70.47848  (17021823)                438420.48
3709578.76       72.32673  (21120818)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438501.70	3709692.36	71.87529	(18120217)	438515.23	3709711.30	70.76213	(21062421)
438528.77	3709730.23	71.18233	(21062421)	438542.31	3709749.17	70.94577	(19011217)
438555.84	3709768.10	71.69571	(21012506)	438569.38	3709787.04	70.97940	(21051223)
438579.53	3709829.00	70.26288	(20032521)	438576.14	3709852.03	70.83782	(21012506)
438572.75	3709875.06	73.44170	(18052520)	438569.36	3709898.08	77.32534	(20032523)
438552.41	3710013.22	79.56375	(18022418)	438549.02	3710036.25	79.47223	(20032420)
438545.64	3710059.28	77.42631	(19090819)	438542.25	3710082.30	74.37048	(21100819)
438538.86	3710105.33	71.76405	(19121317)	438518.52	3710243.50	83.42902	(21060123)
438515.13	3710266.53	84.58139	(19101218)	438511.74	3710289.55	85.31858	(21121420)
438508.35	3710312.58	84.86245	(19101218)	438504.97	3710335.61	83.86960	(17012303)
438498.19	3710381.66	80.44633	(18071902)	438481.24	3710496.80	72.61732	(20051119)

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        438477.85   3710519.83       74.61976  (21082101)              438474.46
3710542.86       77.31754  (19022104)
        438471.07   3710565.89       80.99028  (17021822)              437973.77
3708953.91       12.46267  (20082918)
        437954.12   3708941.41       12.59763  (20082918)              437934.47
3708928.91       12.62259  (20082918)
        437914.83   3708916.41       12.66075  (17123117)              437895.18
3708903.91       12.66400  (17123117)
        437875.54   3708891.40       12.68059  (20020717)              438040.77
3708888.18       11.57171  (17040418)
        438054.09   3708906.81       11.99405  (17020419)              438067.41
3708925.44       12.14633  (17020419)
        438080.73   3708944.07       12.24443  (17020419)              438094.05
3708962.70       12.15144  (17020419)
        438107.37   3708981.33       12.16266  (17012023)              438120.69
3708999.96       12.24241  (17012023)
        438134.01   3709018.60       12.44426  (17012023)              438147.33
3709037.23       12.65615  (20033118)
        438160.65   3709055.86       13.12657  (17040418)              438173.97
3709074.49       13.10146  (18020117)
        438187.29   3709093.12       14.23779  (18021919)              438200.61
3709111.75       16.42185  (20121817)
        438213.93   3709130.38       15.77294  (20121817)              438227.25
3709149.01       13.77080  (19122116)
        438240.57   3709167.64       13.86350  (18040818)              438253.89
3709186.27       13.12573  (21121718)
        438280.53   3709223.54       13.75997  (21121718)              438400.40
3709391.22       73.09041  (17012518)
        438413.72   3709409.85       74.25038  (19032320)              438427.04
3709428.48       74.09971  (17011318)
        438440.36   3709447.11       73.41125  (21072821)              438453.68
3709465.74       73.22695  (18090506)
        438467.00   3709484.37       73.02409  (19120621)              438480.32
3709503.00       74.23597  (21120517)
        438493.64   3709521.63       73.66743  (21090721)              438506.96
3709540.26       73.67597  (19121419)
        438573.56   3709633.42       73.17233  (21092621)              438600.20
3709670.68       72.33786  (20032421)
        438613.52   3709689.31       73.07733  (17110218)              438626.84
3709707.94       73.46534  (21092707)
        438640.16   3709726.57       73.31301  (19011217)              438653.48
3709745.21       73.86358  (21051223)
        438666.80   3709763.84       73.12294  (17062621)              438676.78
3709805.13       74.71827  (20032919)
        438673.45   3709827.78       74.37637  (18041623)              438670.11
3709850.44       71.84764  (20032523)
        438666.78   3709873.10       71.38162  (19032918)              438663.44
3709895.76       72.97277  (17070620)
        438646.77   3710009.05       77.31963  (19050519)              438643.43
3710031.71       75.98678  (21120817)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
438600.08	3710326.27	74.33903	(21040303)	438590.07	3710394.25	77.93669	(19012023)
438576.73	3710484.88	68.15874	(20051119)	438573.40	3710507.54	66.16436	(19040220)
438570.06	3710530.20	65.62685	(17012021)	438566.73	3710552.85	66.02190	(17021822)
438027.45	3708869.55	11.42252	(17123117)	438007.81	3708857.05	11.51609	(17021020)
437988.16	3708844.54	11.63312	(19102017)	437968.52	3708832.04	11.67547	(18021418)
437948.87	3708819.54	11.71821	(17123117)	437929.22	3708807.04	11.70357	(17123117)
437106.84	3710028.10	128.65222	(19020216)	437074.68			

3710047.98 134.40728 (18022521)
        437056.82   3710062.36 135.24526 (19021818) 437038.96
3710076.75 191.73207 (19013120)
        437080.24   3709987.33 111.69884 (19021818) 437138.10
3709977.84   91.56345 (20020421)
        437043.32   3710009.03 139.73350 (17120519) 437025.46
3710023.42 185.27115 (20122418)
        437007.60   3710037.81 216.10120 (18010607) 437046.97
3709949.12   99.60968 (17120518)
        437081.27   3709935.94   96.60751 (20020421) 437133.34
3709927.41   85.44807 (20020421)
        437168.89   3709936.69   73.69203 (19041718) 437011.96
3709970.09 185.45180 (17021222)
        436994.10   3709984.48 209.55559 (18010119) 436976.23
3709998.87 227.06625 (18121620)
        437017.52   3709909.44 135.56365 (17122719) 437055.62
3709894.80   90.89968 (20121906)
        437093.73   3709880.16   84.18360 (20020421) 437132.54
3709878.00   77.04367 (20020421)
        437172.04   3709888.32   66.18500 (19123021) 436980.60
3709931.15 182.63972 (18010607)
        436962.73   3709945.54 208.19750 (21013120) 436944.87
3709959.93 213.24365 (20021520)
        436987.51   3709869.98 136.02453 (18010607) 437028.35
3709854.29 116.08762 (20122418)
        437069.18   3709838.60   76.26302 (21011424) 437131.17
3709828.45   67.73626 (20020421)
        437173.49   3709839.50   59.93648 (20021019) 437215.81
3709850.56   55.55924 (21011424)
        436949.24   3709892.21 163.19835 (17122719) 436931.37
3709906.60 188.92514 (21121021)
        436913.51   3709920.98 198.34779 (21022619) 436954.79
3709831.56 164.22707 (20121819)
        436992.90   3709816.92 178.86000 (19120218) 437031.01
3709802.28 174.59154 (18121518)
        437069.12   3709787.64 136.44292 (20021904) 437126.98
3709778.15   61.63349 (20020421)
        437166.48   3709788.47   51.94087 (18012901) 437205.97
3709798.79   50.12670 (17021304)
        437245.47   3709809.11   49.82996 (18120916) 436917.87
3709853.27 161.98429 (21020205)
        436900.01   3709867.66 166.28619 (20010419) 436882.15
3709882.04 182.69932 (21013020)
        436924.38   3709792.25 178.96485 (17121318) 436964.40
3709776.88 175.12619 (19090301)
        437004.41   3709761.51 178.58927 (18121017) 437044.42
3709746.13 184.36108 (21102719)
        437084.44   3709730.76 182.94360 (21093020) 437125.18
3709728.49 155.21346 (18121317)
        437166.66   3709739.32   49.28170 (19123021) 437208.13

3709750.16   46.29622 (17020317)
        437249.61   3709761.00   46.98785 (18021921)   436886.51
3709814.33   176.26685 (21121720)
        436868.65   3709828.72   174.76539 (20021420)   436850.78
3709843.10   169.94853 (20012606)
        436893.80   3709753.01   160.88288 (21020103)   436935.37
3709737.04   156.38151 (17021206)
        436976.95   3709721.07   153.76326 (18121017)   437018.52
3709705.10   159.36257 (21020204)
        437060.09   3709689.12   163.96779 (20091720)   437123.21
3709678.78   171.41184 (18100124)
        437166.30   3709690.04   127.08034 (18011719)   437209.39
3709701.29   41.88088 (19123020)
        437252.48   3709712.55   41.85237 (18020318)   437295.57
3709723.81   42.94093 (18120916)
        436855.15   3709775.39   149.97244 (21020519)   436837.29
3709789.77   145.68121 (19021705)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF OTHER   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        436980.16   3709668.84      141.16037  (19120619)              437019.74
3709653.64      141.46392  (21020204)
        437059.31   3709638.43      146.21271  (20092820)              437119.39
3709628.58      155.44665  (17122318)
        437160.41   3709639.30      159.08912  (17020902)              437201.43
3709650.02       90.95198  (17020821)
        437242.45   3709660.73       37.97984  (17020317)              437283.47
3709671.45       37.04515  (18021921)
        437324.49   3709682.17       37.82048  (17010316)              436823.79
3709736.45      135.34714  (18010523)
        436805.92   3709750.83      131.89086  (19021705)              436788.06
3709765.22      130.49977  (21022822)
        436830.70   3709675.27      128.20456  (21120608)              436871.53
3709659.59      129.28902  (20021520)
        436912.37   3709643.90      129.20454  (21020121)              436953.20
3709628.21      132.63085  (20020720)
        436994.03   3709612.52      135.08827  (18121017)              437034.86
3709596.84      133.95673  (18101323)
        437075.69   3709581.15      138.04336  (18010522)              437117.26
3709578.83      144.15948  (18050502)
        437159.59   3709589.89      154.27006  (20122403)              437201.91
3709600.95      125.77488  (20010217)
        437244.23   3709612.00       39.11277  (18021921)              437286.55
3709623.06       33.65776  (18021921)
        437328.87   3709634.11       33.12675  (18020318)              436792.42
3709697.51      127.25779  (18010807)
        436774.56   3709711.89      124.92062  (17022123)              436756.70
3709726.28      122.82493  (21011604)
        436767.74   3709597.48      113.29006  (21102818)              436808.09
3709581.98      116.54151  (18011620)
        436848.44   3709566.48      119.70651  (20121322)              436888.79
3709550.97      122.85224  (19012821)
        436929.14   3709535.47      123.98429  (17031303)              436969.49
3709519.97      124.31531  (20122924)
        437009.84   3709504.47      122.21544  (20121619)              437050.19
3709488.96      122.76099  (20092820)
        437111.45   3709478.92      131.78375  (20050221)              437153.28
3709489.85      138.65889  (17091122)
        437195.10   3709500.77      132.58778  (21122606)              437236.92
3709511.70       36.93705  (18122823)
        437278.74   3709522.63       29.31948  (18021921)              437320.57
3709533.55       28.42682  (17020317)
        437362.39   3709544.48       28.40489  (18021921)              437404.21
3709555.41       29.83990  (20013118)
        436729.70   3709619.62      111.24579  (20121319)              436711.84
3709634.01      110.47838  (19110218)
        436693.97   3709648.40      109.40362  (17020220)              436705.90
3709519.26      103.42953  (20121319)
        436726.96   3709511.17      104.56401  (18121020)              436748.02
3709503.08      106.37205  (18110120)
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        436769.08   3709494.99      108.39294  (18110120)                436790.14
3709486.90      109.41124  (21120405)
        436811.20   3709478.80      110.78733  (18010619)                436832.26
3709470.71      111.73242  (21022619)
        436853.32   3709462.62      112.93563  (21020121)                436874.38
3709454.53      113.42787  (19110418)
        436895.44   3709446.44      114.23633  (19110519)                436916.50
3709438.35      114.53286  (17110322)
        436937.56   3709430.25      114.75765  (17101619)                436958.62
3709422.16      114.61158  (17022124)
        436979.68   3709414.07      113.78656  (18083020)                437000.74
3709405.98      113.33263  (20121619)
        437021.80   3709397.89      112.12683  (20092803)                437042.86
3709389.80      112.27574  (21020420)
        437063.92   3709381.70      110.54955  (21020420)                437106.81
3709379.32      119.28245  (18102718)
        437128.64   3709385.02      124.94787  (20010218)                437150.47
3709390.72      127.64683  (21020221)
        437172.30   3709396.42      126.92645  (17020422)                437194.12
3709402.13      116.43479  (17020422)
        437237.78   3709413.53       31.41605  (18010217)                437259.61
3709419.24       25.99353  (17021304)
        437281.44   3709424.94       25.23173  (18021921)                437303.27
3709430.64       25.17647  (18010217)
        437346.92   3709442.05       25.14591  (17121417)                437368.75
3709447.75       25.74830  (17121417)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 803
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437390.58	3709453.45	25.76345	(19122705)	437412.41	3709459.16	25.93683	(18120916)
437434.24	3709464.86	26.12896	(17010316)	437456.07	3709470.56	26.25296	(18090307)
437477.89	3709476.26	26.57286	(18021418)	436684.84	3709527.35	102.46700	(21112821)
436666.98	3709541.74	101.43090	(20110517)	436649.11	3709556.13	101.18103	(17010320)
436631.25	3709570.51	100.66038	(21121121)	436642.90	3709441.49	95.78520	(17022123)
436684.47	3709425.51	96.67595	(21020620)	436726.05	3709409.54	98.52028	(20021420)
436767.62	3709393.57	100.90499	(20021420)	436809.19	3709377.59	102.23437	(20091806)
436850.77	3709361.62	103.45504	(19020719)	436892.34	3709345.65	104.80839	(17031303)
436933.91	3709329.67	104.59473	(17102518)	436975.49	3709313.70	103.38201	(20082606)
437017.06	3709297.73	100.99512	(21093020)	437058.63	3709281.75	101.37315	(21112718)
437100.97	3709279.40	101.11028	(17122318)	437144.06	3709290.65	109.57228	(17041806)
437187.15	3709301.91	116.24902	(18022706)	437230.24	3709313.17	77.34311	(19013119)
437273.33	3709324.43	23.33802	(18010217)	437316.42	3709335.68	22.28093	(18010217)
437359.51	3709346.94	22.08767	(17022120)	437402.60	3709358.20	22.54196	(19122705)
437445.69	3709369.46	22.55448	(19122705)	437488.78	3709380.71	23.05910	(18102017)
436604.25	3709463.86	94.37263	(17010320)	436586.39	3709478.24	94.06840	(21011503)
436568.52	3709492.63	94.42579	(21011503)	436579.97	3709363.68	87.88742	(17010320)
436621.13	3709347.87	88.79637	(21112821)	436662.28	3709332.06	89.81205	(17011606)
436703.44	3709316.24	92.09378	(18010807)	436744.60	3709300.43	92.67777	(20010419)
436785.76	3709284.62	93.86856	(18122019)	436826.91	3709268.80	94.71525	(19012821)
436868.07	3709252.99	95.10474	(18121017)	436909.23	3709237.18	95.14023	(21090421)
436950.39	3709221.36	95.29514	(18013018)	436991.54	3709205.55	107.41730	(21100119)
437032.70	3709189.74	111.47827	(21102719)	437095.19			

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3709179.50      108.84235  (21020221)
        437137.85   3709190.64      108.83848  (18022706)                437180.51
3709201.79      108.27741  (20122403)
        437223.17   3709212.93       90.28009  (19122017)                437265.83
3709224.08       23.96539  (17022717)
        437308.48   3709235.22       20.63656  (18010217)                437351.14
3709246.36       19.82406  (17022717)
        437393.80   3709257.51       19.94339  (17121417)                437436.46
3709268.65       20.21859  (19122705)
        437479.12   3709279.80       19.98580  (20021019)                437521.78
3709290.94       20.21363  (18102017)
        437564.44   3709302.09       20.56228  (18102017)                436541.53
3709385.98       86.90258  (21011503)
        436523.66   3709400.36       86.97426  (20011020)                436505.80
3709414.75       86.62664  (20011020)
        436517.84   3709285.57       80.97383  (18090706)                436539.01
3709277.44       81.62440  (17010320)
        436560.18   3709269.30       81.71871  (20110517)                436581.35
3709261.17       82.05032  (21112821)
        436602.52   3709253.03       81.84215  (19110218)                436623.70
3709244.90       82.43037  (17122319)
        436644.87   3709236.77       83.15283  (21041805)                436666.04
3709228.63       83.81052  (20021420)
        436687.21   3709220.50       84.79522  (21010507)                436708.38
3709212.36       85.65231  (21022619)
        436729.55   3709204.23       86.12525  (21120405)                436750.73
3709196.09       86.60246  (20121322)
        436771.90   3709187.96       86.15761  (17110924)                436793.07
3709179.83       86.91951  (17090404)
        436814.24   3709171.69       87.29579  (17022606)                436835.41
3709163.56       87.80864  (19012821)
        436856.58   3709155.42       88.12589  (17031303)                436877.75
3709147.29       89.07375  (19120619)
        436898.93   3709139.15       88.27778  (20120618)                436920.10
3709131.02       87.81143  (18121017)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                  PAGE 804
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                 L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                 L0003923    , L0003924    , L0003925    , L0003926    , L0003927
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, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER   IN MICROGRAMS/M**3
                **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436941.27	3709122.88	86.32668	(18083020)	436962.44	3709114.75	87.42716	(18092704)
436983.61	3709106.62	94.84031	(18010420)	437004.78	3709098.48	101.78771	(20092820)
437025.96	3709090.35	104.27607	(18010218)	437047.13	3709082.21	102.52257	(21020420)
437090.24	3709079.81	92.06131	(19030407)	437112.19	3709085.54	84.57149	(19021120)
437134.13	3709091.28	77.39411	(18121317)	437156.07	3709097.01	70.14119	(21020202)
437178.02	3709102.74	62.52308	(19021120)	437199.96	3709108.48	53.81456	(18011719)
437221.91	3709114.21	43.14353	(19013119)	437243.85	3709119.94	30.12061	(17020821)
437265.79	3709125.67	22.22908	(18122823)	437287.74	3709131.41	21.20096	(18021921)
437309.68	3709137.14	20.24240	(17022717)	437331.63	3709142.87	19.33197	(17022717)
437353.57	3709148.61	18.22265	(18010217)	437375.51	3709154.34	17.38027	(21121721)
437397.46	3709160.07	17.41842	(21121721)	437419.40	3709165.81	17.75513	(17121417)
437441.35	3709171.54	18.00682	(19122705)	437463.29	3709177.27	18.16821	(19122705)
437485.23	3709183.00	18.21678	(19122705)	437507.18	3709188.74	17.88071	(20021019)
437529.12	3709194.47	18.00000	(19122705)	437551.07	3709200.20	17.96904	(18090307)
437573.01	3709205.94	18.07706	(18102017)	437594.95	3709211.67	18.17350	(18102017)
437616.90	3709217.40	18.09482	(18102017)	437638.84	3709223.14	18.27025	(17010316)
436496.67	3709293.71	80.46116	(19012719)	436478.80	3709308.09	80.53422	(18020219)
436460.94	3709322.48	80.56356	(20011020)	436443.08	3709336.87	80.13776	(19101520)

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        436454.90   3709207.77       74.96443  (19012719)               436496.82
3709191.67       75.62609  (20111518)
        436517.78   3709183.61       75.77878  (17020221)               436559.70
3709167.51       75.90898  (17122620)
        436601.62   3709151.40       76.98521  (18011621)               436622.58
3709143.35       77.36011  (17011606)
        436664.50   3709127.24       78.90069  (18121620)               436706.42
3709111.13       79.75341  (21120405)
        436727.38   3709103.08       80.17816  (20121322)               436769.30
3709086.98       79.99526  (21020121)
        436811.22   3709070.87       80.86611  (17090404)               436853.14
3709054.76       80.85220  (17110322)
        436895.06   3709038.66       80.68083  (18120703)               436916.02
3709030.60       81.81459  (18120703)
        436957.94   3709014.50       83.09371  (18040406)               436999.86
3708998.39       82.67021  (21112718)
        437020.82   3708990.34       82.24636  (19090402)               437084.46
3708979.91       86.59086  (17072906)
        437127.91   3708991.26       94.16207  (19121918)               437171.36
3709002.61       79.36436  (17011719)
        437214.81   3709013.96       34.53588  (20021903)               437258.26
3709025.31       20.09336  (19011204)
        437301.71   3709036.66       18.62183  (17022717)               437345.16
3709048.02       17.48290  (17120817)
        437388.61   3709059.37       16.41654  (21121721)               437432.05
3709070.72       16.28453  (19122705)
        437475.50   3709082.07       16.18164  (19122705)               437518.95
3709093.42       15.98558  (20021019)
        437562.40   3709104.77       16.01246  (18021418)               437605.85
3709116.12       16.06054  (18090307)
        437649.30   3709127.48       16.11816  (18102017)               436416.08
3709230.21       74.95992  (21092205)
        436398.22   3709244.60       74.78688  (19101520)               436380.35
3709258.98       74.46860  (18020219)
        436392.00   3709129.96       69.23767  (18020219)               436433.58
3709113.98       70.08666  (21123024)
        436475.15   3709098.01       70.63753  (20100119)               436516.72
3709082.04       71.43433  (17122818)
        436558.30   3709066.06       71.71306  (21120124)               436599.87
3709050.09       72.69030  (21013020)
        436641.44   3709034.12       73.76798  (21020519)               436683.02
3709018.14       74.33273  (21120405)
        436724.59   3709002.17       74.18135  (18010119)               436766.16
3708986.20       75.18555  (18010521)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***       07:59:17
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436807.74	3708970.23	74.70362	(17021420)	436849.31	3708954.25	75.68814	(20091619)
436890.88	3708938.28	75.29820	(20012319)	436932.46	3708922.31	75.06704	(18092704)
436974.03	3708906.33	75.21739	(19120518)	437015.60	3708890.36	75.65531	(21100119)
437078.72	3708880.02	81.27570	(18050502)	437121.81	3708891.27	88.21607	(17090624)
437164.90	3708902.53	81.71135	(18022706)	437207.99	3708913.79	51.85395	(17022021)
437251.08	3708925.05	18.57362	(20021019)	437294.17	3708936.30	16.64708	(18010217)
437337.26	3708947.56	15.30161	(17120817)	437380.35	3708958.82	14.66087	(17022717)
437423.44	3708970.08	14.69686	(21121721)	437466.53	3708981.33	14.85392	(17121417)
437509.62	3708992.59	14.95632	(18020318)	437552.71	3709003.85	14.58803	(20021019)
437595.80	3709015.11	14.60035	(18090307)	437638.89	3709026.36	14.52207	(18090307)
437681.98	3709037.62	14.49629	(18102017)	437725.07	3709048.88	14.87006	(18120916)
436353.35	3709152.33	69.21650	(18010802)	436335.49	3709166.72	68.99817	(18022523)
436317.63	3709181.10	68.68032	(21010623)	436329.73	3709051.90	65.35229	(18011524)
436350.96	3709043.74	65.35767	(17012519)	436372.19			

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3709035.59       65.88887  (17123122)
        436393.42   3709027.43       66.38128  (21092202)                436414.65
3709019.27       67.11840  (17020220)
        436435.89   3709011.11       67.02739  (17010320)                436457.12
3709002.96       67.35152  (18102619)
        436478.35   3708994.80       67.94158  (18102619)                436499.58
3708986.64       67.48290  (21122203)
        436520.81   3708978.48       67.61991  (17040603)                436542.05
3708970.33       68.28568  (21020421)
        436563.28   3708962.17       68.43631  (17011606)                436584.51
3708954.01       68.74566  (21020205)
        436605.74   3708945.85       69.34297  (21020519)                436626.97
3708937.70       69.89455  (21022619)
        436648.21   3708929.54       70.01240  (21121119)                436669.44
3708921.38       70.14767  (21121720)
        436690.67   3708913.22       70.15491  (19020719)                436711.90
3708905.06       70.28425  (21111220)
        436733.13   3708896.91       70.62989  (20121322)                436754.37
3708888.75       70.54384  (18010119)
        436775.60   3708880.59       70.37310  (17101619)                436796.83
3708872.43       70.40768  (21090421)
        436818.06   3708864.28       70.77491  (19090301)                436839.29
3708856.12       70.84888  (20120618)
        436860.53   3708847.96       70.59691  (18120703)                436881.76
3708839.80       70.51170  (17122102)
        436902.99   3708831.65       70.32554  (18083020)                436924.22
3708823.49       70.61173  (18092704)
        436945.45   3708815.33       70.40175  (18102803)                436966.69
3708807.17       71.12146  (20092803)
        436987.92   3708799.01       71.34113  (18010218)                437009.15
3708790.86       70.73842  (21020420)
        437030.38   3708782.70       70.14743  (21020420)                437073.62
3708780.29       76.96628  (18050502)
        437095.63   3708786.04       80.94161  (19092404)                437117.64
3708791.79       82.98185  (21123107)
        437139.64   3708797.54       82.49018  (20010218)                437161.65
3708803.29       78.81808  (19122017)
        437183.66   3708809.04       68.39579  (18022706)                437205.66
3708814.79       53.71453  (18120701)
        437227.67   3708820.54       30.46312  (17122218)                437249.68
3708826.29       16.71538  (18122823)
        437271.68   3708832.04       15.64626  (17022717)                437293.69
3708837.78       15.21078  (18010217)
        437315.70   3708843.53       14.85046  (17120817)                437337.70
3708849.28       14.09319  (18021921)
        437359.71   3708855.03       13.92626  (17123120)                437381.72
3708860.78       13.70703  (17022717)
        437403.72   3708866.53       13.39435  (21121721)                437425.73
3708872.28       13.42703  (21121721)
        437447.74   3708878.03       13.42485  (21121721)                437469.74
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                               *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        437535.76   3708901.03   13.59533 (18020318)   437557.77
3708906.78   13.57285 (18021921)
        437579.77   3708912.53   13.30273 (18021921)   437601.78
3708918.28   13.22666 (18021418)
        437623.79   3708924.03   13.32679 (19122705)   437645.79
3708929.78   13.22295 (19122705)
        437667.80   3708935.52   13.27121 (18090307)   437689.81
3708941.27   13.37519 (19101817)
        437711.81   3708947.02   13.25999 (17123120)   437733.82
3708952.77   13.35037 (17121417)
        437755.83   3708958.52   13.42777 (17123117)   437777.83
3708964.27   13.56152 (17123117)
        437799.84   3708970.02   14.08096 (17022120)   436308.49
3709060.06   65.05389 (21092205)
        436290.63   3709074.45   64.91436 (21021823)   436272.77
3709088.83   64.58519 (20050705)
        436254.90   3709103.22   63.91700 (18010220)   436266.83
3708974.09   62.02564 (17022023)

436287.89 3708965.99 62.21619 (21092205) 436308.95
3708957.90 62.10031 (20110518)
436330.01 3708949.81 62.66070 (20041421) 436351.07
3708941.72 63.15589 (17020220)
436372.13 3708933.63 63.76911 (17010320) 436393.19
3708925.54 63.76980 (17010320)
436414.25 3708917.44 63.97672 (20123002) 436435.31
3708909.35 64.46985 (17122818)
436456.37 3708901.26 64.89622 (17022123) 436477.43
3708893.17 64.66537 (19122301)
436498.49 3708885.08 65.23712 (19021705) 436519.55
3708876.99 65.58138 (21010118)
436540.61 3708868.90 65.36536 (18010523) 436561.67
3708860.80 65.59850 (21020103)
436582.73 3708852.71 65.68980 (17012003) 436603.79
3708844.62 65.80245 (21121720)
436624.85 3708836.53 66.49552 (21120405) 436645.91
3708828.44 66.21708 (21121119)
436666.97 3708820.35 66.36670 (21111220) 436688.03
3708812.25 66.33787 (20091806)
436709.09 3708804.16 66.51259 (20092906) 436730.15
3708796.07 66.52173 (19110519)
436751.21 3708787.98 66.45051 (19110418) 436772.27
3708779.89 66.01219 (17051203)
436793.33 3708771.80 66.58634 (19090301) 436814.39
3708763.70 66.81445 (18013018)
436835.45 3708755.61 66.41378 (20120618) 436856.51
3708747.52 66.27466 (17122102)
436877.57 3708739.43 66.05530 (18083020) 436898.63
3708731.34 66.23445 (17071403)
436919.69 3708723.25 66.51468 (18030420) 436940.75
3708715.15 66.56230 (18080904)
436961.81 3708707.06 66.68209 (18080904) 436982.87
3708698.97 66.64749 (20092803)
437003.93 3708690.88 66.68644 (21102719) 437024.99
3708682.79 67.13648 (18010218)
437067.88 3708680.40 73.28107 (18050502) 437089.71
3708686.10 76.71723 (19041820)
437111.54 3708691.80 78.25100 (20122403) 437133.37
3708697.51 78.29345 (18120701)
437155.20 3708703.21 74.72570 (17020422) 437177.02
3708708.91 66.42750 (18022706)
437220.68 3708720.32 39.43175 (19021703) 437242.51
3708726.02 23.65215 (20012923)
437264.34 3708731.72 15.69879 (20021019) 437286.17
3708737.43 14.74540 (18010217)
437308.00 3708743.13 14.16494 (17022717) 437351.65
3708754.54 12.86455 (21011424)
437373.48 3708760.24 12.80835 (17123120) 437395.31
3708765.94 12.47812 (17022717)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437700.91	3708845.78	12.17265	(18090307)	437722.74	3708851.48	12.08600	(19101817)
437744.56	3708857.19	12.23327	(17123120)	437766.39	3708862.89	12.31611	(18120916)
437810.05	3708874.30	12.50509	(17123117)	437831.88	3708880.00	12.58904	(17123117)
437853.71	3708885.70	12.76472	(17022120)	436245.77	3708982.18	61.70351	(21010623)
436227.91	3708996.56	61.30672	(18020219)	436210.04			

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3709010.95       60.78270  (18010220)
        436192.18   3709025.34       59.94631  (20022019)                436203.96
3708896.26       59.25888  (21010623)
        436245.78   3708880.19       60.41731  (19110824)                436287.61
3708864.12       60.70996  (21090501)
        436329.44   3708848.05       61.76824  (21111419)                436371.26
3708831.98       62.00496  (21121519)
        436413.09   3708815.91       62.14672  (18102619)                436454.92
3708799.84       62.09343  (17011606)
        436496.75   3708783.77       62.56416  (21020201)                436538.57
3708767.70       62.72130  (17012003)
        436580.40   3708751.63       63.00839  (17121318)                436622.23
3708735.56       62.54082  (21121119)
        436664.05   3708719.49       62.59641  (21111220)                436705.88
3708703.41       62.82989  (20092906)
        436747.71   3708687.34       62.39598  (17021420)                436789.53
3708671.27       63.17804  (17110322)
        436831.36   3708655.20       62.65606  (17102518)                436873.19
3708639.13       62.52791  (18083020)
        436915.01   3708623.06       62.09478  (18030420)                436956.84
3708606.99       62.82000  (18080904)
        436998.67   3708590.92       62.73835  (21020420)                437062.17
3708580.51       67.35374  (18010724)
        437105.52   3708591.84       71.91284  (21123107)                437148.87
3708603.17       74.18206  (18022706)
        437192.23   3708614.49       63.58175  (17122918)                437235.58
3708625.82       38.42130  (17022021)
        437278.93   3708637.15       14.55272  (18122823)                437322.29
3708648.47       12.74034  (18010217)
        437365.64   3708659.80       11.75650  (17120817)                437408.99
3708671.12       11.42936  (17022717)
        437452.34   3708682.45       11.36371  (21121721)                437495.70
3708693.78       11.41156  (21121721)
        437539.05   3708705.10       11.53458  (19122705)                437582.40
3708716.43       11.59472  (18020318)
        437625.75   3708727.75       11.55549  (18021921)                437669.11
3708739.08       11.64744  (18021418)
        437712.46   3708750.41       11.31989  (18090307)                437755.81
3708761.73       11.12132  (19122705)
        437799.17   3708773.06       11.29124  (17123117)                437842.52
3708784.39       11.27277  (17120117)
        437885.87   3708795.71       11.88903  (20033118)                436165.18
3708918.68       58.21265  (17022023)
        436147.32   3708933.07       57.42460  (19011821)                436129.45
3708947.46       57.03542  (19121519)
        437017.12   3710105.60      238.35581  (19120218)                436994.30
3710140.34      274.53393  (21121021)
        436986.74   3710060.78      241.38670  (19013120)                436963.92
3710095.51      254.99167  (18121620)
        436955.38   3710021.84      230.39314  (21121720)                436933.55
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3710050.69   216.54196 (21020103)
        436910.73   3710085.43   207.51878 (17022123)   436917.07
3709990.56   194.33834 (21020103)
        436891.76   3710023.24   179.54794 (20012606)   436868.94
3710057.97   178.34155 (17020220)
        436874.41   3709964.06   171.06812 (17022123)   436849.97
3709995.78   164.51595 (19120706)
        436827.15   3710030.52   166.08883 (20091821)   436832.10
3709937.18   157.56419 (21011604)
        436857.13   3709909.61   175.46290 (21122203)   436808.18
3709968.33   152.87848 (18011119)
        436785.36   3710003.06   154.09762 (18010802)   436789.97
3709910.11   145.57125 (21121020)
        436814.29   3709883.30   157.29881 (17020220)   436766.39
3709940.87   143.00587 (17020823)
        436743.57   3709975.61   142.79163 (19011821)   436749.92
3709880.74   135.25999 (20091821)
        436777.72   3709850.11   137.31565 (17020221)   436724.61
3709913.42   132.91546 (17020904)
        436701.79   3709948.15   134.70035 (21010704)   436707.63
3709853.83   127.09928 (18011220)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

```
        436734.44   3709824.29      128.89354  (21011319)              436761.25
3709794.76      130.43705  (17020824)
        436682.82   3709885.96      124.75621  (18010705)              436660.00
3709920.70      128.57859  (21010701)
        436665.47   3709826.78      118.29402  (20011720)              436691.54
3709798.07      121.95898  (18122320)
        436717.60   3709769.35      121.96053  (20010219)              436641.03
3709858.51      119.02028  (20120520)
        436618.21   3709893.24      123.35948  (21010607)              436582.77
3709770.92      108.50911  (21010806)
        436610.57   3709740.29      106.87077  (17122219)              436638.37
3709709.66      108.98738  (21021823)
        436666.17   3709679.03      108.73540  (17012519)              436557.46
3709803.60      109.66501  (21010607)
        436534.64   3709838.33      110.94787  (20013120)              436498.56
3709716.70       98.81143  (21010607)
        436525.10   3709687.46       98.70299  (21010701)              436551.63
3709658.23       98.33217  (17020904)
        436578.17   3709628.99      101.05035  (20120619)              436604.71
3709599.75      101.84879  (21111320)
        436473.88   3709748.69       99.24733  (21011324)              436451.06
3709783.42      100.10419  (20122107)
        436415.61   3709661.10       90.50778  (20012708)              436443.42
3709630.47       90.41072  (21122202)
        436471.22   3709599.84       90.87790  (21010806)              436499.02
3709569.21       91.68725  (19121519)
        436526.82   3709538.58       94.25170  (20050705)              436390.30
3709693.78       90.61492  (20010420)
        436367.48   3709728.51       90.88253  (20121703)              436331.54
3709606.73       83.68378  (20120523)
        436358.35   3709577.20       83.84464  (17122619)              436385.16
3709547.66       84.20601  (21010701)
        436411.97   3709518.13       85.01748  (21121703)              436438.78
3709488.59       84.62007  (19011821)
        436465.59   3709459.05       85.61075  (21111407)              436306.73
3709638.87       83.82801  (20120904)
        436283.91   3709673.60       83.41476  (21011204)              436248.46
3709551.28       77.50205  (18012219)
        436276.26   3709520.65       77.70547  (18010624)              436304.07
3709490.02       77.82641  (21011324)
        436331.87   3709459.39       77.78968  (18122222)              436359.67
3709428.76       78.51055  (21010806)
        436387.47   3709398.13       78.11921  (19121519)              436415.27
3709367.50       78.89859  (21111407)
        436223.15   3709583.96       77.02449  (21121102)              436200.33
3709618.69       77.61576  (20120903)
        436164.48   3709496.82       72.11808  (20121703)              436191.46
3709467.09       72.21950  (21011306)
        436218.45   3709437.36       72.64668  (20091722)              436245.43
3709407.63       72.47506  (17122619)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435997.57	3709239.75	59.81077	(21011306)	436025.37	3709209.12	60.05828	(18010624)
436053.17	3709178.49	60.14894	(17122619)	436080.97	3709147.86	60.10001	(20121921)
436108.77	3709117.23	59.80262	(21010806)	436136.57	3709086.60	59.81339	(20120520)
436164.38	3709055.97	59.91897	(20120520)	435888.85	3709364.32	59.31316	(20100505)
435866.03	3709399.05	59.54061	(20012402)	435830.28	3709277.06	56.12260	(18012120)
435857.48	3709247.10	56.68624	(18052305)	435884.68	3709217.13	56.24517	(21022024)
435911.87	3709187.17	56.68586	(20122503)	435939.07	3709157.20	56.66456	(20120119)
435966.27	3709127.24	56.70041	(20091722)	435993.47	3709097.28	56.77384	(17122619)
436020.66	3709067.31	56.83037	(20121921)	436047.86	3709037.35	56.49344	(17010420)
436075.06	3709007.38	56.56007	(20120421)	436102.26	3708977.42	56.68038	(21010704)
435805.27	3709309.41	55.95533	(18121418)	435782.45	3709344.14	56.56189	(20122106)
436986.12	3710169.40	289.03679	(21121720)	436986.86	3710192.47	299.17494	(20121819)
436987.61	3710215.54	312.89942	(21120124)	436941.60	3710151.64	249.68159	(17020221)
436936.89	3710194.09	258.96797	(21010405)	436937.63	3710217.16	267.35077	(18011119)
436892.31	3710150.83	204.96473	(20091821)	436898.45	3710129.03	201.78629	(18020219)
436904.59	3710107.23	203.08456	(18010803)	436886.17	3710172.63	207.24351	(21021823)
436886.91	3710195.70	211.31367	(18080906)	436887.66	3710218.77	218.47042	(21122608)
436841.65	3710154.87	191.77554	(20120520)	436852.57	3710116.11	186.40932	(18010220)
436836.94	3710197.32	202.96002	(17121518)	436837.68	3710220.39	206.49602	(18101406)
436792.07	3710155.10	182.55165	(20122407)	436803.76	3710113.57	176.57563	(18011718)
436815.46	3710072.04	169.41151	(20022019)	436786.97			

3710198.93   187.38683 (17121819)
        436787.71   3710222.00   190.56765 (17021606)   436742.39
3710155.67   170.36624 (20120903)
        436748.53   3710133.87   168.89670 (20121703)   436754.66
3710112.07   167.69122 (21011324)
        436760.80   3710090.27   165.57653 (21011008)   436766.94
3710068.47   162.84271 (18011718)
        436773.08   3710046.66   159.06423 (19121722)   436779.22
3710024.86   155.90948 (20122523)
        436736.25   3710177.47   171.48359 (21011807)   436736.99
3710200.54   173.52378 (18121322)
        436737.74   3710223.61   176.24750 (18011121)   436692.00
3710158.74   159.74380 (21022223)
        436703.46   3710118.04   158.44396 (20120903)   436714.92
3710077.35   155.98656 (20010420)
        436726.38   3710036.65   152.00342 (21011324)   436687.02
3710202.16   162.18028 (19122120)
        436687.76   3710225.23   165.21234 (18121508)   436642.25
3710159.56   149.31686 (20100124)
        436654.16   3710117.28   148.72966 (18121322)   436666.07
3710075.00   147.06161 (21010206)
        436677.97   3710032.71   145.23141 (20010420)   436689.88
3709990.43   140.70307 (18020622)
        436637.04   3710203.77   150.93957 (21011523)   436637.79
3710226.84   152.97907 (18011402)
        436592.46   3710160.51   140.39827 (18121508)   436598.60
3710138.71   140.14072 (20100102)
        436604.74   3710116.91   139.66386 (20100124)   436610.88
3710095.11   139.22000 (19110920)
        436617.02   3710073.31   138.84820 (19110901)   436623.16
3710051.51   138.46780 (21011204)
        436629.30   3710029.70   137.23055 (21010206)   436635.44
3710007.90   136.44578 (17121006)
        436641.58   3709986.10   135.38299 (20010420)   436647.72
3709964.30   133.67869 (17121518)
        436653.86   3709942.50   130.96436 (21011324)   436586.32
3710182.31   140.33910 (18011402)
        436587.07   3710205.38   141.91833 (18011508)   436587.81
3710228.45   142.57203 (21122423)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911

, L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

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        436414.87   3709911.94      103.80767  (20120424)                436426.93
3709869.10      103.03144  (21011023)
        436439.00   3709826.26      101.23839  (20122404)                436337.20
3710213.45      105.26547  (20121923)
        436337.94   3710236.52      106.03266  (20121923)                436242.74
3710171.46       95.48907  (18011803)
        436248.98   3710149.32       95.27986  (18013122)                436255.22
3710127.17       95.18694  (20020106)
        436261.45   3710105.02       95.69549  (20022721)                436267.69
3710082.87       96.94370  (20011320)
        436273.93   3710060.73       97.36226  (17013104)                436280.17
3710038.58       97.50659  (17122721)
        436286.40   3710016.43       97.27722  (18012923)                436292.64
3709994.28       96.95229  (19121723)
        436298.88   3709972.14       96.72432  (18020124)                436305.11
3709949.99       96.53101  (20020119)
        436311.35   3709927.84       96.15576  (20010704)                436317.59
3709905.69       95.55683  (20022702)
        436323.82   3709883.54       94.88327  (18011121)                436330.06
3709861.40       94.55981  (18011805)
        436336.30   3709839.25       93.92672  (18010502)                436342.54
3709817.10       93.30111  (17121921)
        436348.77   3709794.95       92.89777  (20122703)                436355.01
3709772.81       92.37227  (20091623)
        436361.25   3709750.66       91.06448  (21121102)                436236.51
3710193.61       95.92493  (18112723)
        436237.25   3710216.68       95.84832  (18011322)                436238.00
3710239.75       97.53353  (21011805)
        436142.70   3710175.04       87.71814  (18020723)                436148.84
3710153.24       88.11074  (18020723)
        436154.98   3710131.43       87.71323  (18011803)                436161.12
3710109.63       87.35412  (18020401)
        436167.26   3710087.83       87.24583  (18020204)                436173.40
3710066.03       87.24892  (20020106)
        436179.54   3710044.23       88.73155  (21111303)                436185.68
3710022.43       89.24217  (17013104)
        436191.81   3710000.62       89.38092  (19012001)                436197.95
3709978.82       89.32502  (18011324)
        436204.09   3709957.02       89.07831  (18020307)                436210.23
3709935.22       88.82506  (19121723)
        436216.37   3709913.42       88.68566  (17120803)                436222.51
3709891.62       88.42931  (18021323)
        436228.65   3709869.82       88.12210  (18012420)                436234.79
3709848.01       87.60688  (20022804)
        436240.93   3709826.21       87.26590  (17123006)                436247.07
3709804.41       86.68984  (18013124)
        436253.21   3709782.61       86.52056  (17122320)                436259.35
3709760.81       85.70874  (20020202)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
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                            *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

3710137.14 76.05705 (20120804)
435961.50 3710115.09 75.78554 (21011401) 435967.71
3710093.03 75.44316 (20121923)
435973.92 3710070.98 75.41241 (20122319) 435980.13
3710048.93 75.12446 (18011120)
435986.34 3710026.88 74.60825 (18020401) 435992.55
3710004.82 74.62977 (18010223)
435998.76 3709982.77 74.67951 (18010223) 436004.97
3709960.72 75.56897 (18012704)
436011.18 3709938.67 76.42005 (20121601) 436017.39
3709916.62 76.68913 (20121601)
436023.60 3709894.56 76.81515 (17013024) 436029.81
3709872.51 76.52672 (18012923)
436036.02 3709850.46 76.35944 (18011205) 436042.23
3709828.41 76.09713 (17011607)
436048.44 3709806.36 75.83582 (18121005) 436054.66
3709784.30 75.70275 (17122821)
436060.87 3709762.25 75.51747 (19121508) 436067.08
3709740.20 75.12947 (20010704)
436073.29 3709718.15 74.36881 (18121804) 436079.50
3709696.10 73.88413 (18021607)
436085.71 3709674.04 73.21234 (18011121) 436091.92
3709651.99 73.05727 (18011805)
436098.13 3709629.94 72.77880 (17122621) 436104.34
3709607.89 72.34447 (18020221)
436110.55 3709585.83 72.40700 (18121823) 435936.66
3710203.29 78.31341 (19110604)
435937.41 3710226.36 76.44861 (17122921) 435938.15
3710249.43 76.90656 (21012104)
435842.85 3710184.72 73.35444 (21070705) 435848.99
3710162.92 73.76623 (19110604)
435855.13 3710141.12 71.85673 (19110604) 435861.27
3710119.32 71.85326 (18112723)
435867.41 3710097.51 71.23447 (20120804) 435873.55
3710075.71 70.35337 (18020222)
435879.69 3710053.91 70.44865 (18011322) 435885.83
3710032.11 70.35154 (20122319)
435891.97 3710010.31 70.06532 (18011120) 435898.11
3709988.51 69.61339 (18020401)
435904.25 3709966.70 69.50008 (18013122) 435910.39
3709944.90 69.45985 (18020204)
435916.53 3709923.10 69.74359 (17121901) 435922.67
3709901.30 70.91338 (21111303)
435928.81 3709879.50 71.42829 (18011204) 435934.95
3709857.70 71.58970 (21122423)
435941.09 3709835.90 71.38164 (17013024) 435947.23
3709814.09 71.21709 (18122020)
435953.37 3709792.29 71.11937 (18010507) 435959.51
3709770.49 70.93057 (21111424)
435965.65 3709748.69 70.68101 (18121005) 435971.78

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0003910   , L0003911
, L0003912   , L0003913   , L0003914   ,
                  L0003915   , L0003916   , L0003917   , L0003918   , L0003919
, L0003920   , L0003921   , L0003922   ,
                  L0003923   , L0003924   , L0003925   , L0003926   , L0003927
, L0003928   , L0003929   , L0003930   ,
                  L0003931   , L0003932   , L0003933   , L0003934   , L0003935
, L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        436014.76   3709574.28   67.72221 (20120423)   436020.90
3709552.48   67.33933 (18010502)
        436027.04   3709530.67   66.96035 (20012402)   435836.72
3710206.52   70.73211 (17122921)
        435837.46   3710229.59   71.43478 (17121022)   435838.21
3710252.66   71.21904 (19012903)
        435742.85   3710188.16   66.67912 (20120818)   435748.93
3710166.56   66.61903 (17122921)
        435761.09   3710123.37   67.75888 (21031806)   435773.25
3710080.19   66.64523 (21011805)
        435779.33   3710058.59   66.74267 (20120804)   435791.50
3710015.40   65.95743 (20121923)
        435797.58   3709993.81   65.85037 (20122319)   435809.74
3709950.62   65.36895 (17011608)

435821.90 3709907.43 64.89602 (17122701) 435827.98
3709885.84 64.87158 (17120202)
435840.15 3709842.65 66.54408 (20121601) 435846.23
3709821.06 66.77023 (17013024)
435858.39 3709777.87 66.50627 (20121807) 435870.55
3709734.68 66.01255 (18010507)
435876.63 3709713.09 65.86634 (18011323) 435888.79
3709669.90 65.34332 (17120803)
435894.87 3709648.31 65.13563 (20010708) 435907.04
3709605.12 64.77510 (20020608)
435919.20 3709561.93 64.19576 (17122902) 435925.28
3709540.34 63.86533 (20022718)
435937.44 3709497.15 63.41876 (20120701) 435737.51
3710232.82 66.76375 (19012903)
435738.26 3710255.89 66.78260 (19012701) 435643.01
3710190.98 62.73957 (17121022)
435649.21 3710168.98 62.76098 (20120818) 435655.40
3710146.98 62.56345 (17122921)
435661.60 3710124.98 64.41959 (20101104) 435667.79
3710102.99 64.95833 (20030806)
435673.99 3710080.99 62.64321 (19121506) 435680.18
3710058.99 62.79784 (21041604)
435686.38 3710036.99 62.40186 (21011805) 435692.57
3710015.00 62.63909 (17122308)
435698.77 3709993.00 61.82512 (18011322) 435704.96
3709971.00 62.08837 (18020723)
435711.16 3709949.00 61.85808 (20122319) 435717.35
3709927.00 61.70842 (18011803)
435723.55 3709905.01 61.50425 (19012722) 435729.74
3709883.01 61.42498 (18013122)
435735.94 3709861.01 61.14715 (20020106) 435742.13
3709839.01 61.23944 (21122021)
435748.33 3709817.01 61.65991 (17121901) 435754.52
3709795.02 62.33333 (17121901)
435760.72 3709773.02 62.47451 (19012804) 435766.91
3709751.02 62.57090 (18011404)
435773.11 3709729.02 62.35798 (20121807) 435779.30
3709707.02 62.35054 (18011323)
435785.50 3709685.03 62.51084 (19010908) 435791.69
3709663.03 62.23098 (18020820)
435797.89 3709641.03 62.10093 (17031905) 435804.08
3709619.03 61.60397 (19121508)
435810.28 3709597.03 61.98730 (18121508) 435816.47
3709575.04 62.17827 (20010708)
435822.66 3709553.04 61.97471 (20020119) 435828.86
3709531.04 61.13651 (17050206)
435835.05 3709509.04 60.89705 (17050206) 435841.25
3709487.04 60.62923 (19122120)
435847.44 3709465.05 60.26332 (18021607) 435853.64
3709443.05 60.07180 (19012905)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435859.83	3709421.05	59.77538	(17122907)	435636.82	3710212.98	62.58389	(19012903)
435637.56	3710236.05	62.60884	(18122603)	435638.31	3710259.12	63.74033	(18012922)
435543.01	3710194.40	58.93557	(19012701)	435549.15	3710172.60	58.76629	(17121022)
435555.29	3710150.80	59.20180	(20120818)	435561.43	3710129.00	58.84537	(20120818)
435567.57	3710107.20	60.34399	(21031806)	435573.71	3710085.40	62.26750	(20101104)
435579.85	3710063.59	60.57726	(21110223)	435585.99	3710041.79	58.97255	(19110604)
435592.13	3710019.99	59.24765	(21011805)	435598.27	3709998.19	59.80551	(21011401)
435604.41	3709976.39	59.45928	(21012808)	435610.55	3709954.59	59.28890	(18012108)
435616.69	3709932.78	58.95109	(21012808)	435622.83	3709910.98	59.26725	(21010208)
435628.96	3709889.18	58.98521	(21020101)	435635.10	3709867.38	58.68313	(17010723)
435641.24	3709845.58	58.66896	(18013122)	435647.38			

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3709823.78       58.58223  (18010223)
        435653.52   3709801.98       58.37176  (18010223)                435659.66
3709780.17       58.48159  (18010224)
        435665.80   3709758.37       58.70687  (21111303)                435671.94
3709736.57       59.02961  (18011204)
        435678.08   3709714.77       58.91165  (17013024)                435684.22
3709692.97       58.94177  (17010805)
        435690.36   3709671.17       58.87428  (21013123)                435696.50
3709649.36       58.91254  (18011323)
        435702.64   3709627.56       59.05895  (21011405)                435708.78
3709605.76       59.05363  (18020820)
        435714.92   3709583.96       59.05897  (18020820)                435721.06
3709562.16       59.13746  (19100607)
        435727.20   3709540.36       59.38902  (21011523)                435733.34
3709518.56       60.20580  (18011208)
        435739.48   3709496.75       60.07096  (19121508)                435745.62
3709474.95       58.92160  (20020119)
        435751.76   3709453.15       58.19534  (18012320)                435757.89
3709431.35       58.07494  (21011522)
        435764.03   3709409.55       57.69911  (18020822)                435770.17
3709387.75       57.30275  (17100620)
        435776.31   3709365.94       57.11524  (19012905)                435536.87
3710216.20       58.76789  (18122603)
        435537.62   3710239.27       59.45159  (20022624)                435538.36
3710262.34       59.36177  (21010723)
        436998.29   3710253.17      329.39425  (21120806)                437006.23
3710275.99      340.54673  (17121621)
        437014.16   3710298.81      364.36464  (17121621)                436943.13
3710246.78      286.66779  (18011119)
        436951.07   3710269.60      310.53944  (21021823)                436959.00
3710292.42      337.32961  (21011221)
        436966.94   3710315.24      364.90908  (17122219)                436891.78
3710240.99      227.82275  (18011718)
        436895.90   3710263.20      236.83723  (21012608)                436903.84
3710286.02      248.21369  (18011718)
        436911.78   3710308.84      265.10088  (21052406)                436919.71
3710331.66      285.15314  (19051106)
        436845.01   3710259.88      216.20371  (20122108)                436856.62
3710302.45      225.18273  (18121322)
        436864.55   3710325.27      231.67812  (20122405)                436872.49
3710348.09      242.29263  (21011402)
        436798.02   3710277.54      200.54228  (17122902)                436809.39
3710318.87      210.97854  (19010908)
        436817.33   3710341.69      216.36732  (18011508)                436825.26
3710364.51      221.19926  (20090522)
        436750.11   3710290.26      186.43464  (20012308)                436745.98
3710268.05      184.27757  (20020119)
        436741.86   3710245.83      179.99189  (18020822)                436754.23
3710312.48      189.37965  (19122108)
        436762.16   3710335.30      193.93839  (20090522)                436770.10
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3710358.12   194.82661 (17102107)
        436778.04   3710380.94   196.23940 (17122308)   436703.15
3710308.17   173.51494 (20090522)
        436695.46   3710266.70   169.17779 (18020820)   436714.94
3710351.72   174.12179 (17122823)
        436722.88   3710374.54   178.72885 (17122308)   436730.81
3710397.36   183.55826 (21090405)
        436655.38   3710321.63   157.29703 (20022801)   436650.98
3710297.93   156.75337 (20022721)
        436646.58   3710274.24   156.95594 (21010508)   436642.19
3710250.54   154.78126 (19010908)
        436659.78   3710345.33   159.20593 (17122308)   436667.71
3710368.15   167.51171 (21110223)
        436675.65   3710390.97   165.10546 (19062806)   436683.59
3710413.79   169.60633 (20101104)
        436608.43   3710339.54   147.85148 (17122308)   436604.31
3710317.32   145.61129 (19011923)
        436600.18   3710295.10   144.16701 (18122608)   436591.94
3710250.67   144.44569 (20112104)
        436612.55   3710361.75   150.63775 (21090405)   436620.49
3710384.57   152.11028 (20120818)
        436628.43   3710407.39   154.23639 (21011802)   436636.36
3710430.21   156.41426 (19012308)
        436561.40   3710357.02   140.81420 (19062806)   436553.55
3710314.70   136.23416 (19011923)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436545.69	3710272.38	133.91213	(17011608)	436573.26	3710401.00	142.51931	(21011802)
436581.20	3710423.82	144.46847	(18121805)	436589.14	3710446.64	145.58334	(20122105)
436466.75	3710388.81	125.49138	(18121805)	436462.63	3710366.59	125.77164	(20120818)
436454.38	3710322.16	124.39493	(20030806)	436450.26	3710299.94	122.12749	(19121506)
436446.14	3710277.73	119.54771	(21011401)	436442.02	3710255.51	118.50535	(20121923)
436470.88	3710411.03	125.91335	(18012922)	436478.81	3710433.85	127.23329	(21010721)
436486.75	3710456.67	129.48463	(21011722)	436494.69	3710479.49	130.96267	(20122619)
436372.15	3710420.84	113.41289	(19121719)	436367.87	3710397.80	112.91648	(19122019)
436363.60	3710374.76	112.07877	(21012104)	436359.32	3710351.72	111.11297	(18121805)
436355.05	3710328.68	110.27024	(20120818)	436350.77	3710305.64	110.78143	(19062806)
436346.50	3710282.60	109.85902	(21011401)	436342.22	3710259.56	107.07290	(18020222)
436376.43	3710443.88	114.22881	(20102504)	436384.36	3710466.70	115.79667	(21010722)
436392.30	3710489.52	117.00681	(18010505)	436400.24	3710512.34	117.96288	(20123104)
436277.58	3710453.03	104.52358	(20122105)	436273.18	3710429.33	103.72125	(19012422)
436268.78	3710405.63	102.99807	(19122019)	436264.38	3710381.94	102.31526	(19122019)
436259.99	3710358.24	101.59180	(20120818)	436255.59	3710334.54	100.57281	(20101104)
436251.19	3710310.84	99.44266	(18121805)	436246.79	3710287.15	98.93603	(17121024)
436242.39	3710263.45	100.06018	(20030806)	436281.98	3710476.73	105.13365	(20122619)
436289.91	3710499.55	106.20148	(17021401)	436297.85	3710522.37	107.05209	(20123104)
436305.79	3710545.19	109.23993	(18102607)	436183.40	3710487.36	96.58878	(18010505)
436175.16	3710442.93	95.27414	(18122121)	436171.03	3710420.71	94.74397	(21101620)
436166.91	3710398.49	94.33857	(20102504)	436162.79	3710376.28	94.00272	(18012922)
436158.66	3710354.06	93.21700	(20040703)	436154.54	3710331.84	92.17620	(20040703)

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        436146.29   3710287.41       90.62013  (17122921)               436142.17
3710265.19       90.19312  (17121024)
        436187.52   3710509.57       97.15430  (20120206)               436195.46
3710532.39       97.56716  (17012621)
        436203.40   3710555.21       99.85931  (20012322)               436211.33
3710578.03      102.04502  (19123003)
        436088.85   3710519.64       89.31164  (18013107)               436084.62
3710496.85       89.09428  (18121006)
        436080.39   3710474.07       88.36798  (19121202)               436076.16
3710451.28       87.94740  (20010520)
        436071.93   3710428.49       87.40342  (20122201)               436067.70
3710405.71       86.73887  (18122121)
        436063.47   3710382.92       86.37455  (19122019)               436059.24
3710360.14       86.42097  (19122019)
        436055.02   3710337.35       86.13270  (18012922)               436050.79
3710314.56       84.69439  (18012922)
        436046.56   3710291.78       83.98527  (17121022)               436042.33
3710268.99       83.04553  (17122921)
        436093.07   3710542.42       89.88025  (19121924)               436101.01
3710565.24       92.20435  (20021207)
        436108.95   3710588.06       93.76827  (18012918)               436116.88
3710610.88       94.80853  (19121620)
        435994.30   3710552.00       83.06955  (19120507)               435989.98
3710528.72       82.33671  (18012222)
        435985.67   3710505.45       82.16345  (20120206)               435981.35
3710482.18       81.99746  (20122224)
        435977.03   3710458.90       81.27180  (21013124)               435972.71
3710435.63       80.91432  (19121205)
        435968.39   3710412.35       80.50224  (19121205)               435964.07
3710389.08       80.15682  (18121622)
        435959.75   3710365.81       79.84543  (19122122)               435955.43
3710342.53       79.93661  (19122019)
        435951.11   3710319.26       79.75728  (18012922)               435946.79
3710295.98       78.52754  (21012104)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                      ***        07:59:17

                                   PAGE 815
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
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L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435942.47	3710272.71	77.75760	(20120818)	435998.62	3710575.27	84.84959	(19123003)
436006.56	3710598.09	86.11809	(18022124)	436014.50	3710620.91	87.20377	(21010422)
436022.43	3710643.73	87.98066	(18122921)	435899.77	3710584.43	78.62325	(19120507)
435895.38	3710560.73	77.36515	(19120507)	435890.98	3710537.03	75.82943	(17122420)
435886.58	3710513.33	75.90250	(20122224)	435882.18	3710489.64	75.90927	(17120804)
435877.79	3710465.94	75.42659	(18121006)	435873.39	3710442.24	75.12462	(19041204)
435868.99	3710418.54	74.62184	(18011804)	435864.59	3710394.85	73.89383	(19120501)
435860.19	3710371.15	73.42949	(21101620)	435855.80	3710347.45	73.34285	(19122122)
435851.40	3710323.75	73.31339	(20022624)	435847.00	3710300.06	73.39932	(18012922)
435842.60	3710276.36	71.92924	(21012104)	435904.17	3710608.12	79.32155	(19011221)
435912.11	3710630.94	80.14607	(20121706)	435920.05	3710653.76	80.72256	(18020722)
435927.98	3710676.58	81.53319	(20011304)	435805.52	3710618.32	74.31398	(17121120)
435801.31	3710595.67	73.87928	(21021603)	435797.11	3710573.02	73.08829	(18120223)
435792.91	3710550.36	71.32397	(21020107)	435788.70	3710527.71	70.71250	(20021604)
435784.50	3710505.06	70.54284	(18013107)	435780.30	3710482.41	70.30431	(18010505)
435776.09	3710459.76	69.81437	(18121006)	435771.89	3710437.10	69.88457	(18112206)
435767.68	3710414.45	69.31441	(18112206)	435763.48	3710391.80	68.70697	(19121205)
435759.28	3710369.15	68.36539	(19121607)	435755.07	3710346.50	68.35438	(18121622)
435750.87	3710323.84	67.95097	(19122122)	435746.66			

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3710301.19       68.04460  (19012620)
        435742.46   3710278.54       68.21904  (18012922)                435809.72
3710640.97       75.08122  (17031607)
        435817.66   3710663.79       75.49916  (19013002)                435825.60
3710686.61       76.51804  (17021523)
        435833.53   3710709.43       76.70268  (18020507)                435711.00
3710650.78       74.71525  (17122722)
        435706.72   3710627.74       72.68464  (19010508)                435702.44
3710604.70       71.01222  (19020108)
        435698.17   3710581.66       69.15182  (18121323)                435693.89
3710558.63       67.74899  (20121808)
        435689.62   3710535.59       66.18309  (19022601)                435685.34
3710512.55       66.29267  (20121902)
        435681.07   3710489.51       66.98430  (17021401)                435676.79
3710466.47       67.09585  (18010505)
        435672.51   3710443.43       67.10332  (21013124)                435668.24
3710420.39       66.44406  (21010722)
        435663.96   3710397.35       65.53621  (20122201)                435659.69
3710374.31       64.54610  (21092804)
        435655.41   3710351.27       63.90593  (20022720)                435651.14
3710328.23       63.77559  (18121622)
        435646.86   3710305.19       63.43109  (19122122)                435642.59
3710282.16       63.52441  (20022624)
        435715.27   3710673.82       74.92636  (19011424)                435723.21
3710696.64       74.80503  (21012706)
        435731.14   3710719.46       75.45233  (18011622)                435739.08
3710742.28       75.89702  (18011622)
        435616.48   3710683.29       72.19714  (19011424)                435612.14
3710659.90       71.92783  (18121202)
        435607.80   3710636.51       72.00095  (17122722)                435603.46
3710613.13       72.24760  (21051906)
        435599.12   3710589.74       72.63563  (19020108)                435594.78
3710566.36       71.71012  (18121323)
        435590.44   3710542.97       70.31532  (19010508)                435586.10
3710519.59       69.29580  (21051906)
        435581.76   3710496.20       68.75949  (20123104)                435577.42
3710472.81       67.35032  (17121107)
        435573.08   3710449.43       65.96414  (21013124)                435568.74
3710426.04       64.99382  (21010722)
        435564.40   3710402.66       63.82139  (20122619)                435560.06
3710379.27       61.67140  (20122201)
        435555.72   3710355.89       60.44969  (20122105)                435551.38
3710332.50       59.87006  (20022720)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 816
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435547.04	3710309.12	59.80153	(19122021)	435542.70	3710285.73	59.35092	(19122122)
435620.82	3710706.67	72.25496	(21012706)	435628.76	3710729.49	72.86661	(18011401)
435636.69	3710752.31	74.30702	(20013019)	435644.63	3710775.13	77.00033	(18031607)
437027.39	3710326.68	360.35878	(20122018)	437038.31	3710349.01	320.84653	(20020424)
437049.22	3710371.33	332.70526	(19040407)	436982.47	3710348.64	412.09757	(18022523)
436993.39	3710370.97	447.01031	(18022523)	437004.30	3710393.30	490.99004	(20112504)
436937.55	3710370.61	334.01145	(20120903)	436948.47	3710392.93	370.78488	(18020101)
436959.39	3710415.26	416.35612	(21122223)	436881.72	3710370.24	251.89165	(18120808)
436892.63	3710392.57	264.76088	(19012408)	436903.55	3710414.89	291.30862	(18011508)
436914.47	3710437.22	357.73937	(21110223)	436836.80	3710392.20	225.85548	(17011608)
436847.72	3710414.53	232.25434	(21110223)	436858.63	3710436.86	248.33760	(19062806)
436869.55	3710459.18	271.27669	(20030806)	436791.88	3710414.17	210.61677	(21090405)
436802.80	3710436.49	205.00154	(20120818)	436813.71	3710458.82	212.99163	(19012308)
436824.63	3710481.15	239.99178	(20010308)	436746.96	3710436.13	185.68243	(20101104)

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        436757.88   3710458.46      188.18104  (20010308)              436768.80
3710480.78      194.70851  (17120108)
        436779.71   3710503.11      207.90511  (20121808)              436692.82
3710435.94      169.74392  (19012308)
        436702.05   3710458.09      169.50099  (21123108)              436712.96
3710480.42      172.43331  (21110223)
        436723.88   3710502.75      174.40600  (21011722)              436734.80
3710525.07      181.42227  (19120306)
        436650.21   3710463.44      158.43430  (20022720)              436668.04
3710502.38      160.93753  (21011722)
        436678.96   3710524.71      168.21079  (19011221)              436689.88
3710547.04      173.97294  (20101601)
        436604.52   3710483.56      149.69146  (20101321)              436623.13
3710524.34      156.53463  (21021603)
        436634.04   3710546.67      160.30514  (18102607)              436644.96
3710569.00      164.04797  (19120102)
        436513.14   3710523.79      134.24705  (19011221)              436503.92
3710501.64      132.14029  (20122619)
        436522.37   3710545.94      138.06993  (21021603)              436533.29
3710568.27      141.04622  (17122722)
        436544.21   3710590.60      143.62879  (21020623)              436555.12
3710612.92      146.67686  (20091805)
        436424.46   3710570.49      124.64434  (18122719)              436443.45
3710612.20      128.47148  (19120102)
        436454.37   3710634.52      130.85138  (20010306)              436465.29
3710656.85      133.12926  (21013122)
        436333.47   3710611.64      115.02115  (17121120)              436324.24
3710589.49      113.29588  (20101601)
        436315.01   3710567.34      111.70708  (18120223)              436342.70
3710633.79      116.36098  (18020507)
        436353.62   3710656.12      118.22239  (19011806)              436364.53
3710678.45      120.10330  (19121204)
        436375.45   3710700.77      122.27608  (20122804)              436244.56
3710657.78      106.62799  (20011224)
        436227.95   3710617.91      104.51287  (20101601)              436263.78
3710700.05      109.24046  (19121204)
        436274.70   3710722.37      111.10623  (18011820)              436285.61
3710744.70      112.51963  (19122803)
        436153.80   3710699.49       99.15234  (18122601)              436144.57
3710677.34       97.93103  (17121219)
        436135.34   3710655.19       97.07035  (20121422)              436126.11
3710633.04       95.89739  (18020722)
        436163.03   3710721.65      100.18557  (19010402)              436173.94
3710743.97      101.60095  (18021320)
        436184.86   3710766.30      102.73769  (19122803)              436195.78
3710788.63      104.40315  (18011021)
        436064.73   3710745.27       92.11244  (19010402)              436047.81
3710704.65       90.60038  (21022407)
        436084.11   3710787.90       94.05440  (21122904)              436095.03
3710810.22       95.17564  (21122420)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435964.90	3710765.19	84.40879	(19010402)	435955.67	3710743.04	83.80098	(18120419)
435946.44	3710720.89	82.89433	(18011106)	435937.21	3710698.74	82.02053	(18121101)
435983.36	3710809.50	85.75459	(21121223)	435994.27	3710831.82	86.58186	(21021703)
436005.19	3710854.15	87.50310	(21012201)	436016.11	3710876.48	88.73393	(21011701)
435884.95	3710832.85	82.17991	(21122419)	435867.81	3710791.71	80.35753	(19010501)
435850.67	3710750.57	77.95413	(19022706)	435904.44	3710875.75	83.64616	(18020403)
435915.35	3710898.08	83.86510	(18021722)	435926.27	3710920.40	84.05365	(17013001)
435794.45	3710875.20	81.09734	(17021320)	435785.23	3710853.04	81.84203	(18012708)
435776.00	3710830.89	82.48059	(20090605)	435766.77	3710808.74	81.55177	(18012519)
435757.54	3710786.59	79.56234	(18122524)	435748.31			

3710764.43 77.50322 (21111121)
435803.68 3710897.35 80.69178 (18020403) 435814.60
3710919.67 80.07958 (21032707)
435825.52 3710942.00 79.35250 (21032707) 435836.43
3710964.33 78.60654 (21010919)
435705.19 3710920.51 77.57420 (20122621) 435687.89
3710878.97 79.74321 (17080606)
435670.59 3710837.43 81.54119 (19010501) 435724.76
3710963.60 76.62014 (20022904)
435735.68 3710985.93 74.84964 (21010123) 435746.60
3711008.25 73.69431 (19101307)
437052.65 3710321.47 254.13703 (19072206) 437017.82
3710373.27 471.31836 (18010719)
436964.72 3710362.63 383.91360 (20050705) 436881.73
3710306.83 239.01887 (21011607)
436863.46 3710244.40 219.30779 (17121518) 436828.63
3710296.20 213.66633 (18020822)
436810.36 3710233.77 200.14621 (21101407) 436662.66
3710184.60 155.30580 (19122120)
436538.19 3710100.90 129.05919 (18012419) 436383.83
3709972.03 104.01031 (18121403)
436289.23 3709933.50 94.81481 (17010802) 436123.27
3709821.90 80.05118 (18021323)
435920.75 3709585.43 64.55271 (18021321) 436987.78
3710422.82 492.95656 (18052305)
436981.82 3710445.14 561.48156 (19121506) 436975.87
3710467.47 557.46027 (18121805)
436969.92 3710489.80 591.76392 (20030806) 436921.61
3710476.92 449.49670 (21110503)
436904.79 3710367.02 275.28422 (18121508) 436851.94
3710364.15 234.58211 (19122108)
436776.67 3710438.27 197.41339 (21110503) 436746.22
3710358.41 184.38543 (21020101)
436726.55 3710282.45 178.89469 (18012923) 436691.95
3710367.85 169.73847 (17122308)
436618.82 3710281.14 149.15272 (20022721) 436589.38
3710364.41 146.17044 (19062806)
436570.02 3710269.33 138.12698 (18010223) 436612.64
3710175.47 145.00311 (18121508)
436535.11 3710373.86 136.61902 (20120818) 436465.44
3710261.09 121.55348 (18011322)
436483.63 3710221.04 123.37067 (21111303) 436501.81
3710180.99 127.12428 (21122423)
436520.00 3710140.95 128.20105 (19010908) 436438.49
3710348.09 121.07548 (20120818)
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3710213.30 109.60325 (18011120)
436388.37 3710192.27 109.81452 (18013122) 436397.91
3710171.25 111.18511 (18012704)
436407.46 3710150.22 113.16481 (18011204) 436417.01

3710129.20   113.68617 (17122721)
        436426.56   3710108.17   114.47729 (18020307)   436436.11
3710087.15   114.43155 (17102424)
        436445.65   3710066.12   114.46883 (20022724)   436272.19
3710209.56   99.01980 (20120804)
        436290.38   3710169.51   99.37899 (18020401)   436308.56
3710129.47   100.50167 (18012704)
        436326.75   3710089.42   102.89256 (18020206)   436344.94
3710049.37   103.46762 (18020820)
        436363.12   3710009.32   103.54081 (21040903)   436175.92
3710183.03   90.52774 (18011322)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436185.36   3710162.23   90.77202 (18011322)   436194.80
3710141.44   90.95176 (18011120)
        436204.25   3710120.64   90.84006 (18020401)   436213.69
3710099.85   91.21833 (18021602)
        436223.13   3710079.06   92.36149 (20022721)   436232.58
3710058.26   93.59420 (20011320)
        436242.02   3710037.47   94.21012 (18011324)   436251.46
3710016.67   94.52095 (18010801)
        436260.90   3709995.88   94.42240 (18020806)   436270.35
3709975.09   94.54144 (20020104)

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        436279.79   3709954.29       94.54241  (18020124)               436166.47
3710203.82       90.43169  (18020222)
        436160.52   3710226.15       92.07743  (21011401)               436078.94
3710158.03       83.49995  (21070705)
        436097.13   3710117.98       83.74508  (20122319)               436115.32
3710077.94       83.48493  (17122701)
        436133.50   3710037.89       84.36749  (17121519)               436151.69
3709997.84       86.37329  (17013104)
        436169.88   3709957.79       86.81663  (17112219)               436188.06
3709917.75       86.78784  (18020820)
        436063.90   3710200.38       85.02870  (21110223)               435982.60
3710131.64       77.82422  (21011401)
        435991.98   3710110.99       76.92941  (18011322)               436001.36
3710090.34       77.33344  (18020723)
        436010.74   3710069.69       77.27601  (18112723)               436020.11
3710049.04       76.87648  (18020401)
        436029.49   3710028.39       77.05298  (18013122)               436038.87
3710007.74       77.41640  (21122021)
        436048.25   3709987.09       78.36015  (18012704)               436057.62
3709966.45       79.50299  (20022721)
        436067.00   3709945.80       80.05262  (19012804)               436076.38
3709925.15       80.28255  (17013024)
        436085.76   3709904.50       80.21245  (17112219)               436095.13
3709883.85       80.23347  (18011205)
        436104.51   3709863.20       80.16336  (19121723)               436113.89
3709842.55       80.32234  (18020202)
        435973.23   3710152.29       77.87662  (18112723)               435967.27
3710174.62       79.09387  (21110223)
        435961.32   3710196.94       79.02774  (19110604)               435894.79
3710086.48       71.63409  (21011401)
        435912.98   3710046.43       71.88085  (20122319)               435931.16
3710006.38       71.46165  (18020401)
        435949.35   3709966.34       71.70825  (18020204)               435967.54
3709926.29       73.56171  (21111303)
        435985.72   3709886.24       74.54815  (21122423)               436003.91
3709846.19       74.56062  (17122624)
        436022.10   3709806.15       74.46815  (19121723)               435807.98
3710039.11       66.63442  (18011322)
        435817.31   3710018.56       67.08919  (18011322)               435826.64
3709998.01       67.14068  (19012621)
        435835.97   3709977.46       67.00226  (18011803)               435845.31
3709956.91       66.82165  (18013122)
        435854.64   3709936.36       66.75244  (18010304)               435863.97
3709915.81       66.87290  (21122021)
        435873.30   3709895.25       67.42210  (18012704)               435882.64
3709874.70       68.68999  (21111303)
        435891.97   3709854.15       69.31208  (17121824)               435901.30
3709833.60       69.70668  (18011404)
        435910.63   3709813.05       69.62993  (20121807)               435919.97
3709792.50       69.61954  (17122624)
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        435929.30   3709771.95       69.67947  (18011205)               435938.63
3709751.40       69.67051  (18021701)
        435947.97   3709730.85       69.66348  (18020202)               435768.07
3710145.42       70.75020  (19110604)
        435721.55   3709990.90       62.72600  (20121923)               435731.09
3709969.87       62.83114  (18011322)
        435740.64   3709948.85       62.89437  (17011608)               435750.19
3709927.82       62.95497  (19012722)
        435759.74   3709906.80       62.81934  (18013122)               435769.29
3709885.77       62.57928  (18021602)
        435778.83   3709864.75       62.80866  (18010224)               435788.38
3709843.72       63.30998  (18012704)
        435797.93   3709822.70       64.24091  (20022721)               435807.48
3709801.67       64.63616  (19012804)
        435817.03   3709780.65       64.94018  (18011404)               435826.57
3709759.62       64.81963  (20121807)
        435836.12   3709738.60       64.97746  (18011508)               435845.67
3709717.57       65.09102  (21011405)
        435855.22   3709696.55       64.90658  (17011607)               435864.77
3709675.52       64.51470  (21011220)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 819
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                  L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                  L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                  L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        435642.53   3709926.36       59.59104  (17011608)               435661.13
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3709885.40       59.51379  (17010723)
        435670.43   3709864.92       60.22663  (20012808)                435679.73
3709844.44       59.66560  (18010223)
        435689.03   3709823.97       59.67745  (18010223)                435698.33
3709803.49       59.75806  (18010224)
        435707.63   3709783.01       60.26312  (20022721)                435716.93
3709762.53       60.80842  (18011204)
        435726.23   3709742.05       60.90552  (17121824)                435735.53
3709721.57       61.11664  (19012001)
        435744.83   3709701.09       61.02293  (17122721)                435754.13
3709680.61       61.22370  (18020307)
        435772.73   3709639.66       61.22194  (21040903)                436969.01
3710524.96      526.81666  (21120204)
        436970.50   3710565.89      547.21297  (21090405)                436918.30
3710506.32      399.61789  (20030806)
        436919.79   3710547.25      359.06307  (18121701)                436921.28
3710588.18      374.68506  (21010123)
        436869.98   3710493.44      307.62024  (21090405)                436869.07
3710528.60      290.28877  (18011607)
        436870.56   3710569.53      267.83505  (20020203)                436818.36
3710509.96      242.96735  (20012322)
        436819.85   3710550.89      219.10475  (21052106)                436821.34
3710591.82      223.42749  (21012124)
        436769.14   3710532.24      195.59020  (20012322)                436770.63
3710573.17      201.29953  (20091805)
        436724.39   3710460.67      175.75075  (21123108)                436719.92
3710554.52      182.09737  (21012106)
        436721.41   3710595.45      186.41878  (21021302)                436674.25
3710463.96      163.16323  (20022720)
        436670.70   3710576.81      171.00065  (18020722)                436625.11
3710458.43      153.08201  (20122105)
        436620.73   3710578.63      158.65950  (19011806)                436570.66
3710500.15      143.29788  (21011722)
        436569.27   3710539.52      146.07795  (21021603)                436570.76
3710580.45      148.07129  (19120102)
        436522.70   3710484.12      135.31829  (20112424)                436526.84
3710447.36      135.08176  (21123108)
        436530.97   3710410.61      135.39003  (18121805)                436521.54
3710602.73      140.24430  (18020507)
        436423.04   3710485.30      120.98990  (20122619)                436427.45
3710446.10      120.54869  (20102504)
        436431.87   3710406.90      120.75678  (18012922)                436419.37
3710544.97      123.09935  (18120223)
        436421.61   3710606.37      125.23570  (20101601)                436320.80
3710509.44      109.23981  (18010102)
        436325.01   3710472.01      109.14092  (20122619)                436329.22
3710434.59      109.22817  (19012422)
        436333.44   3710397.17      109.30882  (19122019)                436337.65
3710359.75      108.61456  (20101104)
        436220.97   3710512.18       99.93657  (20122224)                436225.38
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3710472.98   100.05660 (21090203)
        436229.79   3710433.78   99.68535 (21120204)   436234.21
3710394.57   99.97760 (19012620)
        436120.95   3710516.52   91.71836 (18010505)   436125.21
3710478.72   91.71901 (19121202)
        436129.46   3710440.91   91.69976 (21090203)   436133.72
3710403.11   91.58379 (19122122)
        436137.98   3710365.31   91.94168 (19122019)   436021.10
3710519.46   84.67786 (20122224)
        436025.51   3710480.25   84.62728 (17120804)   436029.92
3710441.05   84.65347 (19121205)
        436034.34   3710401.85   84.54409 (18061924)   436019.64
3710559.52   85.57480 (19120507)
        435921.23   3710522.48   77.84289 (18121201)   435925.78
3710482.05   78.64391 (18121006)
        435930.34   3710441.63   78.24307 (21011722)   435934.89
3710401.20   78.37988 (19121607)
        435919.70   3710563.16   78.99419 (19120507)   435821.23
3710526.73   72.34711 (20021604)
        435825.64   3710487.53   72.69103 (17021401)   435830.06
3710448.33   72.58754 (18120901)
        435834.47   3710409.12   72.63694 (19121205)   435819.77
3710566.80   73.77938 (18102607)
        435721.36   3710529.86   67.37908 (18013107)   435725.88
3710489.62   67.71237 (20120206)
        435730.41   3710449.39   68.06401 (21013124)   435734.94
3710409.15   67.71857 (21010122)
        435757.59   3710207.98   67.62517 (20120818)   435719.84
3710570.44   69.39070 (18120223)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435621.36	3710534.01	67.89151	(21012105)	435625.78	3710494.81	67.53643	(20123104)
435630.19	3710455.60	66.81736	(21123108)	435634.60	3710416.40	65.57018	(21011705)
435619.90	3710574.08	71.17280	(18121323)	435521.48	3710537.20	70.16623	(18121323)
435525.99	3710497.11	69.71933	(20070706)	435530.51	3710457.01	66.94733	(18012124)
435535.02	3710416.92	64.29523	(21011705)	435519.97	3710577.71	71.41597	(18121323)
435521.46	3710618.64	69.61023	(20012322)	436953.73	3710589.22	514.79788	(20091403)
436939.59	3710607.08	485.16867	(18121805)	436925.45	3710624.94	442.14569	(18121805)
436942.81	3710522.47	428.34408	(21090405)	436900.39	3710576.05	323.71361	(17120823)
436886.25	3710593.91	298.92748	(21011704)	436889.47	3710509.29	338.57152	(21090405)
436847.05	3710562.87	238.02981	(17031607)	436850.26	3710478.25	259.59125	(21090405)
436807.84	3710531.83	217.93868	(21012106)	436825.20	3710429.36	225.36203	(21090405)
436651.04	3710407.69	160.39102	(20101104)	436522.51	3710247.82	129.55410	(18122608)
436508.37	3710265.68	127.92200	(21020101)	436494.23	3710283.54	126.08554	(21020101)
436472.39	3710150.03	122.04042	(18010208)	436415.83	3710221.47	114.05834	(18020401)
436393.99	3710087.96	110.03028	(18020307)	436379.85	3710105.82	108.82095	(18011324)
436315.58	3710025.89	100.02707	(18011402)	436237.18	3709963.81	91.64422	(18010507)
436223.04	3709981.67	91.22950	(18010208)	436158.78	3709901.74	84.47591	(18021701)
436144.64	3709919.60	84.12414	(18011205)	436080.38	3709839.67	78.25859	(21011703)
436066.24	3709857.53	77.91125	(20020104)	436001.97	3709777.60	72.92963	(17011607)
435987.83	3709795.46	72.80518	(19122108)	435973.69	3709813.32	72.42944	(18020806)
435923.57	3709715.52	68.14050	(21012024)	435909.43	3709733.38	67.90298	(18021701)

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        435895.29   3709751.24       67.70733  (18011205)               435881.15
3709769.10       67.38478  (18012923)
        435845.17   3709653.45       63.49679  (21011703)               435831.03
3709671.31       63.63071  (21011703)
        435816.89   3709689.17       63.35523  (18011402)               435802.75
3709707.03       63.18844  (19122108)
        436914.85   3710651.52      436.69373  (21031805)               436911.28
3710691.41      540.78543  (20050502)
        436907.71   3710731.30      567.89846  (19050206)               436872.11
3710629.34      284.02319  (21010124)
        436863.26   3710667.01      281.39548  (17061706)               436859.69
3710706.90      297.30622  (21021003)
        436856.12   3710746.79      304.85739  (21121308)               436821.61
3710626.66      226.63964  (17021319)
        436813.46   3710662.55      231.31401  (19011802)               436809.89
3710702.44      242.68968  (20122808)
        436806.32   3710742.33      253.30528  (21120706)               436772.51
3710620.42      207.62523  (21010123)
        436793.71   3710567.27      209.75588  (21111121)               436763.66
3710658.09      208.26771  (21010423)
        436760.09   3710697.98      214.49759  (19011802)               436756.52
3710737.87      222.47189  (17120305)
        436742.14   3710567.24      190.23005  (18020722)               436715.65
3710633.68      187.98675  (18011801)
        436712.07   3710673.58      190.78629  (21012022)               436708.50
3710713.47      195.50809  (19011802)
        436672.91   3710611.51      173.08303  (21021302)               436708.24
3710522.92      174.42742  (18102607)
        436664.06   3710649.17      173.83216  (17021320)               436660.49
3710689.06      175.83599  (17012005)
        436656.92   3710728.95      179.56155  (18010320)               436622.79
3710607.85      160.06130  (18012708)
        436656.51   3710523.29      163.25922  (18120223)               436614.26
3710644.71      160.24196  (20110522)
        436610.69   3710684.60      162.76773  (18011801)               436607.11
3710724.50      164.94060  (17021319)
        436594.51   3710549.43      151.71834  (21010422)               436564.46
3710640.25      149.56886  (21021302)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                  PAGE 821
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
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                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF OTHER    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        436560.89   3710680.14      151.29832  (19120305)               436557.31
3710720.04      153.51346  (17120823)
        436545.80   3710542.25      141.92552  (21021603)               436575.15
3710468.65      143.97064  (20122201)
        436514.66   3710635.79      140.22831  (18031607)               436511.09
3710675.68      141.16883  (17021323)
        436507.51   3710715.58      143.52365  (18021722)               436473.71
3710593.67      132.18157  (21012106)
        436487.84   3710558.23      133.06786  (19120306)               436558.50
3710381.05      141.05565  (20120818)
        436459.50   3710691.17      133.42435  (20020203)               436374.11
3710584.75      118.93118  (18020824)
        436388.24   3710549.31      119.42392  (18120223)               436473.03
3710336.70      126.09015  (19062806)
        436365.25   3710622.42      118.53397  (19120102)               436274.51
3710575.83      107.86605  (18121323)
        436380.50   3710310.06      114.72965  (19062806)               436394.63
3710274.63      113.18996  (18020222)
        436265.65   3710613.50      108.06717  (17021522)               436175.21
3710566.14       98.28613  (20012322)
        436278.44   3710307.31      102.01427  (17121024)               436293.19
3710270.33      104.10055  (21011401)
        436307.93   3710233.35      102.86610  (18020723)               436166.05
3710604.58       98.53315  (19121620)
        436162.48   3710644.47       99.22266  (19013002)               436075.57
3710557.31       89.68703  (19120507)
        436178.31   3710299.72       93.28280  (17121022)               436192.98
3710262.92       94.66316  (19062806)
        436207.66   3710226.12       94.71593  (21011805)               436066.45
3710595.66       90.52977  (21021603)
        436062.88   3710635.55       90.84364  (21020904)               436059.31
3710675.44       91.00516  (18121221)
        436012.49   3710456.82       83.64721  (20010520)               436078.28
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3710291.86       86.07391  (17121022)
        436092.90   3710255.20       86.51062  (21070705)                436107.52
3710218.54       89.72649  (21070705)
        435968.63   3710566.80       82.44159  (19120507)                435965.06
3710606.69       83.34442  (19011221)
        435961.49   3710646.58       83.53112  (20121422)                435905.47
3710466.52       76.99277  (18121006)
        435971.05   3710302.07       79.99446  (21012104)                435985.63
3710265.53       80.10820  (21012104)
        436000.20   3710228.99       81.25745  (21070705)                436014.77
3710192.44       82.60694  (19062806)
        436029.35   3710155.90       80.96620  (20120804)                435869.03
3710557.88       75.67624  (19120507)
        435865.46   3710597.77       76.93415  (20012322)                435861.89
3710637.66       77.00326  (20121706)
        435805.77   3710457.84       71.29702  (17021101)                435834.85
3710384.94       72.20900  (20122105)
        435871.19   3710293.82       74.79147  (18012922)                435885.72
3710257.37       74.19317  (20120818)
        435900.26   3710220.92       74.10011  (17121022)                435914.79
3710184.47       76.84643  (19110604)
        435929.33   3710148.02       74.99604  (21011805)                435769.43
3710548.96       70.11374  (19011221)
        435765.86   3710588.85       72.11147  (21012106)                435762.29
3710628.74       72.99879  (18011607)
        435706.09   3710449.12       67.53502  (20122619)                435735.10
3710376.38       67.37887  (20122105)
        435771.36   3710285.46       69.54521  (18012922)                435785.87
3710249.09       68.98984  (19012701)
        435800.37   3710212.72       69.56064  (20120818)                435814.87
3710176.35       72.05635  (20101104)
        435829.38   3710139.99       70.66351  (18121805)                435843.88
3710103.62       70.13411  (21011805)
        435668.04   3710559.99       67.37883  (19120306)                435664.47
3710599.88       70.77523  (20121808)
        435660.90   3710639.77       73.31721  (17121321)                435599.18
3710458.52       66.47669  (18010505)
        435628.14   3710385.92       63.76359  (20122201)                435671.57
3710277.02       64.79042  (19122019)
        435686.05   3710240.72       64.68655  (21012104)                435700.52
3710204.42       65.14894  (19110604)
        435715.00   3710168.12       65.25913  (17122921)                435729.48
3710131.82       69.15580  (19110604)
        435743.95   3710095.52       65.78561  (21011401)                435794.62
3709968.47       65.21582  (18011803)
        435568.44   3710551.07       71.06428  (20070706)                435564.87
3710590.96       71.80776  (19010508)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435561.30	3710630.85	70.27376	(21022405)	435478.02	3710503.66	69.30562	(17120121)
435492.81	3710466.58	68.65947	(17021401)	435507.60	3710429.49	64.55978	(20101321)
435522.39	3710392.41	62.50728	(20022620)	435566.76	3710281.16	60.06458	(20022624)
435581.55	3710244.07	61.51993	(18012922)	435596.34	3710206.99	60.99800	(19012701)
435611.13	3710169.90	61.35686	(20120818)	435625.92	3710132.82	61.87656	(21031806)
435640.71	3710095.73	63.91341	(20030806)	435655.50	3710058.65	61.73550	(21031806)
435468.84	3710542.15	69.44688	(20070706)	435465.27	3710582.04	70.37968	(21051906)
435461.70	3710621.93	67.78280	(19022422)	436915.73	3710783.44	591.24717	(20012624)
436907.55	3710762.62	554.08218	(20070301)	436937.15	3710806.27	663.51403	(20101803)
436880.10	3710817.46	356.47719	(19041722)	436860.47	3710777.12	331.15150	(19050206)
436903.71	3710843.43	422.76476	(19041722)	436845.57	3710853.05	305.85801	(20092402)
436825.93	3710824.73	303.26552	(18060804)	436813.66	3710793.51	276.32387	(18121608)

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        436870.26   3710880.60      363.34338  (20012624)              436811.47
3710889.27      274.10250  (20092305)
        436790.52   3710859.06      276.76021  (19050206)              436766.96
3710810.65      242.31543  (20101620)
        436761.74   3710774.26      232.20107  (18020324)              436836.82
3710917.77      340.05557  (20051605)
        436777.58   3710925.81      265.91172  (20092305)              436755.76
3710894.34      250.05962  (19050206)
        436733.95   3710862.87      224.61808  (18121608)              436720.32
3710828.18      217.02508  (21121308)
        436714.88   3710790.27      210.16160  (18020502)              436709.44
3710752.37      202.50176  (18120719)
        436803.37   3710954.94      298.85946  (19112623)              436743.83
3710962.53      248.83609  (20070301)
        436721.38   3710930.16      234.58576  (19050206)              436698.94
3710897.79      210.39187  (21051024)
        436673.70   3710845.92      196.02162  (19012902)              436668.11
3710806.93      193.09921  (17120305)
        436662.51   3710767.94      185.92866  (17022107)              436769.93
3710992.10      257.79460  (19112623)
        436711.42   3711001.19      217.26893  (20092305)              436691.06
3710971.82      240.12888  (19050206)
        436670.69   3710942.45      206.12176  (18121608)              436650.33
3710913.08      189.90521  (20020208)
        436627.42   3710866.01      177.18562  (21120706)              436622.35
3710830.63      177.22916  (17120305)
        436617.27   3710795.25      172.95976  (18020322)              436612.19
3710759.87      169.76921  (18010703)
        436736.48   3711029.27      218.41472  (20012624)              436677.68
3711037.94      195.68585  (20121320)
        436656.74   3711007.73      208.90759  (20030803)              436635.79
3710977.52      197.01416  (18121608)
        436614.84   3710947.30      176.63570  (20050504)              436593.90
3710917.09      170.02913  (18122408)
        436580.81   3710883.79      167.96275  (20120821)              436575.59
3710847.40      166.23028  (17120305)
        436570.37   3710811.01      162.66648  (21012022)              436565.15
3710774.62      158.65777  (19020324)
        436703.04   3711066.44      198.70768  (19110523)              436644.00
3711074.77      185.62198  (20121320)
        436622.58   3711043.87      188.20984  (20091403)              436601.16
3711012.97      180.04361  (21051024)
        436579.73   3710982.07      167.65547  (21121308)              436558.31
3710951.17      158.78280  (20111823)
        436534.22   3710901.66      156.69576  (19012107)              436528.88
3710864.45      155.15415  (20122721)
        436523.54   3710827.23      152.67695  (18120719)              436518.20
3710790.01      149.44645  (19020324)
        436512.85   3710752.79      146.02423  (17120823)              436669.59
3711103.60      177.69467  (19110523)
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436487.63	3710919.60	145.34028	(19012107)	436482.19	3710881.70	144.69793	(20123003)
436476.75	3710843.79	143.53031	(20021124)	436471.31	3710805.88	141.03536	(19010706)
436465.87	3710767.98	138.39894	(21010919)	436460.43	3710730.07	136.02445	(18021722)
436636.15	3711140.77	168.34522	(21021504)	436543.15	3711185.53	153.84896	(19120804)
436520.71	3711153.16	150.02703	(17010423)	436498.27	3711120.79	155.30761	(21051024)
436475.83	3711088.42	143.28749	(21031805)	436453.38	3711056.05	134.72399	(21020106)
436430.94	3711023.68	133.12332	(18122408)	436408.50	3710991.31	131.35101	(20120821)
436394.48	3710955.63	130.22162	(18010108)	436388.89			

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3710916.64      128.94429  (19010623)
        436383.29   3710877.65      127.67477  (20122808)                436377.69
3710838.66      126.41709  (21120921)
        436372.10   3710799.67      124.86624  (18012502)                436366.50
3710760.68      123.35075  (20012721)
        436360.91   3710721.69      120.77951  (19120924)                436569.25
3711215.11      147.92711  (19121401)
        436476.70   3711260.50      133.48299  (19120804)                436455.14
3711229.40      134.90172  (20121320)
        436433.58   3711198.30      138.68859  (21051024)                436412.02
3711167.20      132.71563  (21102222)
        436390.45   3711136.10      123.78181  (18121608)                436368.89
3711105.00      120.85275  (21121308)
        436347.33   3711073.90      120.81187  (21031807)                436325.77
3711042.79      117.62668  (20120821)
        436301.52   3710992.96      115.94979  (20122721)                436296.14
3710955.50      115.47676  (21010201)
        436290.76   3710918.04      114.55954  (21010202)                436285.39
3710880.58      114.23771  (17121105)
        436280.01   3710843.12      113.01849  (19021006)                436274.64
3710805.66      113.19540  (21011701)
        436269.26   3710768.20      111.54767  (18121422)                436502.36
3711289.44      132.20408  (19050206)
        436409.57   3711334.48      117.35919  (19120804)                436387.52
3711302.68      122.68746  (20121320)
        436365.47   3711270.88      124.51723  (21051024)                436343.42
3711239.08      122.02277  (21090424)
        436321.37   3711207.27      115.22617  (21051024)                436299.33
3711175.47      112.39201  (20020208)
        436277.28   3711143.67      110.36627  (21121308)                436255.23
3711111.87      111.78639  (21031807)
        436233.18   3711080.07      106.66645  (21120706)                436208.38
3711029.11      105.52819  (17022623)
        436202.89   3710990.81      105.10610  (19010705)                436197.39
3710952.50      104.20698  (17022807)
        436191.89   3710914.19      103.66074  (17022222)                436186.39
3710875.89      102.78753  (19021006)
        436180.90   3710837.58      103.43279  (21011704)                436175.40
3710799.28      102.61321  (20012721)
        436435.47   3711363.78      121.02707  (20110201)                436342.48
3711408.53      111.08287  (20011708)
        436320.04   3711376.16      110.20080  (20011708)                436297.60
3711343.79      111.10980  (21051024)
        436275.15   3711311.42      111.98103  (21021007)                436252.71
3711279.05      106.73588  (18121608)
        436230.27   3711246.68      105.33152  (17021102)                436207.83
3711214.31      100.79239  (18121021)
        436185.38   3711181.94      100.57150  (18122408)                436162.94
3711149.57       99.04142  (20120821)
        436140.50   3711117.20       97.76097  (19012107)                436115.26
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3711065.34   96.25582 (17011201)
        436109.66   3711026.35   96.50073 (18123105)   436104.07
3710987.36   95.23948 (19011802)
        436098.47   3710948.37   94.82179 (18122324)   436092.88
3710909.38   94.13501 (21010919)
        436087.28   3710870.39   94.22260 (17121220)   436081.69
3710831.40   93.98004 (21021505)
        436368.58   3711438.11   109.06757 (20082304)   436275.43
3711482.63   103.54806 (20011708)
        436252.66   3711449.79   101.67140 (17010423)   436229.89
3711416.96   102.15524 (19050206)
        436207.12   3711384.12   104.48377 (21090701)   436184.36
3711351.28   102.98643 (21051024)
        436161.59   3711318.44   102.05685 (18020907)   436138.82
3711285.60   95.26587 (20050504)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

436010.79 3711022.52 87.85097 (17022807) 436005.12 3710982.96 87.45770 (17022222)
435999.44 3710943.41 86.83600 (19010503) 435993.76 3710903.85 86.86344 (19011808)
435965.38 3710706.08 84.17313 (18011106) 436301.69 3711512.44 99.11397 (20051401)
436208.84 3711557.41 96.78310 (20011708) 436186.69 3711525.46 94.84529 (20121320)
436164.53 3711493.50 95.78144 (17010423) 436142.38 3711461.55 98.42741 (21051024)
436120.22 3711429.59 99.06181 (20011918) 436098.07 3711397.63 98.33654 (19012906)
436075.91 3711365.68 95.76825 (18020907) 436053.76 3711333.72 89.93974 (17011605)
436031.61 3711301.77 89.09238 (20111823) 436009.45 3711269.81 87.24320 (20091302)
435987.30 3711237.86 83.81315 (21120706) 435965.14 3711205.90 82.90798 (19012107)
435942.99 3711173.95 82.34184 (18123106) 435929.15 3711138.73 81.98484 (18020901)
435923.62 3711100.24 82.25052 (19122319) 435918.10 3711061.75 81.52573 (21010202)
435912.58 3711023.26 81.38092 (21120921) 435907.05 3710984.77 81.18530 (21012124)
435901.53 3710946.28 82.26143 (21010919) 435873.91 3710753.83 78.79485 (21111121)
435868.39 3710715.34 77.91650 (17121219) 435862.87 3710676.85 77.53630 (20121422)
436234.80 3711586.78 92.25705 (20121824) 436141.81 3711631.54 90.40835 (18070905)
436119.37 3711599.17 88.28247 (20121320) 436096.92 3711566.80 89.22541 (17010423)
436074.48 3711534.43 90.78571 (21051024) 436052.04 3711502.06 95.22463 (20011918)
436029.60 3711469.69 94.91238 (21012203) 436007.15 3711437.32 94.45363 (21021420)
435984.71 3711404.95 93.12856 (17021102) 435962.27 3711372.58 89.81193 (17011202)
435939.83 3711340.21 86.50754 (20111823) 435917.38 3711307.84 84.87957 (20121721)
435894.94 3711275.47 81.78155 (21120706) 435872.50 3711243.10 79.71804 (17120305)
435850.06 3711210.73 79.48569 (20120318) 435836.04 3711175.05 79.70431 (17022107)
435830.44 3711136.06 79.67717 (17022107) 435824.85 3711097.07 78.48421 (18010703)
435819.25 3711058.08 76.61247 (20122206) 435813.66 3711019.09 76.07139 (21010123)
435808.06 3710980.10 76.58374 (21010919) 435802.47 3710941.11 79.08310 (20122621)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M)

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Y-COORD (M)        CONC     (YYMMDDHH)
 - - -
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3711660.32   90.71913 (21031805)
        435784.04   3711627.95   85.49109 (21051024)   435761.60
3711595.58   83.06100 (17061804)
        435739.15   3711563.21   78.91382 (21021007)   435716.71
3711530.84   83.02966 (21031807)
        435694.27   3711498.47   81.83444 (21090404)   435671.83
3711466.10   81.37566 (20120821)
        435649.39   3711433.73   79.37311 (20120821)   435626.94
3711401.36   79.56819 (19012107)
        435604.50   3711368.99   78.06350 (21022602)   435582.06
3711336.62   77.38728 (18123106)
        435556.82   3711284.75   77.47765 (19020906)   435551.22
3711245.76   78.40160 (19010705)
        435545.63   3711206.77   77.91278 (19020304)   435540.03
3711167.78   76.05453 (19020324)
        435534.44   3711128.80   73.56075 (17021319)   435528.84
3711089.81   73.18535 (21011420)
        435523.25   3711050.82   74.42335 (20102307)   435517.65
3711011.83   77.17013 (18021722)
        435512.06   3710972.84   77.32710 (20022904)   435506.46
3710933.85   77.79581 (20012721)
        435500.86   3710894.86   77.43516 (21121223)   435495.27
3710855.87   77.27013 (17012620)
        435489.67   3710816.88   74.83771 (18122524)   435484.08
3710777.89   70.09809 (18011622)
        435478.48   3710738.90   68.26773 (18011401)   435472.89
3710699.91   68.10390 (19120424)
        435467.29   3710660.92   67.82163 (17122722)   435967.24
3711884.12   79.17187 (20121824)
        436207.69   3711246.88   104.56893 (20091403)   436113.01
3711283.43   92.00296 (18121021)
        436027.25   3711334.86   88.82710 (17011202)   435941.49
3711386.29   90.15251 (20021722)

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935

, L0003936   , L0003937   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
435855.73	3711437.72	88.75032	(18122408)	435769.97	3711489.16	85.77577	(21031807)
435684.21	3711540.59	84.19345	(21031807)	436976.59	3710831.32	501.97123	(19082324)
436963.10	3710877.99	479.60625	(19082324)	436925.91	3710862.92	508.69733	(18051602)
436980.21	3710926.56	443.60516	(19090606)	436942.21	3710924.20	465.29330	(21020622)
436908.75	3710910.64	456.52975	(20100707)	436967.77	3710973.29	397.31120	(21060824)
436925.55	3710970.67	401.83409	(19070105)	436888.37	3710955.61	368.40224	(17100222)
436976.14	3711021.32	367.43386	(17102803)	436953.53	3711019.92	356.20062	(21060824)
436908.29	3711017.11	355.00162	(19082401)	436868.45	3711000.97	324.70258	(17100222)
436851.23	3710986.24	320.72483	(20101803)	436834.01	3710971.50	320.69931	(19070106)
436930.23	3711065.98	314.89249	(19120806)	436850.83	3711048.29	248.17341	(17100222)
436818.68	3711020.79	253.05804	(18101321)	436892.46	3711111.14	253.61024	(20101803)
436831.25	3711093.95	221.67478	(18051602)	436797.50	3711065.07	218.70589	(19041722)
436763.75	3711036.20	231.58732	(20070301)	436990.56	3711164.74	277.02153	(20090502)
436811.82	3711139.73	207.62636	(18051602)	436794.29	3711124.73	202.08576	(20053122)
436776.75	3711109.73	202.53634	(19070106)	436759.22	3711094.73	218.52555	(20012624)
436741.69	3711079.72	219.50793	(21120223)	436985.96	3711211.96	260.64539	(20070506)
436876.35	3711205.15	190.87395	(18051602)	436832.50	3711202.43	192.86078	(21020622)
436793.89	3711186.79	195.70713	(18051602)	436760.51	3711158.23	187.22082	(18071824)
436727.13	3711129.67	206.56179	(21070203)	436693.75	3711101.11	198.59516	(21111806)

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        436972.76   3711258.65      241.45933  (21113022)                436950.14
3711257.25      226.63538  (18101320)
        436927.52   3711255.84      214.63386  (17102803)                436904.90
3711254.44      197.54302  (20012108)
        436882.28   3711253.03      184.67338  (21060824)                436859.66
3711251.63      178.24354  (18051602)
        436837.05   3711250.22      180.94953  (21020622)                436740.15
3711203.21      177.00346  (18071824)
        436722.93   3711188.48      180.78391  (21070203)                436705.71
3711173.75      195.92116  (20012624)
        436688.49   3711159.02      189.37581  (21120223)                436671.27
3711144.28      192.07145  (21111806)
        436636.83   3711114.82      171.80508  (20121320)                436955.44
3711352.59      203.56209  (20070506)
        436910.73   3711349.81      168.39871  (17010818)                436866.03
3711347.04      157.51769  (20012108)
        436821.32   3711344.26      159.27137  (19082324)                436686.20
3711281.86      155.93973  (20120917)
        436652.16   3711252.74      174.88015  (21070203)                436618.13
3711223.62      169.79790  (21111806)
        436584.09   3711194.50      152.72494  (19020218)                437049.21
3711453.43      193.66778  (21113022)
        436916.22   3711445.17      147.22484  (21071206)                436871.88
3711442.42      144.41578  (19052823)
        436827.55   3711439.66      143.03795  (19090606)                436783.22
3711436.91      145.91114  (19082324)
        436615.47   3711346.15      152.63624  (19041722)                436581.72
3711317.28      148.49725  (20070301)
        436547.97   3711288.40      144.99501  (20012624)                436514.22
3711259.52      139.71664  (20082304)
        436480.47   3711230.65      139.79918  (18060804)                437093.71
3711551.21      190.98897  (19021501)
        437070.68   3711549.78      190.96212  (19082903)                437047.65
3711548.35      184.87189  (19082824)
        437024.62   3711546.92      167.21435  (21090703)                436886.44
3711538.34      131.00596  (19082003)
        436863.41   3711536.91      132.09695  (18101320)                436840.38
3711535.48      128.95185  (19090606)
        436817.35   3711534.05      125.30607  (19120806)                436794.32
3711532.62      131.66666  (19090606)
        436771.30   3711531.19      129.66251  (20090502)                436626.58
3711480.46      129.02072  (20053122)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                        ***        07:59:17

                                  PAGE 827
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436556.45	3711420.46	142.24289	(20012624)	436538.91	3711405.46	139.37578	(21120223)
436521.38	3711390.46	138.54241	(21070203)	436503.85	3711375.46	134.10876	(21090705)
436486.32	3711360.46	124.31935	(19110523)	436468.78	3711345.46	120.16272	(17020621)
436451.25	3711330.46	125.87242	(20070301)	436433.72	3711315.46	125.61819	(19120804)
436416.18	3711300.46	125.68826	(18060804)	437208.16	3711550.97	135.91093	(20122620)
437166.02	3711650.72	180.35035	(18052306)	437143.22	3711649.30	173.27617	(17010717)
437120.42	3711647.89	174.96975	(17010717)	437097.62	3711646.47	170.54025	(19082904)
437074.82	3711645.05	160.24181	(19092301)	437052.02	3711643.64	136.77406	(19082903)
437029.22	3711642.22	128.30882	(20021803)	437006.42	3711640.81	127.16217	(20013021)
436846.83	3711630.89	116.22824	(19082003)	436824.03	3711629.48	118.27975	(18101320)
436801.23	3711628.06	118.46871	(19071305)	436778.43	3711626.65	119.02858	(20050805)
436755.63	3711625.23	121.31327	(19082324)	436732.83	3711623.81	119.76293	(21020622)
436572.20	3711558.75	115.14520	(21120223)	436537.49	3711529.05	114.38213	(21070203)
436502.77	3711499.35	130.15613	(20051605)	436485.41	3711484.49	124.71134	(21120223)
436468.06	3711469.64	125.60089	(20070301)	436450.70			

3711454.79 123.16848 (21090705)
436433.34 3711439.94 114.83855 (19110523) 436415.98
3711425.09 108.16871 (19020218)
436398.63 3711410.24 112.33703 (20110201) 436381.27
3711395.39 111.54892 (20092305)
436363.91 3711380.54 113.48453 (20011708) 436346.55
3711365.69 114.88935 (20110201)
436329.20 3711350.84 112.17263 (21041803) 437211.62
3711653.55 150.57002 (21020924)
437233.95 3711647.59 131.11373 (21051802) 437214.79
3711748.76 135.28392 (20092002)
437192.17 3711747.36 154.47045 (20081206) 437169.55
3711745.95 158.16304 (18052306)
437146.93 3711744.55 162.20677 (19072204) 437124.32
3711743.14 160.63611 (21082303)
437101.70 3711741.74 155.69307 (19082824) 437079.08
3711740.33 154.33250 (19092301)
437056.46 3711738.93 138.50062 (19082903) 437033.84
3711737.53 129.38716 (20091303)
437011.22 3711736.12 120.20869 (17122021) 436988.60
3711734.72 117.20709 (21021604)
436965.98 3711733.31 115.81669 (19063024) 436852.89
3711726.29 108.14962 (20091402)
436830.27 3711724.88 107.92017 (17102803) 436807.65
3711723.48 107.76467 (19090606)
436785.04 3711722.07 104.09810 (21012119) 436762.42
3711720.67 106.92037 (20050805)
436739.80 3711719.26 112.37824 (20050805) 436717.18
3711717.86 110.40657 (21121618)
436500.77 3711622.44 102.18018 (20120917) 436483.55
3711607.71 104.15242 (20092402)
436466.33 3711592.97 113.87120 (19041722) 436449.11
3711578.24 116.42647 (18101321)
436431.89 3711563.51 112.10833 (21120223) 436414.67
3711548.77 114.80078 (21090705)
436397.45 3711534.04 112.47043 (21090705) 436380.23
3711519.31 106.18340 (20012624)
436363.01 3711504.58 101.73882 (17010408) 436345.79
3711489.84 101.89359 (20121824)
436328.57 3711475.11 102.16898 (20051401) 436311.35
3711460.38 105.74252 (20011708)
436294.13 3711445.64 107.11207 (21031805) 436276.91
3711430.91 105.49085 (20121320)
436259.69 3711416.18 104.66405 (21041803) 436139.16
3711313.05 98.34559 (21021423)
437237.41 3711750.17 114.92708 (18092924) 437259.74
3711744.21 108.86563 (21081403)
437240.72 3711845.39 112.25317 (20092002) 437218.25
3711843.99 131.09224 (19110724)
437195.78 3711842.60 136.52554 (18092924) 437173.31

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                 L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                 L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                 L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        437150.83   3711839.81   140.29331 (21091105)   437128.36   3711838.41   141.75391 (20030604)
        437105.89   3711837.02   149.02448 (19082824)   437083.41   3711835.62   148.91043 (17041302)
        437060.94   3711834.22   147.05646 (19082903)   437038.47   3711832.83   139.48506 (19082824)
        437016.00   3711831.43   125.75740 (19082824)   436993.52   3711830.04   115.97214 (19082903)
        436971.05   3711828.64   112.61776 (19121323)   436948.58   3711827.25   110.84287 (20031107)
        436813.74   3711818.87   98.20216 (18121120)   436791.27   3711817.48   97.01318 (18121120)
        436768.80   3711816.08   97.88114 (20070506)   436746.32   3711814.69   96.87417 (21030623)
        436723.85   3711813.29   101.45118 (20050805)   436701.38   3711811.89   102.26776 (19082324)
        436678.91   3711810.50   101.62828 (21121618)   436446.78   3711701.06   98.08570 (18071824)
        436412.57   3711671.78   104.83575 (19110523)   436378.35   3711642.50   102.64926 (21090705)

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        436361.24   3711627.87      104.85456  (21090705)               436327.02
3711598.59       99.62659  (17010408)
        436292.81   3711569.32       94.74544  (18011005)               436258.59
3711540.04       96.02706  (19121220)
        436224.37   3711510.76       99.22991  (20110201)               436190.15
3711481.49       97.01614  (21041803)
        436173.04   3711466.85       96.01499  (17010423)               436053.28
3711364.39       93.39823  (21021423)
        437263.20   3711846.79      100.86744  (21061401)               437285.53
3711840.83       98.92023  (18112618)
        437265.95   3711941.97      120.81427  (18120724)               437242.92
3711940.54      129.97578  (19050805)
        437219.89   3711939.11      127.26938  (19050805)               437196.86
3711937.68      127.57856  (21051802)
        437173.83   3711936.25      130.41930  (20030604)               437150.80
3711934.82      134.29026  (20030604)
        437127.77   3711933.39      136.39011  (21082303)               437104.74
3711931.96      138.24063  (17010717)
        437081.72   3711930.53      138.06449  (21061124)               437058.69
3711929.10      132.95679  (19082903)
        437035.66   3711927.67      129.20239  (21091105)               437012.63
3711926.24      119.28318  (19082824)
        436989.60   3711924.81      111.45853  (19082903)               436966.57
3711923.38      107.82682  (20092722)
        436943.54   3711921.95      109.53373  (20092722)               436920.51
3711920.52      107.79545  (21121219)
        436782.33   3711911.94       90.76833  (18121120)               436759.30
3711910.51       90.13838  (20012108)
        436736.27   3711909.08       91.38195  (20012108)               436713.24
3711907.65       90.43962  (20012108)
        436690.21   3711906.22       94.80141  (20050805)               436667.18
3711904.79       94.38275  (21121618)
        436406.27   3711791.20       92.18946  (21010520)               436388.74
3711776.20       92.08161  (19012022)
        436371.20   3711761.20       95.64425  (20092402)               436353.67
3711746.20      100.21443  (20012624)
        436336.14   3711731.20       97.44385  (19112623)               436318.61
3711716.20       95.38907  (17020908)
        436301.07   3711701.20       99.04555  (20070301)               436283.54
3711686.19       98.47954  (20012624)
        436266.01   3711671.19       91.33205  (17072506)               436248.47
3711656.19       89.61614  (17012006)
        436230.94   3711641.19       89.45165  (20121824)               436213.41
3711626.19       89.38777  (20070301)
        436195.88   3711611.19       89.69824  (17110107)               436178.34
3711596.19       92.84705  (21090424)
        436160.81   3711581.19       92.37007  (20110201)               436143.28
3711566.19       89.73312  (20122122)
        436125.74   3711551.19       89.82104  (20011708)               436108.21
3711536.19       90.02496  (17010423)
```

*** THE 8TH HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003910 , L0003911
, L0003912 , L0003913 , L0003914 ,
L0003915 , L0003916 , L0003917 , L0003918 , L0003919
, L0003920 , L0003921 , L0003922 ,
L0003923 , L0003924 , L0003925 , L0003926 , L0003927
, L0003928 , L0003929 , L0003930 ,
L0003931 , L0003932 , L0003933 , L0003934 , L0003935
, L0003936 , L0003937 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
437131.81	3712028.66	121.48228	(21082303)	437108.94	3712027.24	119.41812	(17010717)
437086.07	3712025.82	120.45018	(19082824)	437063.20	3712024.40	117.15280	(20081206)
437040.33	3712022.98	112.36357	(19082903)	437017.46	3712021.56	100.03482	(19082824)
436994.59	3712020.14	96.15904	(17122021)	436971.72	3712018.72	93.33181	(20013021)
436948.85	3712017.30	90.25246	(21012320)	436925.98	3712015.88	91.68297	(20091402)
436903.11	3712014.45	94.86313	(18101318)	436743.02			

3712004.51 84.44655 (17010818)
436720.15 3712003.09 87.25888 (20012108) 436697.28
3712001.67 84.58057 (20102107)
436674.41 3712000.25 85.98236 (20012108) 436651.54
3711998.83 86.35919 (21121618)
436628.67 3711997.41 86.87203 (21121618) 436352.17
3711869.72 95.40640 (21010520)
436334.76 3711854.82 94.90336 (20092402) 436317.34
3711839.92 98.60706 (19041722)
436299.93 3711825.03 101.47285 (21070203) 436282.52
3711810.13 98.86861 (19112623)
436265.11 3711795.23 99.75884 (19120804) 436247.70
3711780.34 103.89763 (20070301)
436230.29 3711765.44 104.94834 (20012624) 436212.88
3711750.54 99.09183 (17010408)
436195.47 3711735.65 94.82638 (18011904) 436178.06
3711720.75 94.63993 (17010203)
436160.64 3711705.86 92.73242 (21021504) 436143.23
3711690.96 93.40932 (21121802)
436125.82 3711676.06 92.39964 (20010905) 436108.41
3711661.17 91.84110 (21031805)
436091.00 3711646.27 90.62271 (21012122) 436073.59
3711631.37 89.53799 (20122122)
436056.18 3711616.48 88.35150 (20011708) 436038.77
3711601.58 90.49299 (20122318)
436021.36 3711586.68 93.03763 (21051024) 435882.07
3711467.51 88.54188 (17123102)
437337.10 3712034.06 88.47939 (20122620) 437295.09
3712133.81 120.75566 (19082902)
437272.36 3712132.40 121.25062 (18101407) 437249.62
3712130.99 124.45668 (19072204)
437226.89 3712129.58 121.74110 (18112618) 437204.15
3712128.17 123.39616 (19110724)
437181.42 3712126.76 117.60756 (18052306) 437158.68
3712125.34 115.06263 (19072204)
437135.95 3712123.93 108.98974 (21082303) 437113.21
3712122.52 113.34124 (17010717)
437090.48 3712121.11 111.16825 (19092301) 437067.74
3712119.70 109.48515 (20081206)
437045.01 3712118.28 102.49211 (19082903) 436999.54
3712115.46 87.88249 (18020523)
436976.81 3712114.05 84.13102 (20021803) 436954.07
3712112.64 80.23527 (21021604)
436931.34 3712111.22 83.73472 (18101318) 436908.60
3712109.81 88.16102 (20091402)
436885.87 3712108.40 89.55583 (20050503) 436863.13
3712106.99 86.85390 (19091402)
436840.40 3712105.58 85.49387 (20092722) 436726.73
3712098.52 79.18462 (20012108)
436703.99 3712097.10 80.09180 (18101320) 436681.26

3712095.69   80.84212 (20102107)
        436658.52   3712094.28   80.68102 (19071305)   436635.79
3712092.87   81.52945 (20050805)
        436613.05   3712091.46   81.46755 (21121618)   436590.32
3712090.05   80.72519 (17102803)
        436476.64   3712082.99   77.12884 (17020308)   436436.60
3712066.77   73.51690 (19010318)
        436298.14   3711948.30   87.91470 (20053122)   436280.83
3711933.49   89.75869 (19012619)
        436263.52   3711918.68   96.18723 (19041722)   436246.21
3711903.87   99.03019 (21070203)
        436228.91   3711889.06   96.74017 (19112623)   436211.60
3711874.26   96.03156 (19120804)
        436194.29   3711859.45   100.39777 (20070301)   436176.98
3711844.64   102.62145 (20012624)
        436159.67   3711829.83   95.41598 (20012624)   436142.37
3711815.02   91.05181 (17020908)
        436125.06   3711800.21   89.35932 (21021504)   436107.75
3711785.41   88.63348 (17010203)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   8TH HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0003910   , L0003911 , L0003912   , L0003913   , L0003914   ,
                L0003915   , L0003916   , L0003917   , L0003918   , L0003919 , L0003920   , L0003921   , L0003922   ,
                L0003923   , L0003924   , L0003925   , L0003926   , L0003927 , L0003928   , L0003929   , L0003930   ,
                L0003931   , L0003932   , L0003933   , L0003934   , L0003935 , L0003936   , L0003937   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF OTHER   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        436090.44   3711770.60   89.40185 (20121320)   436073.13
3711755.79   89.14742 (21020821)

```
        436055.83   3711740.98       95.17983  (20110201)               436038.52
3711726.17       94.03310  (18070905)
        436021.21   3711711.36       93.91779  (20110201)               436003.90
3711696.56       91.80112  (21041803)
        435986.59   3711681.75       96.23880  (17010423)               435969.29
3711666.94       98.95679  (19050206)
        435951.98   3711652.13      101.81853  (21051024)               435830.82
3711548.47       86.74468  (17061804)
        435796.21   3711518.86       82.18141  (21020106)               437340.56
3712136.64      106.83998  (18112618)
        437343.73   3712231.85      107.83216  (19120802)               437298.49
3712229.04      115.68845  (21020924)
        437275.87   3712227.64      113.70769  (18101407)               437253.25
3712226.23      116.87614  (18112618)
        437230.64   3712224.83      113.49772  (18112618)               437208.02
3712223.42      114.59936  (19110724)
        437185.40   3712222.02      109.51809  (17010717)               437162.78
3712220.61      111.55547  (19072204)
        437140.16   3712219.21      105.91485  (20030604)               437117.54
3712217.80      111.18795  (17010717)
        437094.92   3712216.40      107.34926  (19092301)               437072.31
3712214.99      107.77166  (20081206)
        437049.69   3712213.59      101.95976  (19082903)               437004.45
3712210.78       85.00143  (18010503)
        436959.21   3712207.97       76.23419  (21021604)               436936.59
3712206.57       75.12913  (20092722)
        436913.98   3712205.16       79.92862  (18101318)               436891.36
3712203.76       83.33942  (18101318)
        436868.74   3712202.35       83.01440  (21121219)               436846.12
3712200.95       81.48689  (21113022)
        436823.50   3712199.54       79.43957  (19082003)               436710.41
3712192.52       76.23825  (17010708)
        436687.79   3712191.11       75.47619  (20070506)               436665.17
3712189.71       76.06028  (20102107)
        436642.55   3712188.31       75.70535  (20102107)               436619.93
3712186.90       75.40698  (20012108)
        436597.31   3712185.50       76.67049  (21121618)               436574.70
3712184.09       78.03521  (21121618)
        436552.08   3712182.69       72.75783  (17102803)               436529.46
3712181.28       73.90950  (21121618)
        436506.84   3712179.88       70.74646  (20050805)               436484.22
3712178.47       73.74146  (19082324)
        436461.60   3712177.07       67.98394  (21120120)               436438.98
3712175.66       68.34588  (17020308)
        436399.15   3712159.53       68.94571  (19010318)               436381.93
3712144.79       69.55379  (21020405)
        436364.71   3712130.06       68.91832  (17021904)               436347.49
3712115.33       70.46731  (20070405)
        436330.27   3712100.59       71.47141  (19120420)               436313.05
3712085.86       72.86886  (20100707)
```

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        436295.83   3712071.13       74.42699  (19120720)                436278.61
3712056.40       75.65534  (21012221)
        436261.39   3712041.66       76.17270  (21010520)                436244.17
3712026.93       75.79909  (19012022)
        436226.95   3712012.20       75.78318  (18062506)                436209.73
3711997.46       78.42716  (19110523)
        436192.51   3711982.73       79.53183  (18101321)                436175.29
3711968.00       77.77023  (21120223)
        436158.07   3711953.27       78.92298  (21090705)                436140.85
3711938.53       79.96687  (19120804)
        436123.63   3711923.80       84.17041  (19110523)                436106.41
3711909.07       82.85695  (19041722)
        436089.19   3711894.33       81.63753  (17020106)                436071.97
3711879.60       81.55394  (17012006)
        436054.75   3711864.87       81.82233  (18011904)                436037.53
3711850.14       81.52469  (21122507)
        436020.31   3711835.40       82.80496  (21121802)                436003.09
3711820.67       83.59553  (21121802)
        435985.87   3711805.94       86.74059  (19120804)                435968.65
3711791.20       85.51932  (20011708)
        435951.43   3711776.47       85.36578  (20110201)                435934.21
3711761.74       85.53682  (21041803)
        435916.99   3711747.01       88.56568  (17010423)                435899.77
3711732.27       89.69022  (19050206)
        435882.55   3711717.54       95.53733  (21051024)                435865.34
3711702.81       97.75347  (21090701)
        435727.58   3711584.95       77.65328  (20091405)                435710.36
3711570.21       79.84770  (20111823)
 *** AERMOD - VERSION 24142  ***   *** C:\Users\apoll\Desktop\HARP2\HARP\Compass
BESS\Compass\Compass.isc   ***        11/21/25
 *** AERMET - VERSION  22112 ***   ***
                       ***        07:59:17

                                   PAGE 831
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   8TH HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0003910    , L0003911
, L0003912    , L0003913    , L0003914    ,
                L0003915    , L0003916    , L0003917    , L0003918    , L0003919
, L0003920    , L0003921    , L0003922    ,
                L0003923    , L0003924    , L0003925    , L0003926    , L0003927
, L0003928    , L0003929    , L0003930    ,
                L0003931    , L0003932    , L0003933    , L0003934    , L0003935
, L0003936    , L0003937    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
436970.60	3710769.10	788.74841	(21123016)	436955.72	3710755.71	786.69663	(20082304)
436964.65	3710655.98	803.17624	(17070706)	437021.21	3710584.54	1085.05092	(20020808)
437018.23	3710502.68	869.70157	(20020808)	437036.09	3710435.70	680.20380	(19072206)
437094.14	3710349.37	355.96609	(17071906)	437061.39	3710282.39	265.50120	(20020808)
437037.58	3710213.93	243.76405	(19010720)	437036.09	3710167.79	242.73850	(21122019)
437070.32	3710115.69	171.36204	(17120518)	437123.91	3710072.53	157.79229	(17021304)
437222.14	3710135.04	144.58331	(20120708)	437186.42	3710196.07	223.79071	(17070706)
437176.00	3710245.18	280.56218	(17070706)	437195.35	3710271.98	286.63347	(20120708)
437262.33	3710316.63	362.47102	(19012717)	437296.56	3710364.26	328.15714	(19102017)
437295.07	3710425.28	348.25134	(17042018)	437305.49	3710466.96	305.53592	(20041418)
437274.24	3710557.75	385.98896	(19050518)	437244.47	3710642.59	448.73570	(18080106)
437260.84	3710791.43	384.64742	(21081203)	437210.23	3710813.76	422.73265	(17102724)
437162.60	3710772.08	640.54968	(21110820)	437001.86	3710778.03	556.27057	(21121316)
436979.53	3710783.99	619.21619	(17091907)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3
**

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
SLINE2	1ST HIGH VALUE IS	878.49657	ON 19021217:	AT (| 436970.60, 3710769.10, 68.51, 211.60, 0.00)	DC	
	8TH HIGH VALUE IS	620.25897	ON 19072206:	AT (| 437021.21, 3710584.54, 65.64, 211.60, 0.00)	DC	
SLINE3	1ST HIGH VALUE IS	464.51489	ON 19021217:	AT (| 437162.60, 3710772.08, 64.51, 211.60, 0.00)	DC	
	8TH HIGH VALUE IS	321.26219	ON 17052803:	AT (| 437162.60, 3710772.08, 64.51, 211.60, 0.00)	DC	
SLINE4	1ST HIGH VALUE IS	452.97640	ON 19021217:	AT (| 437001.86, 3710778.03, 66.48, 211.60, 0.00)	DC	
	8TH HIGH VALUE IS	292.73296	ON 19120616:	AT (| 437001.86, 3710778.03, 66.48, 211.60, 0.00)	DC	
SLINE5	1ST HIGH VALUE IS	388.48186	ON 19020217:	AT (| 437021.21, 3710584.54, 65.64, 211.60, 0.00)	DC	
	8TH HIGH VALUE IS	323.55265	ON 18112206:	AT (| 437018.23, 3710502.68, 68.99, 211.60, 0.00)	DC	
SLINE6	1ST HIGH VALUE IS	198.18360	ON 17070719:	AT (| 437295.07, 3710425.28, 65.66, 211.60, 0.00)	DC	
	8TH HIGH VALUE IS	175.32453	ON 20020808:	AT (| 437176.00, 3710245.18, 62.32, 211.60, 0.00)	DC	
ALL	1ST HIGH VALUE IS	1250.28260	ON 19021217:	AT (| 436970.60, 3710769.10, 68.51, 211.60, 0.00)	DC	
	8TH HIGH VALUE IS	1085.05092	ON 20020808:	AT (| 437021.21, 3710584.54, 65.64, 211.60, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** 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    1643       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    1643       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
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```
* AERMOD (24142 ):  HARP GENERATED FILE
      11/21/25
* AERMET ( 22112):
      17:30:13
* MODELING OPTIONS USED:   RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
*         PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL
*         FOR A TOTAL OF  4907 RECEPTORS.
*         FORMAT: (3(1X,F13.5),3(1X,F8.2),3X,A5,2X,A8,2X,A5,5X,A8,2X,I8)


*        X             Y      AVERAGE CONC    ZELEV    ZHILL    ZFLAG    AVE     GRP
      RANK     NET ID   DATE(CONC)
* ______________  _____________  _____________   _______   _______   _______  _______
_________  _________  _________  _________
  437003.71000 3710828.00000 3.3229930e-04    68.46   211.60     0.00    1-HR  ALL
      1ST               20122620
  437026.67000 3710827.15000 3.5497480e-04    67.05   211.60     0.00    1-HR  ALL
      1ST               17022801
  437049.64000 3710826.30000 3.7429690e-04    65.99   211.60     0.00    1-HR  ALL
      1ST               20022307
  437072.60000 3710825.45000 3.8823680e-04    65.37   211.60     0.00    1-HR  ALL
      1ST               17070719
  437095.56000 3710824.60000 3.9626410e-04    65.10   211.60     0.00    1-HR  ALL
      1ST               17070719
  437118.52000 3710823.75000 3.9972000e-04    64.96   211.60     0.00    1-HR  ALL
      1ST               17070719
  437141.49000 3710822.90000 3.9879310e-04    64.83   211.60     0.00    1-HR  ALL
      1ST               17070719
  437164.45000 3710822.05000 3.9596350e-04    64.68   211.60     0.00    1-HR  ALL
      1ST               17070719
  437005.56000 3710877.96000 2.3052880e-04    69.70   211.60     0.00    1-HR  ALL
      1ST               20122620
  437028.52000 3710877.11000 2.3854860e-04    68.21   211.60     0.00    1-HR  ALL
      1ST               20122620
  437051.48000 3710876.26000 2.4788240e-04    66.84   211.60     0.00    1-HR  ALL
      1ST               20101722
  437074.45000 3710875.41000 2.5457000e-04    65.86   211.60     0.00    1-HR  ALL
      1ST               20022307
  437097.41000 3710874.56000 2.5908190e-04    65.46   211.60     0.00    1-HR  ALL
      1ST               20022307
  437120.37000 3710873.71000 2.6173470e-04    65.31   211.60     0.00    1-HR  ALL
      1ST               20022307
  437143.34000 3710872.86000 2.6203840e-04    65.17   211.60     0.00    1-HR  ALL
      1ST               21021920
  437166.30000 3710872.01000 2.5978220e-04    65.03   211.60     0.00    1-HR  ALL
      1ST               18052223
  437007.41000 3710927.93000 1.7701280e-04    72.19   205.14     0.00    1-HR  ALL
      1ST               17052803
  437030.37000 3710927.08000 1.7989330e-04    69.67   205.14     0.00    1-HR  ALL
      1ST               20122620
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437053.33000 3710926.23000 1.8145170e-04    68.00   205.14     0.00    1-HR  ALL
    1ST               20122620
437076.30000 3710925.38000 1.8495760e-04    66.54   205.14     0.00    1-HR  ALL
    1ST               20101722
437099.26000 3710924.53000 1.8740800e-04    65.88   210.88     0.00    1-HR  ALL
    1ST               20022307
437122.22000 3710923.68000 1.8897450e-04    65.61   210.88     0.00    1-HR  ALL
    1ST               20022307
437145.19000 3710922.83000 1.8925530e-04    65.43   210.88     0.00    1-HR  ALL
    1ST               21021920
437168.15000 3710921.98000 1.8765790e-04    65.27   205.14     0.00    1-HR  ALL
    1ST               21021920
437009.26000 3710977.89000 1.4871990e-04    76.76   205.14     0.00    1-HR  ALL
    1ST               20121401
437032.22000 3710977.04000 1.4279030e-04    71.74   205.14     0.00    1-HR  ALL
    1ST               20122620
437055.18000 3710976.19000 1.4077420e-04    68.66   205.14     0.00    1-HR  ALL
    1ST               20122620
437078.15000 3710975.34000 1.4233550e-04    66.67   205.14     0.00    1-HR  ALL
    1ST               20101722
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436381.93000 3712144.79000 1.0039050e-05   149.32   149.32     0.00    1-HR  ALL
    1ST               17100222
436364.71000 3712130.06000 9.9325120e-06   148.81   148.81     0.00    1-HR  ALL
    1ST               20092306
436347.49000 3712115.33000 9.9525190e-06   145.11   149.58     0.00    1-HR  ALL
    1ST               20101803
436330.27000 3712100.59000 1.0132590e-05   140.37   149.84     0.00    1-HR  ALL
    1ST               20101803
436313.05000 3712085.86000 1.0437490e-05   136.03   156.06     0.00    1-HR  ALL
    1ST               19082401
436295.83000 3712071.13000 1.0620590e-05   133.97   156.06     0.00    1-HR  ALL
    1ST               19082401
436278.61000 3712056.40000 1.0778430e-05   132.59   156.06     0.00    1-HR  ALL
    1ST               20070405
436261.39000 3712041.66000 1.0926530e-05   131.44   149.84     0.00    1-HR  ALL
    1ST               20070405
436244.17000 3712026.93000 1.0865690e-05   132.90   149.61     0.00    1-HR  ALL
    1ST               20070405
436226.95000 3712012.20000 1.0731220e-05   135.62   141.43     0.00    1-HR  ALL
    1ST               20070405
436209.73000 3711997.46000 1.0590360e-05   138.84   141.38     0.00    1-HR  ALL
    1ST               20051605
436192.51000 3711982.73000 1.0590760e-05   139.94   139.94     0.00    1-HR  ALL
    1ST               20051605
436175.29000 3711968.00000 1.0609310e-05   140.49   140.49     0.00    1-HR  ALL
    1ST               21120223
436158.07000 3711953.27000 1.0752300e-05   138.35   140.96     0.00    1-HR  ALL
    1ST               21111806
436140.85000 3711938.53000 1.1008960e-05   134.43   141.43     0.00    1-HR  ALL
    1ST               21111806
436123.63000 3711923.80000 1.1545970e-05   127.92   141.43     0.00    1-HR  ALL
    1ST               21111806
436106.41000 3711909.07000 1.2263120e-05   121.05   141.43     0.00    1-HR  ALL
    1ST               21111806
436089.19000 3711894.33000 1.2569650e-05   117.88   141.43     0.00    1-HR  ALL
    1ST               19120804
436071.97000 3711879.60000 1.2614130e-05   117.17   141.43     0.00    1-HR  ALL
    1ST               19120804
436054.75000 3711864.87000 1.2653140e-05   116.81   141.43     0.00    1-HR  ALL
    1ST               19120804
436037.53000 3711850.14000 1.2751670e-05   116.42   141.43     0.00    1-HR  ALL
    1ST               19120804
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436020.31000 3711835.40000 1.3205510e-05   114.26   141.43     0.00    1-HR  ALL
    1ST               19120804
436003.09000 3711820.67000 1.3861160e-05   111.22   141.43     0.00    1-HR  ALL
    1ST               19120804
435985.87000 3711805.94000 1.4311210e-05   110.06   141.43     0.00    1-HR  ALL
    1ST               19120804
435968.65000 3711791.20000 1.4797580e-05   108.79   141.43     0.00    1-HR  ALL
    1ST               21090701
435951.43000 3711776.47000 1.5188600e-05   107.99   141.43     0.00    1-HR  ALL
    1ST               21090701
435934.21000 3711761.74000 1.5695580e-05   106.23   141.43     0.00    1-HR  ALL
    1ST               21090701
435916.99000 3711747.01000 1.6063450e-05   105.14   141.43     0.00    1-HR  ALL
    1ST               21090701
435899.77000 3711732.27000 1.6331870e-05   104.47   141.20     0.00    1-HR  ALL
    1ST               21090701
435882.55000 3711717.54000 1.6826010e-05   101.68   141.43     0.00    1-HR  ALL
    1ST               21090424
435865.34000 3711702.81000 1.7251370e-05    98.49   141.43     0.00    1-HR  ALL
    1ST               21031805
435727.58000 3711584.95000 1.6910390e-05    95.58   154.79     0.00    1-HR  ALL
    1ST               21101622
435710.36000 3711570.21000 1.6716740e-05    95.71   154.79     0.00    1-HR  ALL
    1ST               21101622
436970.60000 3710769.10000 5.8615100e-04    68.51   211.60     0.00    1-HR  ALL
    1ST               19021217
436955.72000 3710755.71000 5.6018250e-04    70.49   211.60     0.00    1-HR  ALL
    1ST               19021217
436964.65000 3710655.98000 7.9847160e-04    69.13   211.60     0.00    1-HR  ALL
    1ST               19020217
437021.21000 3710584.54000 1.1225420e-03    65.64   211.60     0.00    1-HR  ALL
    1ST               19021217
437018.23000 3710502.68000 8.4267670e-04    68.99   211.60     0.00    1-HR  ALL
    1ST               17091907
437036.09000 3710435.70000 6.8609860e-04    68.89   211.60     0.00    1-HR  ALL
    1ST               17022717
437094.14000 3710349.37000 6.5975760e-04    62.96   211.60     0.00    1-HR  ALL
    1ST               20090918
437061.39000 3710282.39000 6.8369500e-04    66.23   211.60     0.00    1-HR  ALL
    1ST               17022717
437037.58000 3710213.93000 5.8982460e-04    69.84   211.60     0.00    1-HR  ALL
    1ST               17022717
437036.09000 3710167.79000 4.9649060e-04    71.21   211.60     0.00    1-HR  ALL
    1ST               17022717
437070.32000 3710115.69000 4.9234390e-04    66.17   211.60     0.00    1-HR  ALL
    1ST               17022717
437123.91000 3710072.53000 4.0945310e-04    56.80   211.60     0.00    1-HR  ALL
    1ST               17022717
437222.14000 3710135.04000 3.9417630e-04    62.85   211.60     0.00    1-HR  ALL
    1ST               20090918
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437186.42000 3710196.07000 6.6651620e-04    62.85   211.60     0.00    1-HR  ALL
    1ST               20090918
437176.00000 3710245.18000 8.0226020e-04    62.32   211.60     0.00    1-HR  ALL
    1ST               20090918
437195.35000 3710271.98000 7.5215650e-04    62.16   211.60     0.00    1-HR  ALL
    1ST               20090918
437262.33000 3710316.63000 6.1168980e-04    63.44   211.60     0.00    1-HR  ALL
    1ST               20041418
437296.56000 3710364.26000 5.8439350e-04    64.35   211.60     0.00    1-HR  ALL
    1ST               20041418
437295.07000 3710425.28000 7.0211210e-04    65.66   211.60     0.00    1-HR  ALL
    1ST               21021017
437305.49000 3710466.96000 5.2244760e-04    69.66   211.60     0.00    1-HR  ALL
    1ST               21021017
437274.24000 3710557.75000 6.9876500e-04    67.68   211.60     0.00    1-HR  ALL
    1ST               21101617
437244.47000 3710642.59000 8.5965740e-04    66.46   211.60     0.00    1-HR  ALL
    1ST               21101617
437260.84000 3710791.43000 4.3043370e-04    67.57   211.60     0.00    1-HR  ALL
    1ST               17070719
437210.23000 3710813.76000 4.2598640e-04    60.83   211.60     0.00    1-HR  ALL
    1ST               17070719
437162.60000 3710772.08000 6.9920470e-04    64.51   211.60     0.00    1-HR  ALL
    1ST               17070719
437001.86000 3710778.03000 6.1072600e-04    66.48   211.60     0.00    1-HR  ALL
    1ST               17070719
436979.53000 3710783.99000 4.9424960e-04    67.59   211.60     0.00    1-HR  ALL
    1ST               19021217
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Appendix 4.1C
Air Dispersion Receptors

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437003.71	3710828	68.46
437026.67	3710827.15	67.05
437049.64	3710826.3	65.99
437072.6	3710825.45	65.37
437095.56	3710824.6	65.1
437118.52	3710823.75	64.96
437141.49	3710822.9	64.83
437164.45	3710822.05	64.68
437005.56	3710877.96	69.7
437028.52	3710877.11	68.21
437051.48	3710876.26	66.84
437074.45	3710875.41	65.86
437097.41	3710874.56	65.46
437120.37	3710873.71	65.31
437143.34	3710872.86	65.17
437166.3	3710872.01	65.03
437007.41	3710927.93	72.19
437030.37	3710927.08	69.67
437053.33	3710926.23	68
437076.3	3710925.38	66.54
437099.26	3710924.53	65.88
437122.22	3710923.68	65.61
437145.19	3710922.83	65.43
437168.15	3710921.98	65.27
437009.26	3710977.89	76.76
437032.22	3710977.04	71.74
437055.18	3710976.19	68.66
437078.15	3710975.34	66.67
437101.11	3710974.49	66
437124.07	3710973.64	65.77
437147.04	3710972.79	65.6
437170	3710971.94	65.47
437011.11	3711027.86	76.41
437034.07	3711027.01	72.16
437057.03	3711026.16	68.86
437080	3711025.31	67.23
437102.96	3711024.46	66.8
437125.92	3711023.61	66.69
437148.88	3711022.76	66.57

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437171.85	3711021.91	66.3
437012.96	3711077.82	80.61
437035.92	3711076.97	77.17
437058.88	3711076.12	73.76
437081.85	3711075.27	70.84
437104.81	3711074.42	68.53
437127.77	3711073.57	67.83
437150.73	3711072.72	67.63
437173.7	3711071.87	67.23
437014.81	3711127.79	84.48
437037.77	3711126.94	82.95
437060.73	3711126.09	79.49
437083.7	3711125.24	75.52
437106.66	3711124.39	71.32
437129.62	3711123.54	68.57
437152.58	3711122.69	67.43
437175.55	3711121.84	66.96
437016.66	3711177.76	84.57
437039.62	3711176.91	83.72
437062.58	3711176.06	81.77
437085.54	3711175.21	77.3
437108.51	3711174.36	72.55
437131.47	3711173.51	69.7
437154.43	3711172.66	68.19
437177.4	3711171.81	67.53
437018.51	3711227.72	83.39
437041.47	3711226.87	83.19
437064.43	3711226.02	83.22
437087.39	3711225.17	80.84
437110.36	3711224.32	75.88
437133.32	3711223.47	71.26
437156.28	3711222.62	68.32
437179.25	3711221.77	67.35
437020.36	3711277.69	78.06
437043.32	3711276.84	78.3
437066.28	3711275.99	80.19
437089.24	3711275.14	80.07
437112.21	3711274.29	76.91
437135.17	3711273.44	72.56

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437158.13	3711272.59	68.66
437181.1	3711271.74	67.42
437024.05	3711377.62	77.26
437047.02	3711376.77	76.45
437069.98	3711375.92	76.43
437092.94	3711375.07	76.43
437115.91	3711374.22	76.24
437138.87	3711373.37	74.86
437161.83	3711372.52	70.06
437184.79	3711371.67	67.83
437027.75	3711477.55	80.79
437050.72	3711476.7	76.37
437073.68	3711475.85	73.69
437096.64	3711475	72.57
437119.61	3711474.15	71.93
437142.57	3711473.3	71.12
437165.53	3711472.45	69.82
437188.49	3711471.6	68.15
437031.45	3711577.48	98.49
437054.42	3711576.63	93.98
437077.38	3711575.78	89.67
437100.34	3711574.93	84.18
437123.3	3711574.08	78.12
437146.27	3711573.23	73.5
437169.23	3711572.38	71.41
437192.19	3711571.53	70.67
437035.15	3711677.41	106.53
437058.11	3711676.56	103.44
437081.08	3711675.71	98.04
437104.04	3711674.86	93.85
437127	3711674.01	91.76
437149.97	3711673.16	90.36
437172.93	3711672.31	86.74
437195.89	3711671.46	79.62
437038.85	3711777.35	98.53
437061.81	3711776.5	96.75
437084.78	3711775.65	94.16
437107.74	3711774.8	89.93
437130.7	3711773.95	86.06

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437153.67	3711773.1	83.83
437176.63	3711772.25	82.02
437199.59	3711771.4	78.36
437042.55	3711877.28	90.7
437065.51	3711876.43	87.93
437088.48	3711875.58	86.07
437111.44	3711874.73	83.7
437134.4	3711873.88	80.37
437157.36	3711873.03	78.1
437180.33	3711872.18	77.32
437203.29	3711871.33	77.25
437046.25	3711977.21	98.19
437069.21	3711976.36	97.48
437092.17	3711975.51	97.29
437115.14	3711974.66	94.42
437138.1	3711973.81	86.58
437161.06	3711972.96	81.94
437184.03	3711972.11	80.47
437206.99	3711971.26	80.61
437049.95	3712077.14	105.61
437072.91	3712076.29	102.81
437095.87	3712075.44	102.16
437118.84	3712074.59	101.79
437141.8	3712073.74	99.48
437164.76	3712072.89	93
437187.73	3712072.04	89.26
437210.69	3712071.19	88.06
437053.65	3712177.07	104.57
437076.61	3712176.22	102.54
437099.57	3712175.37	99.98
437122.54	3712174.52	97.27
437145.5	3712173.67	95.73
437168.46	3712172.82	95.22
437191.42	3712171.97	94.6
437214.39	3712171.12	91.17
437057.35	3712277	104.03
437080.31	3712276.15	102.59
437103.27	3712275.3	100.78
437126.24	3712274.45	98.72

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437149.2	3712273.6	96.73
437172.16	3712272.75	95.05
437195.12	3712271.9	94.33
437218.09	3712271.05	94.55
437177.3	3710851.39	64.81
437096.75	3710847.33	65.25
437079.7	3710898.86	65.95
437062.65	3710950.38	67.97
437045.6	3711001.9	70
436965.04	3710997.84	82.44
436932.11	3711035.47	84.69
436963.86	3711063.26	83.93
436899.18	3711073.1	89.25
436930.94	3711100.89	87.16
436866.26	3711110.73	104.27
436898.01	3711138.51	97.94
436833.33	3711148.35	120.58
436865.08	3711176.14	112.45
436767.48	3711223.61	142.89
436799.23	3711251.4	131.92
436701.62	3711298.86	167.53
436733.38	3711326.65	162.13
436635.77	3711374.12	163.29
436667.52	3711401.9	163.46
436569.92	3711449.37	154.31
436601.67	3711477.16	159.4
436504.06	3711524.63	157.12
436535.82	3711552.41	159.54
436438.21	3711599.88	145.32
436469.96	3711627.67	153.79
436372.35	3711675.14	141.27
436404.11	3711702.92	143.48
436306.5	3711750.39	120.11
436338.25	3711778.18	120.92
436240.65	3711825.65	110.16
436272.4	3711853.43	110.55
436174.79	3711900.9	120.51
436206.55	3711928.69	127.29
437216.54	3710861.35	63.09

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437247.28	3710852.06	64.69
437281.02	3710837.18	70.9
437236.73	3710907.09	64.65
437208.99	3710910.77	64.92
437157.06	3710894.91	65.22
437267.47	3710897.81	67.74
437301.21	3710882.92	72.12
437254.14	3710953.2	66.14
437220.85	3710957.62	65.26
437157.12	3710947.88	65.4
437287.65	3710943.55	69.6
437321.39	3710928.67	71.57
437275.11	3710998.84	67.52
437243.41	3711003.05	66.13
437211.71	3711007.26	65.72
437151.01	3710997.98	65.75
437307.83	3710989.3	69.98
437341.57	3710974.41	69.73
437293.81	3711044.79	67.71
437259.14	3711049.39	65.58
437224.47	3711053.99	66.2
437140.74	3711046.14	67.37
437328.02	3711035.04	69.12
437361.76	3711020.16	68.49
437314.69	3711090.44	68
437281.4	3711094.86	65.94
437248.12	3711099.27	65.48
437214.83	3711103.69	66.59
437134.46	3711096.16	67.59
437043.12	3711053.68	73.05
437348.2	3711080.79	68.3
437381.94	3711065.9	68.07
437333.86	3711136.32	68.07
437298.56	3711141	66.77
437263.26	3711145.69	64.47
437227.95	3711150.37	66.88
437192.65	3711155.06	67.28
437141.2	3711152.23	68.43
437028.18	3711099.68	81.67

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437368.38	3711126.53	67.78
437402.12	3711111.65	68.09
437354.63	3711181.99	68.3
437320.49	3711186.52	67.52
437286.35	3711191.05	65.8
437252.21	3711195.58	66
437218.07	3711200.11	67.14
437118.57	3711194.65	72.49
437024.88	3711151.08	84.29
436993.66	3711136.56	85.47
436962.43	3711122.04	86.54
437388.57	3711172.28	67.69
437422.31	3711157.39	68.33
437374.05	3711227.83	68.46
437338.39	3711232.57	68.32
437302.72	3711237.3	66.26
437267.06	3711242.03	65.86
437231.4	3711246.76	67.06
437195.73	3711251.5	67.14
437125.93	3711251.01	74.06
437028.06	3711205.5	84.03
436995.44	3711190.33	85.78
436962.82	3711175.16	88.85
436930.2	3711159.99	92.74
437408.75	3711218.02	68.04
437442.49	3711203.14	69.03
437394.73	3711273.51	68.68
437360.06	3711278.11	68.78
437325.38	3711282.71	67.57
437290.71	3711287.32	65.27
437256.04	3711291.92	66.92
437221.37	3711296.52	67.18
437186.69	3711301.12	67.37
437152.02	3711305.72	69.91
437118.83	3711300.65	75.3
437007.82	3711249.03	81.14
436976.11	3711234.28	87.05
436944.39	3711219.53	93.19
436912.68	3711204.78	100.1

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437428.94	3711263.77	68.95
437462.68	3711248.88	70.94
437434.91	3711365.03	70.58
437399.88	3711369.68	69.78
437364.84	3711374.33	69.17
437329.8	3711378.98	67.24
437294.76	3711383.62	65.95
437259.73	3711388.27	67.47
437224.69	3711392.92	67.47
437189.65	3711397.57	67.51
437154.61	3711402.22	71.64
437103.55	3711399.42	76.33
437007.4	3711354.71	79.03
436975.35	3711339.81	86.98
436943.3	3711324.9	94.7
436911.25	3711310	105.08
436879.21	3711295.1	115.74
436847.16	3711280.19	122.86
437469.3	3711355.26	72.73
437503.04	3711340.37	76.38
437475.15	3711456.54	73.37
437439.85	3711461.22	70.8
437404.54	3711465.9	70.76
437369.24	3711470.59	69.41
437333.94	3711475.27	67.58
437298.63	3711479.96	67.4
437263.33	3711484.64	67.67
437228.03	3711489.33	67.93
437192.72	3711494.01	68.54
437157.42	3711498.7	69.96
437122.12	3711503.38	71.74
437088.32	3711498.22	72.72
437007.59	3711460.67	81.91
436975.3	3711445.66	89.77
436943	3711430.64	103.86
436910.71	3711415.63	115.09
436878.42	3711400.61	122.07
436846.13	3711385.59	127.36
436813.84	3711370.58	134.1

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436781.55	3711355.56	145.84
437509.67	3711446.75	77.44
437543.41	3711431.86	86.5
437515.41	3711548.04	74.79
437479.91	3711552.75	72.67
437444.4	3711557.46	71.49
437408.9	3711562.17	71.75
437373.39	3711566.88	69.29
437337.89	3711571.6	67.52
437302.38	3711576.31	68.87
437266.88	3711581.02	69.92
437231.38	3711585.73	70.17
437160.37	3711595.15	74.15
437124.86	3711599.86	80.51
437008.16	3711566.82	101.86
436975.69	3711551.72	105.9
436943.21	3711536.62	106.01
436910.73	3711521.51	109.43
436878.26	3711506.41	117
436845.78	3711491.31	125.37
436813.31	3711476.21	132.43
436780.83	3711461.1	143.66
436748.35	3711446	160.24
436715.88	3711430.9	166.28
437550.04	3711538.24	79.46
437583.78	3711523.35	84.98
437555.7	3711639.54	77.87
437520.04	3711644.27	72.84
437484.38	3711649	72.23
437448.71	3711653.74	72.35
437413.05	3711658.47	70.37
437377.39	3711663.2	68.83
437341.72	3711667.93	67.29
437306.06	3711672.67	69.34
437270.39	3711677.4	70.27
437234.73	3711682.13	71.69
437109.91	3711698.7	93.73
437009	3711673.09	109.22
436976.38	3711657.92	113.98

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436943.76	3711642.75	118.28
436911.14	3711627.58	122.31
436878.52	3711612.41	125.5
436845.9	3711597.24	132.59
436813.27	3711582.07	143.32
436780.65	3711566.9	155.58
436748.03	3711551.73	167.39
436715.41	3711536.56	168.32
436682.79	3711521.39	163.56
436650.17	3711506.22	162.54
437590.4	3711629.73	91.79
437624.14	3711614.84	97.02
437596.01	3711731.04	88.37
437560.21	3711735.79	75.67
437524.42	3711740.54	73.37
437488.63	3711745.29	73.37
437452.84	3711750.04	72.87
437417.05	3711754.79	70.08
437381.26	3711759.54	68.94
437345.47	3711764.28	67.88
437309.68	3711769.03	69.67
437273.88	3711773.78	70.04
437238.09	3711778.53	71.07
437094.93	3711797.53	89.04
437010.03	3711779.44	102.03
436977.29	3711764.22	112.74
436944.55	3711749	118.04
436911.81	3711733.77	123.06
436879.08	3711718.55	129.29
436846.34	3711703.32	137.84
436813.6	3711688.1	148.32
436780.86	3711672.88	161.48
436748.12	3711657.65	168.38
436715.38	3711642.43	164.82
436682.65	3711627.2	162.61
436649.91	3711611.98	162.87
436617.17	3711596.76	161.07
436584.43	3711581.53	160.12
437630.77	3711721.22	96.9

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437664.51	3711706.33	97.3
437636.32	3711822.54	88.11
437600.42	3711827.3	77.65
437564.53	3711832.06	76.14
437528.63	3711836.83	75.39
437492.73	3711841.59	74.58
437456.84	3711846.35	72.6
437420.94	3711851.12	70.19
437385.04	3711855.88	69.5
437349.15	3711860.64	69.25
437313.25	3711865.41	70.07
437277.35	3711870.17	70.43
437241.46	3711874.93	73.95
437061.98	3711898.75	89.91
437011.19	3711885.86	97.93
436978.36	3711870.59	102.45
436945.52	3711855.33	107.28
436912.69	3711840.06	120.53
436879.85	3711824.79	135.22
436847.02	3711809.52	147.24
436814.18	3711794.25	149.17
436781.35	3711778.98	146.44
436748.52	3711763.71	148.39
436715.68	3711748.44	150.84
436682.85	3711733.17	155.18
436650.01	3711717.91	161.63
436617.18	3711702.64	161.62
436584.34	3711687.37	161.71
436551.51	3711672.1	161.67
436518.67	3711656.83	161.95
437671.14	3711812.71	95.75
437704.88	3711797.82	96.61
437676.64	3711914.03	78.46
437640.66	3711918.81	77.33
437604.67	3711923.58	76.83
437568.69	3711928.36	75.83
437532.7	3711933.13	75.28
437496.72	3711937.91	75.01
437460.73	3711942.68	72.56

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437424.75	3711947.46	71
437388.77	3711952.23	69.88
437352.78	3711957.01	70.45
437316.8	3711961.78	71.83
437280.81	3711966.56	76.99
437244.83	3711971.33	82.49
437012.46	3711992.33	103.82
436979.54	3711977.02	106.98
436946.63	3711961.72	111.17
436913.71	3711946.41	118.66
436880.8	3711931.11	117.21
436847.88	3711915.8	128.2
436814.97	3711900.49	139.56
436782.05	3711885.19	143.09
436749.14	3711869.88	144.17
436716.22	3711854.57	145.82
436683.31	3711839.27	148.21
436650.39	3711823.96	148.69
436617.48	3711808.65	149.12
436584.56	3711793.35	149.67
436551.65	3711778.04	150.16
436518.73	3711762.74	151.32
436485.81	3711747.43	146.08
436452.9	3711732.12	142.88
437711.51	3711904.2	85.49
437745.25	3711889.31	95.32
437716.97	3712005.53	77.61
437680.91	3712010.31	76.98
437644.85	3712015.1	76.63
437608.79	3712019.88	76.33
437572.73	3712024.67	74.48
437536.67	3712029.45	75.73
437500.61	3712034.24	75.5
437464.55	3712039.02	72.38
437428.5	3712043.81	71.35
437392.44	3712048.59	70.58
437356.38	3712053.38	70.52
437320.32	3712058.16	74.21
437284.26	3712062.95	83.07

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437248.2	3712067.73	87.61
437031.84	3712096.44	109.34
436997.32	3712091.17	118.12
436964.33	3712075.83	128.27
436931.35	3712060.49	139.2
436898.36	3712045.15	145.14
436865.38	3712029.81	143.91
436832.4	3712014.48	143.46
436799.41	3711999.14	142.48
436766.43	3711983.8	141.77
436733.45	3711968.46	141.75
436700.46	3711953.12	142.07
436667.48	3711937.78	142.94
436634.49	3711922.45	143.04
436601.51	3711907.11	141.64
436568.53	3711891.77	138.93
436535.54	3711876.43	136.04
436502.56	3711861.09	131.55
436469.57	3711845.76	127.99
436436.59	3711830.42	125.31
436403.61	3711815.08	120.6
436370.62	3711799.74	120.21
437751.87	3711995.69	79.01
437785.61	3711980.81	91.02
437757.31	3712097.02	76.98
437721.18	3712101.82	75.63
437685.06	3712106.61	74.62
437648.94	3712111.4	73.58
437612.81	3712116.2	72.72
437576.69	3712120.99	72.62
437540.56	3712125.78	75.17
437504.44	3712130.58	74.37
437468.31	3712135.37	72.03
437432.19	3712140.16	71.85
437396.07	3712144.96	71.27
437359.94	3712149.75	74.96
437323.82	3712154.55	81.76
437287.69	3712159.34	84.24
437251.57	3712164.13	85.98

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437034.82	3712192.89	106.1
436982.18	3712190	124.78
436949.13	3712174.64	138.7
436916.09	3712159.27	144.58
436883.05	3712143.91	145.17
436850.01	3712128.54	145.3
436816.96	3712113.18	144.41
436783.92	3712097.81	143.15
436750.88	3712082.45	141.69
436717.83	3712067.08	140.5
436684.79	3712051.71	138.99
436651.75	3712036.35	136.7
436618.71	3712020.98	136.19
436585.66	3712005.62	136.59
436552.62	3711990.25	132.02
436519.58	3711974.89	120.99
436486.53	3711959.52	116.09
436453.49	3711944.15	114.01
436420.45	3711928.79	112.25
436387.41	3711913.42	111.11
436354.36	3711898.06	110.54
436321.32	3711882.69	110.28
437792.24	3712087.18	80.14
437825.98	3712072.3	85.6
437797.65	3712188.52	78.74
437761.47	3712193.32	76.98
437725.29	3712198.12	75.23
437689.11	3712202.92	74.65
437652.93	3712207.72	74.23
437616.75	3712212.52	74.23
437580.57	3712217.32	74.3
437544.38	3712222.12	77.37
437508.2	3712226.92	75.55
437472.02	3712231.73	73.46
437435.84	3712236.53	73.73
437399.66	3712241.33	71.87
437363.48	3712246.13	77.43
437327.3	3712250.93	86.86
437291.12	3712255.73	89.99

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437254.94	3712260.53	92.95
437037.86	3712289.34	106.53
437001.68	3712294.14	111.67
436967.04	3712288.84	117.98
436933.95	3712273.46	125.12
436900.85	3712258.07	130.93
436867.76	3712242.68	135.08
436834.67	3712227.29	136.25
436801.57	3712211.9	136.67
436768.48	3712196.51	135.82
436735.38	3712181.12	135.13
436702.29	3712165.73	136.56
436669.19	3712150.34	138.08
436636.1	3712134.95	138.76
436603.01	3712119.56	139.03
436569.91	3712104.17	138.7
436536.82	3712088.78	138.06
436503.72	3712073.39	137.73
436470.63	3712058	139.49
436437.54	3712042.61	140.02
436404.44	3712027.22	136.43
436371.35	3712011.83	132.35
436338.25	3711996.44	127.24
436305.16	3711981.05	121.15
436272.06	3711965.67	119.38
436238.97	3711950.28	124.14
437832.61	3712178.67	80.51
437866.35	3712163.79	85.59
437307.35	3710801.18	74.29
437307.81	3710761.16	75.02
437305.08	3710736.35	75.08
437302.36	3710711.54	74.99
437299.63	3710686.74	74.75
437296.9	3710661.93	74.34
437294.17	3710637.12	73.72
437355.99	3710800.79	74.3
437332.06	3710855.22	72.69
437357.51	3710755.69	75.28
437354.78	3710730.88	75.45

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437352.06	3710706.08	75.56
437349.33	3710681.27	75.63
437346.6	3710656.46	75.68
437343.87	3710631.66	75.73
437405.16	3710797.86	82.66
437400.37	3710820.68	82.03
437395.58	3710843.51	81.2
437373.45	3710881.92	73.82
437356.09	3710897.5	71.28
437338.74	3710913.08	70.98
437409.94	3710775.03	84.87
437407.21	3710750.22	87.18
437404.48	3710725.42	88.02
437401.76	3710700.61	87
437399.03	3710675.8	85.54
437396.3	3710651	83.75
437393.57	3710626.19	81.65
437454.54	3710793.91	88.89
437449.43	3710818.26	86.32
437444.33	3710842.61	87.23
437439.22	3710866.96	87.23
437415.61	3710907.92	77.95
437397.1	3710924.55	76.31
437378.59	3710941.17	72.29
437360.08	3710957.79	69.57
437459.64	3710769.57	91.93
437456.91	3710744.76	93.38
437454.18	3710719.95	94.08
437451.46	3710695.15	94.2
437448.73	3710670.34	93.76
437446	3710645.53	92.86
437443.27	3710620.73	90.93
437504.78	3710785.84	91.92
437495.67	3710829.32	92.55
437486.55	3710872.79	90.36
437460.91	3710931.11	80.39
437427.86	3710960.79	78.76
437394.81	3710990.47	72.34
437506.61	3710739.29	90.05

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437503.88	3710714.49	89.98
437501.16	3710689.68	90.14
437498.43	3710664.87	90.37
437495.7	3710640.07	89.37
437492.97	3710615.26	87.43
437554.26	3710781.46	87.04
437549.47	3710804.28	88.48
437544.69	3710827.11	89.89
437539.9	3710849.94	90.8
437535.11	3710872.76	91.08
437530.33	3710895.59	91.18
437525.54	3710918.41	91.01
437503.41	3710956.82	86.83
437486.05	3710972.4	83.96
437468.7	3710987.99	83.49
437451.35	3711003.57	83.72
437434	3711019.15	78.88
437416.65	3711034.74	73.07
437399.29	3711050.32	69.6
437559.04	3710758.63	85.87
437556.31	3710733.83	85.26
437553.59	3710709.02	84.86
437550.86	3710684.21	84.69
437548.13	3710659.41	84.62
437545.4	3710634.6	84.46
437542.67	3710609.79	83.87
437603.78	3710776.84	84.52
437598.82	3710800.51	85.17
437593.85	3710824.18	85.88
437588.89	3710847.85	86.45
437583.93	3710871.52	87.89
437578.97	3710895.19	88.85
437574	3710918.86	89.7
437569.04	3710942.54	90.62
437546.08	3710982.37	92.04
437528.09	3710998.53	91.7
437510.09	3711014.69	89.88
437492.1	3711030.85	88.45
437474.1	3711047.01	87.26

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437456.11	3711063.17	81.2
437438.11	3711079.33	74.46
437420.12	3711095.49	69.97
437608.74	3710753.17	84.38
437606.01	3710728.36	84.09
437603.29	3710703.55	83.74
437600.56	3710678.75	83.43
437597.83	3710653.94	83.02
437595.1	3710629.13	81.97
437592.37	3710604.33	78.63
437653.34	3710772.05	77.63
437648.23	3710796.4	75.46
437643.13	3710820.74	75.96
437638.02	3710845.09	78.9
437632.92	3710869.44	83.13
437627.82	3710893.79	86.46
437622.71	3710918.13	88.72
437617.61	3710942.48	89.69
437612.5	3710966.83	90.77
437588.89	3711007.8	93.13
437570.38	3711024.42	94.12
437551.87	3711041.04	94.62
437533.36	3711057.66	94.17
437514.85	3711074.28	93.62
437496.34	3711090.91	92.95
437477.84	3711107.53	86.12
437459.33	3711124.15	77.91
437440.82	3711140.77	70.83
437658.44	3710747.7	79.64
437655.71	3710722.89	81.2
437652.99	3710698.09	81.57
437650.26	3710673.28	80.96
437647.53	3710648.47	80.05
437644.8	3710623.67	78.57
437642.07	3710598.86	75.43
437703.36	3710765.06	69.9
437698.57	3710787.89	70.3
437693.79	3710810.71	70.45
437689	3710833.54	71.25

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437684.22	3710856.36	73.42
437679.43	3710879.19	77.71
437674.64	3710902.01	81.94
437669.86	3710924.84	84.44
437665.07	3710947.67	87.03
437660.29	3710970.49	90.3
437655.5	3710993.32	92.11
437633.36	3711031.73	94.27
437616.01	3711047.31	94.92
437598.66	3711062.89	95.83
437581.31	3711078.47	96.56
437563.96	3711094.06	96.89
437546.6	3711109.64	95.67
437529.25	3711125.22	92.98
437511.9	3711140.81	86.74
437494.55	3711156.39	81.24
437477.2	3711171.97	77.18
437459.84	3711187.55	72.33
437708.14	3710742.23	69.51
437705.41	3710717.43	69.49
437702.69	3710692.62	69.98
437699.96	3710667.81	70.56
437697.23	3710643.01	70.52
437694.5	3710618.2	69.66
437691.77	3710593.39	68.37
437752.93	3710760.18	69.36
437748.03	3710783.59	69.65
437743.12	3710807	70.11
437738.21	3710830.41	70.39
437733.3	3710853.82	70.52
437728.39	3710877.23	70.65
437723.49	3710900.65	71.45
437718.58	3710924.06	73.19
437713.67	3710947.47	77.11
437708.76	3710970.88	84.85
437703.85	3710994.29	91.95
437698.94	3711017.7	94.89
437676.24	3711057.09	95.82
437658.44	3711073.08	96.21

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437640.65	3711089.06	96.81
437622.85	3711105.04	97.31
437605.05	3711121.02	97.74
437587.25	3711137.01	94.36
437569.46	3711152.99	88.62
437551.66	3711168.97	83.31
437533.86	3711184.95	80.08
437516.07	3711200.93	79.42
437498.27	3711216.92	78.76
437480.47	3711232.9	74.57
437757.84	3710736.77	68.88
437755.11	3710711.96	68.44
437752.39	3710687.15	68.2
437749.66	3710662.35	68.13
437746.93	3710637.54	67.86
437744.2	3710612.73	67.44
437741.47	3710587.93	66.92
437852.14	3710750.18	68.63
437847.03	3710774.53	68.77
437841.93	3710798.88	69.04
437836.83	3710823.23	69.4
437831.72	3710847.57	69.61
437826.62	3710871.92	70.28
437821.51	3710896.27	70.65
437816.41	3710920.62	70.89
437811.3	3710944.96	71.07
437806.2	3710969.31	71.52
437801.09	3710993.66	71.56
437795.99	3711018.01	72.17
437790.88	3711042.35	74.71
437785.78	3711066.7	80.47
437762.17	3711107.67	97.24
437743.66	3711124.29	99.76
437725.15	3711140.91	99.16
437706.64	3711157.53	96.46
437688.13	3711174.16	91.28
437669.62	3711190.78	86.38
437651.11	3711207.4	85.02
437632.6	3711224.02	84.44

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437614.1	3711240.64	84.86
437595.59	3711257.26	84.45
437577.08	3711273.89	81.6
437558.57	3711290.51	80.03
437540.06	3711307.13	78.92
437521.55	3711323.75	78.54
437857.24	3710725.84	68.31
437854.52	3710701.03	68.09
437851.79	3710676.22	67.97
437849.06	3710651.42	67.7
437846.33	3710626.61	67.32
437843.6	3710601.8	67.31
437840.87	3710577	67
437951.68	3710738.57	68.44
437946.72	3710762.25	68.6
437941.76	3710785.92	68.98
437936.79	3710809.59	69.07
437931.83	3710833.26	69.15
437926.87	3710856.93	69.49
437921.91	3710880.6	70.05
437916.94	3710904.27	70.22
437911.98	3710927.94	70.39
437907.02	3710951.61	70.64
437902.05	3710975.29	70.95
437897.09	3710998.96	71.27
437892.13	3711022.63	71.74
437887.17	3711046.3	71.9
437882.2	3711069.97	72.11
437877.24	3711093.64	72.77
437872.28	3711117.31	74.32
437849.32	3711157.14	84.98
437831.33	3711173.3	94.62
437813.33	3711189.46	100.18
437795.34	3711205.62	101.07
437777.34	3711221.78	100.72
437759.35	3711237.94	98.17
437741.35	3711254.1	95.57
437723.36	3711270.26	97.09
437705.36	3711286.42	98.69

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437687.37	3711302.58	98.09
437669.37	3711318.74	97.44
437651.38	3711334.9	97.21
437633.38	3711351.06	96.44
437615.39	3711367.22	94.65
437597.39	3711383.38	92.06
437579.4	3711399.54	89.1
437561.4	3711415.7	88.07
437956.64	3710714.9	68.33
437953.92	3710690.1	68.09
437951.19	3710665.29	67.74
437948.46	3710640.48	67.63
437945.73	3710615.68	67.3
437943	3710590.87	66.92
437940.27	3710566.06	66.8
438050.94	3710728.32	69.45
438045.84	3710752.67	69.68
438040.73	3710777.01	69.25
438035.63	3710801.36	68.96
438030.52	3710825.71	69.15
438025.42	3710850.06	69.69
438020.31	3710874.4	70.21
438015.21	3710898.75	70.74
438010.1	3710923.1	71.06
438005	3710947.45	71.35
437999.9	3710971.79	71.48
437994.79	3710996.14	71.17
437989.69	3711020.49	71.44
437984.58	3711044.84	71.69
437979.48	3711069.18	71.78
437974.37	3711093.53	71.89
437969.27	3711117.88	72.15
437964.16	3711142.23	72.22
437959.06	3711166.57	72.43
437935.45	3711207.54	74.26
437916.94	3711224.16	79.38
437898.43	3711240.79	86.54
437879.92	3711257.41	94.76
437861.41	3711274.03	101.24

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437842.9	3711290.65	102.28
437824.39	3711307.27	102.1
437805.88	3711323.89	101.73
437787.37	3711340.52	101.37
437768.87	3711357.14	101.38
437750.36	3711373.76	101.23
437731.85	3711390.38	100.2
437713.34	3711407	99.61
437694.83	3711423.62	99.45
437676.32	3711440.25	99.16
437657.81	3711456.87	99.05
437639.3	3711473.49	97.78
437620.79	3711490.11	96.38
437602.29	3711506.73	92.31
438056.04	3710703.97	68.68
438053.32	3710679.16	68.37
438050.59	3710654.36	68.39
438047.86	3710629.55	68.47
438045.13	3710604.74	68.75
438042.4	3710579.94	68.86
438039.67	3710555.13	69
438150.45	3710716.86	80.42
438145.46	3710740.67	76.38
438140.46	3710764.49	72.53
438135.47	3710788.31	69.66
438130.48	3710812.13	69.46
438125.48	3710835.95	70.85
438120.49	3710859.77	71.41
438115.5	3710883.58	71.5
438110.5	3710907.4	71.43
438105.51	3710931.22	71.66
438100.52	3710955.04	71.72
438095.52	3710978.86	71.71
438090.53	3711002.67	71.8
438085.54	3711026.49	71.95
438080.54	3711050.31	71.77
438075.55	3711074.13	71.7
438070.55	3711097.95	71.88
438065.56	3711121.77	72.21

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438060.57	3711145.58	72.17
438055.57	3711169.4	72.25
438050.58	3711193.22	72.54
438045.59	3711217.04	72.98
438022.49	3711257.12	73.66
438004.38	3711273.38	74.13
437986.27	3711289.64	75.63
437968.17	3711305.9	78.42
437950.06	3711322.16	85.17
437931.95	3711338.42	93.56
437913.85	3711354.68	99.79
437895.74	3711370.94	102.24
437877.64	3711387.2	102.03
437859.53	3711403.46	101.65
437841.42	3711419.72	101.48
437823.32	3711435.98	101.58
437805.21	3711452.24	101.98
437787.1	3711468.5	101.96
437769	3711484.76	100.25
437750.89	3711501.02	98.1
437732.78	3711517.28	97.23
437714.68	3711533.54	97.2
437696.57	3711549.8	97.16
437678.46	3711566.06	97.45
437660.36	3711582.32	97.47
437642.25	3711598.58	97.1
438155.45	3710693.04	85.79
438152.72	3710668.23	90.79
438149.99	3710643.42	91.73
438147.26	3710618.62	87.32
438144.53	3710593.81	79.62
438141.8	3710569	76.07
438139.08	3710544.2	74.3
438249.74	3710706.45	116.81
438244.64	3710730.8	108.77
438239.53	3710755.15	100.78
438234.43	3710779.5	93.26
438229.32	3710803.84	86.63
438224.22	3710828.19	80.29

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438219.11	3710852.54	74.19
438214.01	3710876.89	69.68
438208.91	3710901.23	71.48
438203.8	3710925.58	72.39
438198.7	3710949.93	72.78
438193.59	3710974.28	72.96
438188.49	3710998.62	73.11
438183.38	3711022.97	73.27
438178.28	3711047.32	73.06
438173.17	3711071.67	72.84
438168.07	3711096.01	72.72
438162.96	3711120.36	72.81
438157.86	3711144.71	73.3
438152.76	3711169.06	73.82
438147.65	3711193.4	74.21
438142.55	3711217.75	74.05
438137.44	3711242.1	73.91
438132.34	3711266.45	73.91
438108.72	3711307.41	74.34
438090.22	3711324.04	75.48
438071.71	3711340.66	77.71
438053.2	3711357.28	79.88
438034.69	3711373.9	84
438016.18	3711390.52	91.72
437997.67	3711407.14	98.19
437979.16	3711423.77	100.98
437960.65	3711440.39	102.47
437942.14	3711457.01	102.87
437923.64	3711473.63	102.8
437905.13	3711490.25	102.64
437886.62	3711506.87	102.35
437868.11	3711523.5	102.21
437849.6	3711540.12	100.63
437831.09	3711556.74	98.72
437812.58	3711573.36	98.36
437794.07	3711589.98	98.23
437775.56	3711606.6	98.17
437757.06	3711623.23	98.2
437738.55	3711639.85	98.06

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437720.04	3711656.47	97.89
437701.53	3711673.09	97.7
437683.02	3711689.71	97.57
438254.85	3710682.11	124.64
438252.12	3710657.3	128.96
438249.39	3710632.49	126.58
438246.66	3710607.69	121.02
438243.93	3710582.88	117.81
438241.2	3710558.07	117.07
438238.48	3710533.27	115.44
438349.23	3710695.09	130.17
438344.22	3710719	133.88
438339.21	3710742.91	130.91
438334.19	3710766.82	123.16
438329.18	3710790.74	113.64
438324.17	3710814.65	104.3
438319.15	3710838.56	95.55
438314.14	3710862.47	90.02
438309.13	3710886.39	85.95
438304.11	3710910.3	82.04
438299.1	3710934.21	76.13
438294.09	3710958.13	71.43
438289.07	3710982.04	71.33
438284.06	3711005.95	72.89
438279.05	3711029.86	73.89
438274.03	3711053.78	74.11
438269.02	3711077.69	74.45
438264.01	3711101.6	74.75
438258.99	3711125.51	74.88
438253.98	3711149.43	74.12
438248.97	3711173.34	73.83
438243.95	3711197.25	74.79
438238.94	3711221.17	75.68
438233.93	3711245.08	75.45
438228.91	3711268.99	73.86
438223.9	3711292.9	73.16
438218.89	3711316.82	73.96
438195.69	3711357.05	76.77
438177.52	3711373.38	80.11

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438159.34	3711389.7	86.01
438141.16	3711406.03	89.63
438122.98	3711422.35	90.51
438104.8	3711438.68	92.36
438086.62	3711455	93.87
438068.45	3711471.33	95.87
438050.27	3711487.65	97.56
438032.09	3711503.98	98.8
438013.91	3711520.3	99.99
437995.73	3711536.63	100.76
437977.55	3711552.95	101.2
437959.38	3711569.28	100.48
437941.2	3711585.6	99.42
437923.02	3711601.93	99.2
437904.84	3711618.25	98.86
437886.66	3711634.58	98.58
437868.48	3711650.9	98.34
437850.31	3711667.23	98.17
437832.13	3711683.55	97.96
437813.95	3711699.88	97.68
437795.77	3711716.2	97.42
437777.59	3711732.53	97.14
437759.41	3711748.85	96.81
437741.24	3711765.17	96.63
437723.06	3711781.5	96.59
438354.25	3710671.17	124.19
438351.52	3710646.37	119.84
438348.79	3710621.56	114.88
438346.06	3710596.75	110.53
438343.33	3710571.95	107.28
438340.61	3710547.14	103.35
438337.88	3710522.33	100.16
438448.54	3710684.59	110.12
438443.44	3710708.94	117.42
438438.33	3710733.28	124.69
438433.23	3710757.63	131.16
438428.12	3710781.98	135.5
438423.02	3710806.33	134.69
438417.92	3710830.67	127.5

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438412.81	3710855.02	117.58
438407.71	3710879.37	107.15
438402.6	3710903.72	97.84
438397.5	3710928.06	98.29
438392.39	3710952.41	96.15
438387.29	3710976.76	90.63
438382.18	3711001.11	81.91
438377.08	3711025.45	71.51
438371.97	3711049.8	72.39
438366.87	3711074.15	73.68
438361.77	3711098.5	73.68
438356.66	3711122.84	73.53
438351.56	3711147.19	75.26
438346.45	3711171.54	76.11
438341.35	3711195.89	75.14
438336.24	3711220.23	74.24
438331.14	3711244.58	74.26
438326.03	3711268.93	74.68
438320.93	3711293.28	75.21
438315.83	3711317.62	76.04
438310.72	3711341.97	76.76
438305.62	3711366.32	76.33
438282	3711407.29	78.72
438263.49	3711423.91	83.44
438244.98	3711440.53	88.32
438226.48	3711457.15	89.87
438207.97	3711473.77	90.12
438189.46	3711490.4	90.9
438170.95	3711507.02	93.3
438152.44	3711523.64	94.65
438133.93	3711540.26	95.07
438115.42	3711556.88	95.98
438096.91	3711573.5	97.29
438078.41	3711590.13	98.8
438059.9	3711606.75	99.65
438041.39	3711623.37	99.71
438022.88	3711639.99	99.74
438004.37	3711656.61	99.68
437985.86	3711673.23	99.54

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437967.35	3711689.86	99.28
437948.84	3711706.48	98.97
437930.33	3711723.1	98.69
437911.83	3711739.72	98.4
437893.32	3711756.34	98.15
437874.81	3711772.96	97.89
437856.3	3711789.58	97.62
437837.79	3711806.21	97.34
437819.28	3711822.83	96.92
437800.77	3711839.45	96.66
437782.26	3711856.07	96.62
437763.75	3711872.69	96.59
438453.65	3710660.24	103.82
438450.92	3710635.43	101.69
438448.19	3710610.63	101.86
438445.46	3710585.82	104.36
438442.73	3710561.01	108.23
438440.01	3710536.21	111.37
438437.28	3710511.4	114.52
438548.02	3710673.29	107.95
438542.99	3710697.27	108.84
438537.97	3710721.24	112.8
438532.94	3710745.22	119.84
438527.91	3710769.2	127.96
438522.88	3710793.18	135.09
438517.86	3710817.16	139.8
438512.83	3710841.14	140.41
438507.8	3710865.12	137.42
438502.78	3710889.09	134.04
438497.75	3710913.07	130.43
438492.72	3710937.05	127.01
438487.69	3710961.03	117.45
438482.67	3710985.01	104.79
438477.64	3711008.99	92.54
438472.61	3711032.97	82.66
438467.59	3711056.94	77.16
438462.56	3711080.92	72.81
438457.53	3711104.9	73.33
438452.5	3711128.88	76.01

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438447.48	3711152.86	76.56
438442.45	3711176.84	77.17
438437.42	3711200.82	77.95
438432.4	3711224.79	78.33
438427.37	3711248.77	77.5
438422.34	3711272.75	75.53
438417.31	3711296.73	74.2
438412.29	3711320.71	73.43
438407.26	3711344.69	73.6
438402.23	3711368.67	74.67
438397.21	3711392.64	76.03
438392.18	3711416.62	76.75
438368.92	3711456.97	77.54
438350.69	3711473.34	77.74
438332.47	3711489.71	78.84
438314.24	3711506.08	81.78
438296.01	3711522.45	86.37
438277.78	3711538.82	88.62
438259.55	3711555.19	89.29
438241.32	3711571.56	90.24
438223.09	3711587.93	91.39
438204.87	3711604.3	93.27
438186.64	3711620.67	95.12
438168.41	3711637.04	97.01
438150.18	3711653.41	99.13
438131.95	3711669.78	100.83
438113.72	3711686.15	102.09
438095.5	3711702.52	102.6
438077.27	3711718.89	103.53
438059.04	3711735.26	105.09
438040.81	3711751.63	105.97
438022.58	3711768	106.07
438004.35	3711784.37	106.35
437986.13	3711800.74	106.53
437967.9	3711817.11	106.56
437949.67	3711833.48	105.97
437931.44	3711849.85	104.68
437913.21	3711866.22	103.03
437894.98	3711882.59	101.39

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437876.75	3711898.96	99.71
437858.53	3711915.33	98.07
437840.3	3711931.7	96.52
437822.07	3711948.07	95.66
437803.84	3711964.44	94.69
438553.05	3710649.31	111.78
438550.32	3710624.5	119.49
438547.59	3710599.69	129.19
438544.86	3710574.89	138.69
438542.13	3710550.08	144.95
438539.41	3710525.27	146.61
438536.68	3710500.47	143.7
438647.34	3710662.72	128.87
438642.24	3710687.07	121.12
438637.13	3710711.42	115.51
438632.03	3710735.77	112.63
438626.93	3710760.11	113.1
438621.82	3710784.46	117.09
438616.72	3710808.81	126.62
438611.61	3710833.16	137.61
438606.51	3710857.5	144.65
438601.4	3710881.85	144.27
438596.3	3710906.2	135.48
438591.19	3710930.55	123.51
438586.09	3710954.89	110.36
438580.99	3710979.24	98.52
438575.88	3711003.59	90.34
438570.78	3711027.94	87.19
438565.67	3711052.28	85.14
438560.57	3711076.63	81.48
438555.46	3711100.98	78.7
438550.36	3711125.33	76.72
438545.25	3711149.67	74.79
438540.15	3711174.02	73.24
438535.04	3711198.37	72.47
438529.94	3711222.72	74.15
438524.84	3711247.06	77.64
438519.73	3711271.41	78.84
438514.63	3711295.76	78.76

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438509.52	3711320.11	79.14
438504.42	3711344.45	79.4
438499.31	3711368.8	78.64
438494.21	3711393.15	78.09
438489.1	3711417.5	78.63
438484	3711441.84	79.04
438478.89	3711466.19	79.11
438455.28	3711507.16	78.83
438436.77	3711523.78	78.73
438418.26	3711540.4	78.7
438399.75	3711557.02	79.22
438381.25	3711573.65	82.45
438362.74	3711590.27	88.18
438344.23	3711606.89	93.53
438325.72	3711623.51	96.42
438307.21	3711640.13	96.09
438288.7	3711656.75	96.21
438270.19	3711673.38	96.29
438251.68	3711690	96.07
438233.17	3711706.62	96.94
438214.67	3711723.24	98.3
438196.16	3711739.86	99.49
438177.65	3711756.48	101.1
438159.14	3711773.11	102.35
438140.63	3711789.73	104.66
438122.12	3711806.35	106.45
438103.61	3711822.97	106.59
438085.1	3711839.59	106.87
438066.6	3711856.21	107.15
438048.09	3711872.84	107.23
438029.58	3711889.46	107.22
438011.07	3711906.08	106.5
437992.56	3711922.7	105.32
437974.05	3711939.32	103.62
437955.54	3711955.94	101.89
437937.03	3711972.57	99.84
437918.52	3711989.19	98.12
437900.02	3712005.81	96.32
437881.51	3712022.43	94.77

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437863	3712039.05	93.13
437844.49	3712055.67	91.31
438652.45	3710638.38	135.83
438649.72	3710613.57	140.9
438646.99	3710588.76	145.6
438644.26	3710563.96	149.15
438641.54	3710539.15	148.6
438638.81	3710514.34	145.67
438636.08	3710489.54	140.97
438746.81	3710651.47	144.07
438741.77	3710675.5	139.37
438736.74	3710699.52	135
438731.7	3710723.55	130.35
438726.66	3710747.58	124.54
438721.62	3710771.61	117.82
438716.59	3710795.63	116.59
438711.55	3710819.66	121.04
438706.51	3710843.69	129.3
438701.48	3710867.71	136.3
438696.44	3710891.74	138.86
438691.4	3710915.77	134.3
438686.36	3710939.8	125.37
438681.33	3710963.82	116.83
438676.29	3710987.85	107.87
438671.25	3711011.88	110.34
438666.21	3711035.9	114.84
438661.18	3711059.93	112.86
438656.14	3711083.96	102.41
438651.1	3711107.99	93.48
438646.06	3711132.01	87.58
438641.03	3711156.04	83.79
438635.99	3711180.07	80.28
438630.95	3711204.09	77.98
438625.92	3711228.12	77.38
438620.88	3711252.15	76.99
438615.84	3711276.18	75.86
438610.8	3711300.2	72.87
438605.77	3711324.23	71.89
438600.73	3711348.26	73.86

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438595.69	3711372.28	76.28
438590.65	3711396.31	78
438585.62	3711420.34	78.69
438580.58	3711444.37	78.33
438575.54	3711468.39	77.47
438570.5	3711492.42	76.6
438565.47	3711516.45	75.44
438542.16	3711556.88	75.95
438523.9	3711573.28	77.06
438505.63	3711589.68	78.73
438487.37	3711606.09	81.35
438469.1	3711622.49	85.98
438450.84	3711638.89	92.2
438432.57	3711655.29	94.13
438414.31	3711671.7	97.03
438396.04	3711688.1	98.77
438377.78	3711704.5	101.78
438359.51	3711720.91	104.72
438341.25	3711737.31	105.57
438322.98	3711753.71	106.06
438304.71	3711770.12	106.65
438286.45	3711786.52	106.76
438268.18	3711802.92	106.83
438249.92	3711819.32	106.9
438231.65	3711835.73	107.07
438213.39	3711852.13	107.31
438195.12	3711868.53	107.3
438176.86	3711884.94	107.11
438158.59	3711901.34	107.37
438140.33	3711917.74	107.45
438122.06	3711934.14	107.53
438103.8	3711950.55	107.61
438085.53	3711966.95	107.74
438067.27	3711983.35	107.71
438049	3711999.76	105.32
438030.73	3712016.16	101.56
438012.47	3712032.56	100.55
437994.2	3712048.97	100.65
437975.94	3712065.37	100.86

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437957.67	3712081.77	101.93
437939.41	3712098.17	102.92
437921.14	3712114.58	101.02
437902.88	3712130.98	95.11
437884.61	3712147.38	90.03
438751.85	3710627.44	150.51
438749.12	3710602.64	159.58
438746.39	3710577.83	164.46
438743.66	3710553.02	163.55
438740.94	3710528.22	157.85
438738.21	3710503.41	152.07
438735.48	3710478.6	148.36
437306.53	3710616.73	75.5
437313.98	3710595.52	76.48
437321.42	3710574.31	76.21
437361.16	3710612.07	75.47
437368.6	3710590.86	75.73
437415.78	3710607.42	87.2
437433.19	3710708.81	93.66
437480.37	3710725.37	92.72
437582.17	3710737.27	84.65
437676.53	3710770.38	73.08
437683.97	3710749.17	73.44
437716.27	3710808.14	70.2
437723.71	3710786.93	69.98
438595.27	3711021.29	93.44
438674.75	3711096.83	105.98
438682.19	3711075.62	115.19
437329.33	3710551.33	76.03
437337.14	3710528.63	76.18
437344.96	3710505.93	75.85
437352.77	3710483.23	75.35
437376.61	3710567.6	76
437384.42	3710544.9	75.72
437392.23	3710522.2	75.15
437400.05	3710499.51	74.47
437423.89	3710583.87	84.21
437431.7	3710561.17	80.96
437439.51	3710538.48	78.18

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437447.32	3710515.78	74.55
437471.16	3710600.14	86.9
437478.98	3710577.45	81.61
437486.79	3710554.75	75.57
437494.6	3710532.05	69.98
437518.44	3710616.42	85.58
437526.25	3710593.72	83.21
437534.07	3710571.02	78.45
437541.88	3710548.33	71.21
437589.16	3710564.6	70.79
437620.81	3710626.27	80.64
437723.18	3710636.11	67.95
437770.46	3710652.39	67.99
437778.27	3710629.69	67.92
437872.82	3710662.24	68.03
438345.6	3710824.97	107.33
438432.34	3710880.21	110.93
438440.16	3710857.51	120.16
438511.27	3710958.15	117.82
438519.09	3710935.45	128.53
438526.9	3710912.76	135.87
438534.71	3710890.06	141.44
438605.83	3710990.7	93.92
438613.64	3710968	102.5
438621.46	3710945.3	114.91
438629.27	3710922.61	127.34
438692.57	3711045.94	122.24
438700.39	3711023.24	120.56
438708.2	3711000.55	114.69
438716.01	3710977.85	118.48
438723.82	3710955.15	126.8
437354	3710454.83	74.98
437343.58	3710413.15	72.98
437401.68	3710461.64	73.09
437397.29	3710421.87	72.99
437450.09	3710451.88	68.44
437445.8	3710409.74	69.01
437498.7	3710437.39	66.27
437497.06	3710475.25	66.46

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437494.31	3710397.61	66.06
437547.15	3710426.61	65.88
437545.39	3710467.18	66.11
437543.64	3710507.75	66.58
437542.82	3710385.49	65.58
437595.61	3710415.5	65.48
437593.77	3710458.1	66.04
437591.92	3710500.7	66.32
437591.32	3710373.36	65.41
437644.18	3710401.95	64.26
437642.46	3710441.71	65.25
437640.74	3710481.47	66.19
437639.02	3710521.23	66.36
437637.29	3710560.99	67.84
437639.83	3710361.23	64.62
437692.65	3710390.6	64.43
437690.86	3710431.91	65.33
437689.08	3710473.22	65.94
437687.29	3710514.53	66.06
437685.5	3710555.84	66.69
437688.34	3710349.11	64.4
437741.13	3710379.12	64.08
437739.29	3710421.72	64.82
437737.44	3710464.32	65.4
437735.6	3710506.92	65.86
437733.76	3710549.52	66.33
437736.84	3710336.98	64.82
437789.68	3710365.98	64.88
437787.93	3710406.55	65.24
437786.17	3710447.12	65.76
437784.41	3710487.69	65.96
437782.66	3710528.26	66.21
437780.9	3710568.83	66.63
437785.35	3710324.85	65.37
437886.65	3710342.74	66.61
437884.81	3710385.34	66.4
437882.97	3710427.94	65.89
437881.12	3710470.54	66.05
437879.28	3710513.14	66.59

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437877.43	3710555.74	66.81
437875.59	3710598.34	67.12
437882.37	3710300.6	64.26
437983.68	3710318.11	66.84
437981.87	3710359.96	64.26
437980.06	3710401.82	67.27
437978.25	3710443.67	67.69
437976.44	3710485.52	68.36
437974.63	3710527.37	68.37
437972.81	3710569.23	67.91
437971	3710611.08	67.63
437979.38	3710276.35	74.11
438080.71	3710293.59	100.25
438078.92	3710334.89	83
438077.13	3710376.2	71.03
438075.35	3710417.51	65.53
438073.56	3710458.82	64.9
438071.77	3710500.13	65.77
438069.98	3710541.44	66.16
438068.19	3710582.75	67.01
438076.39	3710252.09	104.6
438177.7	3710269.98	106.95
438175.85	3710312.58	114.62
438174.01	3710355.18	113.64
438172.16	3710397.78	98.72
438170.32	3710440.38	88.21
438168.48	3710482.98	83.43
438166.63	3710525.58	81.06
438164.79	3710568.18	80.89
438173.41	3710227.84	97.52
438274.72	3710245.46	89.28
438272.9	3710287.54	90.62
438271.08	3710329.61	95.87
438269.26	3710371.68	104.05
438267.44	3710413.76	113.82
438265.62	3710455.83	119.93
438263.79	3710497.9	121.73
438261.97	3710539.98	122.9
438270.42	3710203.58	88.33

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438371.75	3710221	94.04
438369.94	3710262.65	95.47
438368.14	3710304.3	97.61
438366.34	3710345.96	96.2
438364.53	3710387.61	95.08
438362.73	3710429.26	95.08
438360.93	3710470.92	95.52
438359.12	3710512.57	96.95
438367.44	3710179.33	92.23
438468.74	3710197.22	101.56
438466.89	3710239.82	98.65
438465.05	3710282.42	99.99
438463.21	3710325.02	107.31
438461.36	3710367.62	118.94
438459.52	3710410.22	129.5
438457.67	3710452.82	132.42
438455.83	3710495.42	125.73
438464.45	3710155.08	113.87
438565.76	3710172.76	120.47
438563.94	3710214.95	107
438562.11	3710257.15	106.8
438560.28	3710299.34	114.01
438558.46	3710341.54	112.85
438556.63	3710383.73	114.65
438554.8	3710425.92	123.19
438552.98	3710468.12	133.87
438536.54	3710847.87	145.52
438561.47	3710130.82	132.75
438662.78	3710148.34	138.58
438660.97	3710190.19	128.04
438659.16	3710232.04	115.7
438657.35	3710273.89	117.88
438655.54	3710315.75	129.96
438653.73	3710357.6	133.5
438651.91	3710399.45	129.23
438650.1	3710441.3	132.11
438631.99	3710859.83	141.8
438658.48	3710106.57	133.7
438759.78	3710124.46	142.98

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438757.94	3710167.06	146.04
438756.09	3710209.66	138.28
438754.25	3710252.26	127.9
438752.41	3710294.86	126.91
438750.56	3710337.46	133.99
438748.72	3710380.05	144.85
438746.87	3710422.65	144.27
438728.43	3710848.65	130.82
438726.59	3710891.25	141.99
438755.49	3710082.32	139.05
437346.05	3710385.82	71.5
437396.03	3710387.04	73.23
437446.52	3710367.92	69.43
437496.5	3710369.14	66.12
437995.36	3710422.03	67.46
437996.35	3710381.35	65.35
438094.83	3710444.81	66.25
438095.82	3710404.13	70.65
438194.8	3710447.25	97.62
438195.8	3710406.57	107.21
438294.77	3710449.69	107.06
438295.77	3710409.01	101.11
438394.74	3710452.13	103.71
438395.74	3710411.45	105.63
438494.71	3710454.57	141.44
438495.71	3710413.89	131.45
438594.68	3710457.01	129.9
438595.68	3710416.33	121.69
438694.65	3710459.46	141.21
438695.65	3710418.78	135.01
438794.62	3710461.9	153.52
438795.62	3710421.22	152.82
437341.85	3710350.28	68.26
437325.75	3710319.2	65.3
437302.93	3710287.45	64.17
437382.46	3710321.1	71.59
437391.84	3710351.5	73.45
437366.35	3710290.02	67.19
437343.53	3710258.27	65.07

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437424	3710294.96	72.09
437435.26	3710331.44	71.28
437406.96	3710260.84	68.72
437384.14	3710229.09	65.52
437464.33	3710264.91	70.75
437475.05	3710299.66	69
437485.78	3710334.4	66.98
437447.56	3710231.67	69.48
437424.74	3710199.91	65.71
437504.78	3710235.25	69.24
437515.21	3710269.03	67.21
437525.64	3710302.81	66.04
437536.06	3710336.58	65.72
437488.16	3710202.49	70.12
437465.34	3710170.73	65.35
437545.8	3710207.42	67.81
437557.06	3710243.9	66.3
437568.32	3710280.38	65.77
437579.58	3710316.86	65.42
437528.76	3710173.31	69.2
437505.94	3710141.55	65.28
437586.25	3710177.74	66.92
437597.2	3710213.2	65.85
437608.14	3710248.67	65.6
437619.09	3710284.14	65.45
437630.04	3710319.6	65.24
437569.37	3710144.13	67.84
437546.55	3710112.37	64.46
437626.74	3710148.2	66.21
437637.46	3710182.94	65.64
437648.19	3710217.68	65.4
437658.91	3710252.42	65.52
437669.63	3710287.17	65.42
437680.36	3710321.91	65.2
437609.97	3710114.95	66.45
437587.15	3710083.19	64.34
437667.61	3710119.88	65.44
437678.87	3710156.36	65.27
437690.13	3710192.84	65.12

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437701.39	3710229.32	65.43
437712.65	3710265.8	65.61
437723.91	3710302.28	65.41
437650.57	3710085.77	65.44
437627.75	3710054.01	64.23
437708.1	3710090.35	64.82
437719.14	3710126.11	64.98
437730.18	3710161.88	64.8
437741.22	3710197.64	64.47
437752.26	3710233.41	65.27
437763.3	3710269.17	65.82
437774.33	3710304.94	65.62
437691.17	3710056.59	64.55
437668.35	3710024.83	63.88
437789.42	3710032.35	61.79
437800.68	3710068.83	63.39
437811.94	3710105.31	64.61
437823.2	3710141.79	64.72
437834.46	3710178.27	63.22
437845.71	3710214.75	63.73
437856.97	3710251.23	66.17
437772.38	3709998.23	63.03
437749.56	3709966.48	62.18
437870.7	3709974.25	65.84
437882.13	3710011.26	69.1
437893.55	3710048.27	68.9
437904.97	3710085.28	68.77
437916.39	3710122.29	70.42
437927.82	3710159.3	73.44
437939.24	3710196.3	74.08
437950.66	3710233.31	73.67
437853.58	3709939.87	64.09
437830.76	3709908.12	61.39
437951.76	3709915.4	69.96
437962.88	3709951.43	70.44
437974	3709987.46	70.28
437985.12	3710023.49	71.4
437996.24	3710059.52	72.74
438007.36	3710095.55	73.87

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438018.48	3710131.58	78.57
438029.6	3710167.61	85.23
438040.72	3710203.64	90.68
438051.84	3710239.67	96.06
438062.96	3710275.7	99.82
437934.79	3709881.51	65.96
437911.97	3709849.76	64.87
438033.03	3709857.27	70.3
438044.29	3709893.75	71.88
438055.55	3709930.23	76.33
438066.81	3709966.71	82.78
438078.07	3710003.19	84.19
438089.33	3710039.67	83.9
438100.59	3710076.15	85.74
438111.85	3710112.63	95.65
438123.11	3710149.11	101.54
438134.37	3710185.59	102.14
438145.63	3710222.07	101.43
438156.88	3710258.55	106.99
438015.99	3709823.15	68.47
437993.17	3709791.4	66.98
438114.29	3709799.09	71.06
438125.67	3709835.94	72.37
438137.04	3709872.79	73.35
438148.41	3709909.64	74.41
438159.79	3709946.49	76.81
438171.16	3709983.34	79.12
438182.53	3710020.19	80.12
438193.91	3710057.03	81.81
438205.28	3710093.88	83.72
438216.65	3710130.73	85.21
438228.02	3710167.58	86.49
438239.4	3710204.43	87.62
438250.77	3710241.28	89.7
438284.89	3710351.82	94.96
438097.2	3709764.79	70.28
438074.38	3709733.04	69.03
438195.55	3709740.89	75.03
438207.01	3709778.04	78.91

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438218.48	3709815.2	81.59
438229.95	3709852.36	80.35
438241.42	3709889.51	80.55
438252.89	3709926.67	84.62
438264.35	3709963.82	86.53
438275.82	3710000.98	88.18
438287.29	3710038.13	88
438298.76	3710075.29	91.48
438310.22	3710112.44	90.89
438321.69	3710149.6	89.57
438333.16	3710186.76	89.88
438344.63	3710223.91	91.68
438390.5	3710372.53	103.66
438178.4	3709706.43	71.06
438155.58	3709674.68	70.54
438276.65	3709682.19	79.14
438287.91	3709718.67	90.24
438299.17	3709755.15	96.69
438310.43	3709791.63	99.45
438321.68	3709828.11	103.31
438332.94	3709864.59	110.48
438344.2	3709901.07	117.78
438355.46	3709937.55	122.73
438366.72	3709974.03	124.05
438377.98	3710010.51	123.37
438389.24	3710046.99	124.3
438400.5	3710083.47	121.87
438411.76	3710119.95	114
438423.02	3710156.43	105.59
438434.28	3710192.91	98.95
438445.54	3710229.39	97.51
438484.94	3710357.07	113.48
438259.61	3709648.07	73.09
438236.79	3709616.32	72.69
438357.9	3709623.97	80.1
438369.24	3709660.74	79.18
438380.59	3709697.5	81.84
438391.94	3709734.26	87.17
438403.28	3709771.03	91.93

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438414.63	3709807.79	102.14
438425.97	3709844.55	114.8
438437.32	3709881.31	122.25
438448.67	3709918.08	134.04
438460.01	3709954.84	138.22
438471.36	3709991.6	138.25
438482.71	3710028.37	133.67
438494.05	3710065.13	131.79
438505.4	3710101.89	132.43
438516.75	3710138.65	126.35
438528.09	3710175.42	115.3
438539.44	3710212.18	105.68
438573.48	3710322.47	117.37
438584.83	3710359.23	118.4
438340.81	3709589.72	80.08
438317.99	3709557.96	78.64
438439.14	3709565.74	93.68
438450.56	3709602.75	95.12
438461.98	3709639.76	94.96
438473.41	3709676.76	90.23
438484.83	3709713.77	86.25
438496.25	3709750.78	86.87
438507.67	3709787.79	87.31
438519.1	3709824.8	90.64
438530.52	3709861.81	96.89
438541.94	3709898.82	100.95
438553.36	3709935.83	103.86
438564.79	3709972.83	103.84
438576.21	3710009.84	106.52
438587.63	3710046.85	118.65
438599.05	3710083.86	131.96
438610.47	3710120.87	137.11
438621.9	3710157.88	132.78
438633.32	3710194.89	121.7
438679.01	3710342.92	135.94
438690.43	3710379.93	137.31
438422.02	3709531.36	92.64
438399.2	3709499.6	93.28
438520.38	3709507.49	115.65

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438531.87	3709544.71	117.74
438543.35	3709581.94	112.31
438554.84	3709619.16	107.16
438566.33	3709656.39	106.07
438577.82	3709693.61	105.67
438589.31	3709730.83	104.23
438600.8	3709768.06	101.02
438612.29	3709805.28	96.11
438623.78	3709842.51	92.07
438635.27	3709879.73	93.8
438646.76	3709916.96	98.99
438658.24	3709954.18	107.04
438669.73	3709991.41	111.98
438681.22	3710028.63	114.49
438692.71	3710065.86	119.17
438704.2	3710103.08	128.48
438715.69	3710140.3	139.76
438727.18	3710177.53	142.22
438773.13	3710326.43	131.2
438784.62	3710363.65	140.78
438503.22	3709473	111.91
438480.4	3709441.24	107.85
437273.32	3710263.86	63.81
437239.83	3710241.54	63.33
437317.8	3710233.42	64.12
437284.31	3710211.1	63.64
437250.82	3710188.77	63.25
437358.4	3710204.24	64.73
437328.79	3710180.66	63.91
437295.3	3710158.33	63.61
437386.13	3710162.64	64.9
437356.52	3710139.05	63.94
437323.03	3710116.73	63.55
437413.87	3710121.04	64.78
437439.6	3710145.88	64.96
437384.25	3710097.45	64
437350.76	3710075.13	63.44
437441.6	3710079.43	64.18
437467.34	3710104.28	64.43

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437411.99	3710055.85	63.85
437378.5	3710033.52	63.24
437469.33	3710037.83	63.45
437495.07	3710062.68	63.36
437520.81	3710087.53	63.3
437439.72	3710014.24	63.34
437406.23	3709991.92	62.97
437497.07	3709996.23	62.79
437522.81	3710021.07	62.49
437548.54	3710045.92	62.76
437467.45	3709972.64	62.85
437433.96	3709950.31	62.75
437526.41	3709956.18	61.43
437555.36	3709984.13	61.95
437584.32	3710012.08	63.01
437495.19	3709931.04	61.59
437461.7	3709908.71	62.31
437553.96	3709914.4	61.53
437582.56	3709942.01	62.09
437611.16	3709969.62	62.84
437639.76	3709997.23	63.19
437522.92	3709889.43	60.9
437489.43	3709867.11	61.01
437609.17	3709830.94	61.63
437637.25	3709858.05	61.72
437665.33	3709885.16	60.04
437693.4	3709912.26	59.74
437721.48	3709939.37	61.56
437578.39	3709806.23	61.31
437544.9	3709783.9	60.93
437664.46	3709747.56	61.28
437692.18	3709774.32	60.69
437719.89	3709801.08	58.55
437747.61	3709827.84	58.69
437775.33	3709854.6	59.13
437803.05	3709881.36	57.82
437633.86	3709723.02	61.12
437600.37	3709700.69	60.81
437719.79	3709664.23	60.86

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437747.25	3709690.73	60.9
437774.7	3709717.24	56.31
437802.15	3709743.74	52.42
437829.61	3709770.24	58.37
437857.06	3709796.75	61.85
437884.52	3709823.25	63.68
437689.32	3709639.81	60.66
437655.83	3709617.49	60.46
437776.01	3709581.74	60.21
437804.97	3709609.7	59.97
437833.92	3709637.65	54.27
437862.88	3709665.61	57.7
437891.83	3709693.56	62.5
437920.79	3709721.51	63.58
437949.74	3709749.47	65.25
437744.79	3709556.61	60.03
437711.3	3709534.28	59.9
437831.3	3709498.36	56.95
437859.9	3709525.97	55.14
437888.5	3709553.58	52.05
437917.09	3709581.19	60.55
437945.69	3709608.8	63.16
437974.29	3709636.41	64.82
438002.88	3709664.02	66.62
438031.48	3709691.63	67.82
437800.26	3709473.4	56.73
437766.77	3709451.07	56.43
437886.62	3709415.02	52.62
437914.94	3709442.35	55.82
437943.25	3709469.69	59.33
437971.56	3709497.02	61.55
437999.87	3709524.35	63.34
438028.18	3709551.68	67.07
438056.49	3709579.02	67.48
438084.8	3709606.35	68.82
438113.12	3709633.68	70.13
437855.72	3709390.19	50.13
437822.23	3709367.87	48.61
437941.97	3709331.7	58.25

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437970.05	3709358.81	59.38
437998.13	3709385.91	59.82
438026.21	3709413.02	61.29
438054.28	3709440.13	66.78
438082.36	3709467.23	67.74
438110.44	3709494.34	67.65
438138.52	3709521.45	69.19
438166.59	3709548.55	70.4
438194.67	3709575.66	71.6
437911.19	3709306.98	57.59
437877.7	3709284.66	57.78
437997.34	3709248.4	58.25
438025.23	3709275.32	58.56
438053.11	3709302.24	61.49
438080.99	3709329.15	65.4
438108.87	3709356.07	68.01
438136.76	3709382.99	67.77
438164.64	3709409.91	67.58
438192.52	3709436.83	69.16
438220.4	3709463.75	70.19
438248.29	3709490.67	71.77
438276.17	3709517.58	73.14
437966.66	3709223.78	58.18
437933.17	3709201.45	57.65
438053.28	3709165.65	59.59
438082.11	3709193.48	61.03
438110.94	3709221.31	64.87
438139.76	3709249.14	68.22
438168.59	3709276.97	67.92
438197.41	3709304.8	66.37
438226.24	3709332.63	66.97
438255.07	3709360.46	69.2
438283.89	3709388.28	70.64
438312.72	3709416.11	72.95
438341.55	3709443.94	82.92
438370.37	3709471.77	92.41
438022.13	3709140.57	58.79
437988.64	3709118.25	57.79
438108.64	3709082.33	59.59

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438137.23	3709109.94	63.19
438165.83	3709137.55	66.71
438194.43	3709165.16	66.68
438223.03	3709192.77	64.71
438251.62	3709220.37	64.46
438280.22	3709247.98	65.24
438308.82	3709275.59	67.5
438337.42	3709303.2	70.41
438366.01	3709330.81	83.9
438394.61	3709358.42	96.25
438423.21	3709386.03	104.18
438451.8	3709413.64	105.81
438077.59	3709057.36	57.17
438044.1	3709035.04	58.08
437216.54	3710215.91	62.98
437560.19	3710008.56	62.6
437925.03	3709745.14	64.05
438006.11	3709686.6	66.85
437280.77	3710233.2	63.69
437322.73	3710276.31	64.63
437378.59	3710253.95	66.27
437430.98	3710247.96	69.55
437616.2	3710338.58	65.11
437665.11	3710348.96	64.52
437762.93	3710369.71	64.24
437860.76	3710390.47	65.63
437867.7	3710357.73	66.28
437958.58	3710411.22	67.62
437965.53	3710378.48	66.89
438056.4	3710431.98	65
437265.29	3710160.3	63.34
437512.3	3710332.18	66.05
437555.45	3710357.43	65.49
437567.36	3710337.09	65.45
437617.94	3710448.63	65.33
437704.25	3710499.15	65.89
437716.15	3710478.8	65.71
437814.36	3710508.97	66.4
437826.27	3710488.63	66.25

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437888.76	3710579.83	67.01
437900.67	3710559.49	66.85
437912.58	3710539.14	66.54
437998.88	3710589.66	68.89
438073.28	3710660.51	68.09
438085.18	3710640.17	68.46
437259.86	3710108.07	63.09
437229.34	3710080.35	62.69
437209.69	3710067.85	61.95
437190.05	3710055.35	58.53
437170.4	3710042.85	53.66
437150.75	3710030.35	50.08
437286.71	3710065.89	63.04
437308.46	3710096.32	63.35
437256.18	3710038.17	62.65
437236.54	3710025.67	62.45
437216.89	3710013.17	61.43
437197.24	3710000.67	57.8
437177.6	3709988.16	52.02
437315.72	3710026.75	62.89
437358.13	3710166.4	64.23
437283.03	3709995.99	62.45
437263.38	3709983.49	62.24
437243.73	3709970.98	61.94
437224.09	3709958.48	60.83
437204.44	3709945.98	56.24
437341.95	3709983.7	62.55
437407.2	3710151.47	65.02
437400.97	3710193.77	65.29
437309.87	3709953.81	62.42
437290.22	3709941.3	62.13
437270.58	3709928.8	61.89
437250.93	3709916.3	61.12
437231.29	3709903.8	57.55
437368.45	3709941.03	62.23
437440.96	3710042.47	63.56
437336.71	3709911.62	61.92
437317.07	3709899.12	61.85
437297.42	3709886.62	61.72

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437277.77	3709874.12	61.37
437258.13	3709861.61	60.06
437396.26	3709900.2	62
437474.58	3710009.75	63.18
437507.2	3710108.94	63.83
437497.39	3710175.55	68.17
437363.56	3709869.44	61.54
437343.91	3709856.94	61.45
437324.26	3709844.44	61.33
437304.62	3709831.93	61.17
437284.97	3709819.43	61
437422.74	3709857.51	61.72
437498.88	3709964.02	62.15
437559.16	3710074.36	63.37
437533.74	3710247.07	67.09
437390.4	3709827.26	61.32
437370.75	3709814.75	61.2
437351.11	3709802.25	61.06
437331.46	3709789.75	60.9
437311.82	3709777.25	60.76
437450.28	3709816.3	61.48
437463.67	3709835.03	61.57
437530.61	3709928.66	61.06
437594.17	3710154.89	67.05
437580.77	3710245.99	65.85
437436.89	3709797.58	61.38
437417.24	3709785.07	61.2
437397.6	3709772.57	61.03
437377.95	3709760.07	60.82
437358.31	3709747.57	60.62
437338.66	3709735.07	60.4
437476.79	3709773.65	60.57
437502.89	3709810.17	60.53
437529	3709846.68	61.1
437555.11	3709883.2	61.8
437656.26	3710051.47	64.47
437444.09	3709742.89	60.83
437424.44	3709730.39	60.85
437404.8	3709717.89	60.64

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437385.15	3709705.38	60.41
437365.5	3709692.88	60.1
437503.38	3709731.11	60.09
437528.97	3709766.91	60.57
437580.16	3709838.51	61.75
437605.75	3709874.31	62.16
437631.35	3709910.11	62.37
437656.94	3709945.91	61.92
437682.54	3709981.71	62.51
437692.11	3710126.37	65.18
437679.29	3710213.44	65.23
437470.93	3709700.71	60.15
437451.29	3709688.21	60.44
437431.64	3709675.7	60.5
437411.99	3709663.2	60.15
437392.35	3709650.7	57.58
437557.32	3709647.1	60
437583.43	3709683.62	60.6
437635.64	3709756.65	61.36
437661.74	3709793.17	60.13
437687.85	3709829.69	58.85
437713.96	3709866.2	59.08
437740.06	3709902.72	60.97
437766.17	3709939.24	61.32
437792.28	3709975.75	59.19
437788.99	3710105.04	64.31
437782.45	3710149.45	63.91
437775.92	3710193.86	63.8
437524.62	3709616.34	59.27
437504.97	3709603.84	58.82
437485.33	3709591.34	58.75
437465.68	3709578.84	58.89
437446.04	3709566.33	58.75
437611.2	3709563	59.93
437624.44	3709581.52	60.11
437637.68	3709600.05	60.28
437690.65	3709674.14	60.87
437703.89	3709692.66	61.03
437717.13	3709711.18	61.16

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437730.38	3709729.71	60.57
437743.62	3709748.23	59.04
437756.86	3709766.75	56.23
437770.1	3709785.28	54.74
437783.35	3709803.8	54.29
437796.59	3709822.32	54.61
437809.83	3709840.84	58.17
437823.07	3709859.37	61.05
437836.32	3709877.89	61.94
437862.8	3709914.94	64.03
437876.04	3709933.46	64.52
437889.29	3709951.98	65.73
437899.21	3709993.03	69.17
437882.64	3710105.67	62.3
437879.32	3710128.2	61
437876	3710150.72	61.6
437872.69	3710173.25	63.66
437869.37	3710195.78	66.2
437856.11	3710285.89	63.45
437852.8	3710308.41	64.48
437849.48	3710330.94	65.85
437842.85	3710375.99	65.48
437839.53	3710398.52	65.44
437836.22	3710421.05	65.66
437832.9	3710443.58	66.13
437829.59	3710466.1	66.12
437597.95	3709544.48	59.75
437578.31	3709531.97	59.57
437558.66	3709519.47	59.31
437539.01	3709506.97	58.98
437519.37	3709494.47	58.47
437499.72	3709481.97	58.38
437665.03	3709478.84	59.37
437678.42	3709497.56	59.58
437691.8	3709516.29	59.76
437745.36	3709591.2	60.33
437758.74	3709609.92	60.5
437772.13	3709628.65	60.66
437785.52	3709647.38	60.6

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437798.91	3709666.1	58.13
437812.3	3709684.83	54.05
437825.68	3709703.56	53.88
437839.07	3709722.28	58.88
437852.46	3709741.01	62.13
437865.85	3709759.74	62.6
437879.24	3709778.46	63.12
437892.62	3709797.19	63.66
437906.01	3709815.92	64.35
437959.56	3709890.82	68.96
437986.34	3709928.27	71.78
437996.37	3709969.78	71.89
437979.62	3710083.65	71.97
437976.26	3710106.42	72.59
437972.91	3710129.2	73.36
437969.56	3710151.97	73.99
437966.21	3710174.75	74.31
437962.86	3710197.52	74.18
437952.8	3710265.85	72.47
437949.45	3710288.62	67.91
437946.1	3710311.4	64.94
437942.74	3710334.17	65.18
437939.39	3710356.94	66.86
437936.04	3710379.72	67.3
437932.69	3710402.49	67.47
437929.34	3710425.27	67.42
437925.98	3710448.04	67.14
437922.63	3710470.82	66.75
437919.28	3710493.59	66.52
437915.93	3710516.37	66.45
437651.64	3709460.11	59.16
437631.99	3709447.61	59.01
437612.35	3709435.11	58.85
437592.7	3709422.6	58.69
437573.06	3709410.1	58.55
437553.41	3709397.6	58.32
437718.83	3709394.63	53.65
437732.33	3709413.52	54.18
437745.84	3709432.41	54.76

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437799.85	3709507.96	59.03
437813.35	3709526.85	59.5
437826.86	3709545.74	59.45
437840.36	3709564.62	57.51
437853.86	3709583.51	53.47
437867.37	3709602.4	52.48
437880.87	3709621.29	55.98
437894.37	3709640.18	60.36
437907.88	3709659.06	62.14
437921.38	3709677.95	62.92
437934.88	3709696.84	63.73
437948.39	3709715.73	64.72
437975.4	3709753.5	66.21
438056.42	3709866.83	70.63
438069.92	3709885.72	71.92
438083.42	3709904.61	74.65
438093.54	3709946.47	81.91
438090.16	3709969.44	83.72
438076.64	3710061.32	84.29
438073.26	3710084.29	86.22
438069.88	3710107.26	89.76
438066.5	3710130.24	93.02
438063.12	3710153.21	95.13
438059.74	3710176.18	96.14
438042.83	3710291.03	92.17
438039.45	3710314	84.17
438036.07	3710336.97	75.48
438032.69	3710359.95	67.74
438029.31	3710382.92	63.51
438025.93	3710405.89	65.37
438022.55	3710428.86	67.02
438019.17	3710451.83	67.99
438015.78	3710474.8	68.37
438012.4	3710497.77	68.75
438009.02	3710520.74	69.07
438005.64	3710543.71	69.21
438002.26	3710566.68	69.12
437705.33	3709375.74	53.49
437685.68	3709363.24	54.06

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437666.04	3709350.74	56.3
437646.39	3709338.24	57.54
437626.74	3709325.74	57.82
437607.1	3709313.23	57.71
437772.2	3709309.82	48.68
437785.39	3709328.26	49.03
437798.57	3709346.71	49.2
437851.31	3709420.48	50.39
437864.5	3709438.92	50.33
437877.68	3709457.36	50.47
437890.87	3709475.81	50.07
437904.05	3709494.25	50.25
437917.24	3709512.69	54.01
437930.42	3709531.14	58.25
437943.61	3709549.58	61.38
437956.79	3709568.02	62.85
437969.98	3709586.46	63.86
437983.16	3709604.91	64.96
437996.35	3709623.35	66.07
438009.53	3709641.79	66.74
438154.57	3709844.66	73.1
438167.75	3709863.11	73.47
438180.94	3709881.55	74.04
438190.82	3709922.42	77
438171.02	3710057	82.27
438167.71	3710079.43	84.01
438161.11	3710124.29	88.73
438157.81	3710146.72	91.7
438154.51	3710169.15	94.69
438138	3710281.29	107.72
438134.7	3710303.72	105.91
438131.4	3710326.15	101.56
438124.8	3710371.01	86.79
438121.5	3710393.44	79.71
438111.59	3710460.73	69.6
438108.29	3710483.16	67.95
438101.69	3710528.02	66.11
438098.39	3710550.45	66.43
438095.09	3710572.88	67.12

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438088.49	3710617.74	68.4
437759.02	3709291.38	48.55
437739.37	3709278.88	48.94
437719.72	3709266.37	49.45
437700.08	3709253.87	49.92
437680.43	3709241.37	49.95
437660.79	3709228.87	50.53
437826	3709225.61	56.08
437839.29	3709244.21	57.09
437852.59	3709262.8	57.73
437905.77	3709337.19	58.27
437919.06	3709355.78	58.93
437932.36	3709374.38	59.62
437945.65	3709392.98	59.92
437958.95	3709411.57	60.18
437972.24	3709430.17	60.31
437985.54	3709448.77	60.86
437998.83	3709467.36	61.45
438012.13	3709485.96	63.36
438025.42	3709504.56	65.75
438038.72	3709523.15	67
438052.01	3709541.75	67.45
438131.78	3709653.33	70.24
438238.14	3709802.1	85.24
438251.44	3709820.7	87.94
438264.73	3709839.29	88.48
438278.03	3709857.89	90.21
438287.99	3709899.1	96
438284.66	3709921.72	96.6
438281.34	3709944.34	93.59
438264.69	3710057.42	84.01
438261.36	3710080.04	84.3
438258.04	3710102.65	85.02
438254.71	3710125.27	86
438251.38	3710147.88	86.78
438234.73	3710260.97	92.5
438231.41	3710283.58	97.52
438228.08	3710306.2	104.08
438224.75	3710328.82	111.21

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438221.42	3710351.43	118.3
438218.09	3710374.05	121.3
438201.45	3710487.13	96.68
438198.12	3710509.75	93.53
438194.79	3710532.37	91.49
438191.46	3710554.98	89.59
438188.13	3710577.6	90.35
438184.8	3710600.21	94.52
438181.48	3710622.83	102.48
438178.15	3710645.45	102.85
437812.7	3709207.01	55.05
437793.06	3709194.51	53.14
437773.41	3709182.01	52.47
437753.77	3709169.51	52.08
437734.12	3709157	52.08
437714.47	3709144.5	52.28
437879.78	3709141.37	56.74
437893.17	3709160.1	56.87
437906.55	3709178.83	57.13
437946.72	3709235.01	57.99
437960.11	3709253.73	58.06
437973.49	3709272.46	58
437986.88	3709291.19	58
438000.27	3709309.91	58.19
438013.66	3709328.64	59.04
438027.05	3709347.36	59.88
438040.43	3709366.09	61.89
438053.82	3709384.82	64.32
438067.21	3709403.54	66.4
438080.6	3709422.27	67.7
438093.99	3709441	67.76
438107.37	3709459.72	67.58
438134.15	3709497.18	68.23
438214.48	3709609.54	72.49
438321.58	3709759.35	98.6
438334.97	3709778.08	100.1
438348.36	3709796.8	102.62
438361.74	3709815.53	108.07
438375.13	3709834.26	112.98

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438385.17	3709875.76	126.15
438381.82	3709898.53	129.99
438378.46	3709921.31	131.77
438361.7	3710035.18	114.44
438358.35	3710057.95	111.32
438355	3710080.73	107.98
438351.65	3710103.5	103.66
438348.3	3710126.28	97.42
438344.94	3710149.05	92.47
438328.18	3710262.93	91.16
438324.83	3710285.7	91.44
438321.48	3710308.47	90.85
438318.13	3710331.25	90.64
438314.78	3710354.02	91.4
438311.43	3710376.8	93.27
438294.67	3710490.67	110.87
438291.31	3710513.45	114.03
438287.96	3710536.22	117.57
438284.61	3710559	121.98
438281.26	3710581.77	126.07
438277.91	3710604.55	129.74
438274.55	3710627.32	133.18
437866.39	3709122.65	56.69
437846.74	3709110.14	56.7
437827.1	3709097.64	56.65
437807.45	3709085.14	56.31
437787.81	3709072.64	55.71
437768.16	3709060.14	54.93
437933.55	3709057.12	57.32
437947.01	3709075.96	57.25
437960.48	3709094.79	57.16
438000.88	3709151.31	58.89
438014.35	3709170.15	58.78
438027.82	3709188.98	58.82
438041.29	3709207.82	58.88
438054.75	3709226.66	59.79
438068.22	3709245.5	61.24
438081.69	3709264.34	63.08
438095.16	3709283.17	65.42

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438108.62	3709302.01	67.34
438122.09	3709320.85	68.06
438135.56	3709339.69	68.13
438149.03	3709358.53	67.73
438162.5	3709377.36	67.37
438283.7	3709546.91	74.68
438310.64	3709584.58	76.93
438418.38	3709735.29	82.23
438431.85	3709754.12	84.73
438445.32	3709772.96	88.3
438458.78	3709791.8	92.49
438472.25	3709810.64	95.18
438482.35	3709852.39	106.76
438478.97	3709875.3	115.3
438475.6	3709898.21	122.64
438472.23	3709921.12	128.4
438458.74	3710012.76	140.13
438455.37	3710035.67	138.82
438452	3710058.58	137.39
438448.63	3710081.49	134.1
438445.26	3710104.4	127.59
438441.88	3710127.31	117.97
438425.02	3710241.86	96.29
438421.65	3710264.77	97.13
438418.28	3710287.68	100.35
438414.91	3710310.59	104.99
438411.54	3710333.5	107.67
438408.16	3710356.41	108.84
438387.93	3710493.87	99.38
438384.56	3710516.78	97.82
438381.19	3710539.69	97.64
438377.82	3710562.6	99.06
438374.45	3710585.51	102.01
438371.07	3710608.42	106.36
437920.08	3709038.28	57.16
437900.43	3709025.78	57.05
437880.79	3709013.28	57.07
437861.14	3709000.77	57.17
437841.49	3708988.27	57.23

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437821.85	3708975.77	57.17
437987.3	3708972.85	58.18
438000.84	3708991.78	59.41
438014.38	3709010.72	59.44
438054.99	3709067.52	57.86
438068.52	3709086.46	58.87
438082.06	3709105.39	59.71
438095.6	3709124.33	60.79
438109.13	3709143.26	61.3
438122.67	3709162.19	62.32
438136.21	3709181.13	63.5
438149.74	3709200.06	66.19
438163.28	3709219	67.86
438176.82	3709237.93	68.13
438190.35	3709256.87	67.17
438203.89	3709275.8	65.97
438366.33	3709503.02	88.9
438379.87	3709521.95	88.02
438393.4	3709540.89	89.34
438406.94	3709559.82	91.04
438420.48	3709578.76	92.91
438501.7	3709692.36	92.63
438515.23	3709711.3	91.85
438528.77	3709730.23	91.56
438542.31	3709749.17	90.59
438555.84	3709768.1	89.63
438569.38	3709787.04	89.19
438579.53	3709829	88.48
438576.14	3709852.03	89.57
438572.75	3709875.06	92.3
438569.36	3709898.08	95.67
438552.41	3710013.22	111.6
438549.02	3710036.25	115
438545.64	3710059.28	120.63
438542.25	3710082.3	126.88
438538.86	3710105.33	131.84
438518.52	3710243.5	102.06
438515.13	3710266.53	103.1
438511.74	3710289.55	103.47

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438508.35	3710312.58	104.28
438504.97	3710335.61	106.97
438498.19	3710381.66	119.57
438481.24	3710496.8	135.96
438477.85	3710519.83	130.95
438474.46	3710542.86	125.48
438471.07	3710565.89	119.71
437973.77	3708953.91	57.57
437954.12	3708941.41	57.08
437934.47	3708928.91	56.63
437914.83	3708916.41	56.14
437895.18	3708903.91	55.67
437875.54	3708891.4	55.62
438040.77	3708888.18	58.03
438054.09	3708906.81	59.01
438067.41	3708925.44	59.77
438080.73	3708944.07	60.26
438094.05	3708962.7	60.3
438107.37	3708981.33	59.58
438120.69	3708999.96	59.05
438134.01	3709018.6	59.33
438147.33	3709037.23	61.15
438160.65	3709055.86	64.05
438173.97	3709074.49	66.45
438187.29	3709093.12	68.26
438200.61	3709111.75	68.87
438213.93	3709130.38	68.51
438227.25	3709149.01	67.23
438240.57	3709167.64	65.51
438253.89	3709186.27	64.83
438280.53	3709223.54	64.93
438400.4	3709391.22	100.03
438413.72	3709409.85	103.1
438427.04	3709428.48	103.97
438440.36	3709447.11	104.14
438453.68	3709465.74	103.46
438467	3709484.37	103.49
438480.32	3709503	106.31
438493.64	3709521.63	108.9

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
438506.96	3709540.26	110.72
438573.56	3709633.42	107.49
438600.2	3709670.68	106.74
438613.52	3709689.31	106.57
438626.84	3709707.94	106.19
438640.16	3709726.57	106.09
438653.48	3709745.21	105.99
438666.8	3709763.84	105.69
438676.78	3709805.13	104.76
438673.45	3709827.78	102.01
438670.11	3709850.44	95.38
438666.78	3709873.1	95.09
438663.44	3709895.76	97.39
438646.77	3710009.05	106.86
438643.43	3710031.71	112.38
438640.1	3710054.37	119.43
438636.76	3710077.03	127.11
438633.43	3710099.69	134.42
438616.75	3710212.98	113.45
438613.42	3710235.64	109.22
438610.08	3710258.29	110.12
438606.75	3710280.95	117.59
438603.41	3710303.61	122.3
438600.08	3710326.27	124.26
438590.07	3710394.25	118.89
438576.73	3710484.88	138.53
438573.4	3710507.54	145.55
438570.06	3710530.2	149.62
438566.73	3710552.85	148.17
438027.45	3708869.55	56.48
438007.81	3708857.05	55.71
437988.16	3708844.54	55.21
437968.52	3708832.04	54.98
437948.87	3708819.54	54.76
437929.22	3708807.04	54.44
437106.84	3710028.1	61.05
437074.68	3710047.98	65.55
437056.82	3710062.36	67.9
437038.96	3710076.75	70.4

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437080.24	3709987.33	64.7
437138.1	3709977.84	56.1
437043.32	3710009.03	68.99
437025.46	3710023.42	71.8
437007.6	3710037.81	75.05
437046.97	3709949.12	68.13
437081.27	3709935.94	65.78
437133.34	3709927.41	61.84
437168.89	3709936.69	52.24
437011.96	3709970.09	73.56
436994.1	3709984.48	77.54
436976.23	3709998.87	82.97
437017.52	3709909.44	70.6
437055.62	3709894.8	68.23
437093.73	3709880.16	66.19
437132.54	3709878	63.9
437172.04	3709888.32	56.79
436980.6	3709931.15	76.13
436962.73	3709945.54	82.59
436944.87	3709959.93	90.82
436987.51	3709869.98	71.95
437028.35	3709854.29	69.94
437069.18	3709838.6	67.17
437131.17	3709828.45	63.51
437173.49	3709839.5	58.99
437215.81	3709850.56	51.43
436949.24	3709892.21	75.55
436931.37	3709906.6	81.48
436913.51	3709920.98	89.91
436954.79	3709831.56	77.86
436992.9	3709816.92	81.06
437031.01	3709802.28	79.26
437069.12	3709787.64	72.85
437126.98	3709778.15	64.13
437166.48	3709788.47	55.88
437205.97	3709798.79	48.56
437245.47	3709809.11	56.17
436917.87	3709853.27	77.73
436900.01	3709867.66	79.3

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436882.15	3709882.04	86.63
436924.38	3709792.25	91.96
436964.4	3709776.88	100.31
437004.41	3709761.51	101.58
437044.42	3709746.13	92.63
437084.44	3709730.76	87.57
437125.18	3709728.49	77.81
437166.66	3709739.32	59.84
437208.13	3709750.16	50.12
437249.61	3709761	59.54
436886.51	3709814.33	90.4
436868.65	3709828.72	93.22
436850.78	3709843.1	97.23
436893.8	3709753.01	102.58
436935.37	3709737.04	109.01
436976.95	3709721.07	113.75
437018.52	3709705.1	111.17
437060.09	3709689.12	109.76
437123.21	3709678.78	96.97
437166.3	3709690.04	75.52
437209.39	3709701.29	55.65
437252.48	3709712.55	57.84
437295.57	3709723.81	60.16
436855.15	3709775.39	109.11
436837.29	3709789.77	112.09
436819.42	3709804.16	115.62
436861.44	3709714.46	113.04
436901.01	3709699.25	115.88
436940.59	3709684.05	118.85
436980.16	3709668.84	123.34
437019.74	3709653.64	125.78
437059.31	3709638.43	122.41
437119.39	3709628.58	107.83
437160.41	3709639.3	89.56
437201.43	3709650.02	71.93
437242.45	3709660.73	55.2
437283.47	3709671.45	52.57
437324.49	3709682.17	59
436823.79	3709736.45	116.78

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436805.92	3709750.83	119.54
436788.06	3709765.22	121.27
436830.7	3709675.27	120.07
436871.53	3709659.59	123.4
436912.37	3709643.9	131.46
436953.2	3709628.21	144.78
436994.03	3709612.52	148.28
437034.86	3709596.84	134.32
437075.69	3709581.15	122.06
437117.26	3709578.83	112.92
437159.59	3709589.89	98.41
437201.91	3709600.95	79.43
437244.23	3709612	63.52
437286.55	3709623.06	47.91
437328.87	3709634.11	47.24
436792.42	3709697.51	118.9
436774.56	3709711.89	121.59
436756.7	3709726.28	124.72
436767.74	3709597.48	167.46
436808.09	3709581.98	170.25
436848.44	3709566.48	177.67
436888.79	3709550.97	186.96
436929.14	3709535.47	184.73
436969.49	3709519.97	170.66
437009.84	3709504.47	151.71
437050.19	3709488.96	132.03
437111.45	3709478.92	113.96
437153.28	3709489.85	103.82
437195.1	3709500.77	88.23
437236.92	3709511.7	68.11
437278.74	3709522.63	51.07
437320.57	3709533.55	44.37
437362.39	3709544.48	45.05
437404.21	3709555.41	53.55
436729.7	3709619.62	159.32
436711.84	3709634.01	153.67
436693.97	3709648.4	142.4
436705.9	3709519.26	179.42
436726.96	3709511.17	184.28

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436748.02	3709503.08	189.04
436769.08	3709494.99	193.26
436790.14	3709486.9	195.35
436811.2	3709478.8	198.45
436832.26	3709470.71	204.06
436853.32	3709462.62	208.47
436874.38	3709454.53	210.07
436895.44	3709446.44	208.08
436916.5	3709438.35	201.62
436937.56	3709430.25	192.5
436958.62	3709422.16	183.08
436979.68	3709414.07	174.09
437000.74	3709405.98	165.51
437021.8	3709397.89	156.83
437042.86	3709389.8	147.16
437063.92	3709381.7	137.31
437106.81	3709379.32	117.67
437128.64	3709385.02	108.82
437150.47	3709390.72	102.09
437172.3	3709396.42	94.7
437194.12	3709402.13	86.21
437237.78	3709413.53	66.17
437259.61	3709419.24	54.25
437281.44	3709424.94	47.04
437303.27	3709430.64	51.16
437346.92	3709442.05	57.42
437368.75	3709447.75	57.71
437390.58	3709453.45	57.94
437412.41	3709459.16	58.14
437434.24	3709464.86	58.19
437456.07	3709470.56	58.22
437477.89	3709476.26	58.3
436684.84	3709527.35	172.51
436666.98	3709541.74	162.69
436649.11	3709556.13	159.8
436631.25	3709570.51	162.23
436642.9	3709441.49	189.8
436684.47	3709425.51	190.35
436726.05	3709409.54	191.65

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436767.62	3709393.57	191.02
436809.19	3709377.59	189.98
436850.77	3709361.62	192.17
436892.34	3709345.65	199.09
436933.91	3709329.67	186.74
436975.49	3709313.7	170.25
437017.06	3709297.73	145.72
437058.63	3709281.75	138.93
437100.97	3709279.4	139.93
437144.06	3709290.65	118.46
437187.15	3709301.91	96.55
437230.24	3709313.17	76.4
437273.33	3709324.43	58.72
437316.42	3709335.68	49.23
437359.51	3709346.94	55.46
437402.6	3709358.2	56.84
437445.69	3709369.46	57.25
437488.78	3709380.71	57.65
436604.25	3709463.86	184.23
436586.39	3709478.24	182.8
436568.52	3709492.63	182.44
436579.97	3709363.68	185.12
436621.13	3709347.87	186.29
436662.28	3709332.06	187.68
436703.44	3709316.24	187.92
436744.6	3709300.43	183.97
436785.76	3709284.62	181.84
436826.91	3709268.8	180.11
436868.07	3709252.99	183.01
436909.23	3709237.18	169.07
436950.39	3709221.36	134.33
436991.54	3709205.55	112.35
437032.7	3709189.74	97.07
437095.19	3709179.5	97.76
437137.85	3709190.64	101.22
437180.51	3709201.79	99.41
437223.17	3709212.93	83.15
437265.83	3709224.08	66.02
437308.48	3709235.22	58.02

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437351.14	3709246.36	51.28
437393.8	3709257.51	55.53
437436.46	3709268.65	55.97
437479.12	3709279.8	56.46
437521.78	3709290.94	56.86
437564.44	3709302.09	57.28
436541.53	3709385.98	181.35
436523.66	3709400.36	178.82
436505.8	3709414.75	176.51
436517.84	3709285.57	180.79
436539.01	3709277.44	180.94
436560.18	3709269.3	179.88
436581.35	3709261.17	175.55
436602.52	3709253.03	170.52
436623.7	3709244.9	169.55
436644.87	3709236.77	170.51
436666.04	3709228.63	171.84
436687.21	3709220.5	172.83
436708.38	3709212.36	172.81
436729.55	3709204.23	172.63
436750.73	3709196.09	172.89
436771.9	3709187.96	173.51
436793.07	3709179.83	174.33
436814.24	3709171.69	174.92
436835.41	3709163.56	175.47
436856.58	3709155.42	177.08
436877.75	3709147.29	178.43
436898.93	3709139.15	176.06
436920.1	3709131.02	169.48
436941.27	3709122.88	155.99
436962.44	3709114.75	138.22
436983.61	3709106.62	122.74
437004.78	3709098.48	110.25
437025.96	3709090.35	101.97
437047.13	3709082.21	97.6
437090.24	3709079.81	87.7
437112.19	3709085.54	83.22
437134.13	3709091.28	79.98
437156.07	3709097.01	77.54

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437178.02	3709102.74	75.47
437199.96	3709108.48	73.46
437221.91	3709114.21	71.25
437243.85	3709119.94	69.2
437265.79	3709125.67	67.23
437287.74	3709131.41	65.19
437309.68	3709137.14	63.05
437331.63	3709142.87	60.06
437353.57	3709148.61	53.33
437375.51	3709154.34	45.8
437397.46	3709160.07	44.68
437419.4	3709165.81	47.29
437441.35	3709171.54	50.15
437463.29	3709177.27	52.29
437485.23	3709183	53.78
437507.18	3709188.74	54.61
437529.12	3709194.47	54.77
437551.07	3709200.2	55.15
437573.01	3709205.94	55.33
437594.95	3709211.67	55.56
437616.9	3709217.4	55.64
437638.84	3709223.14	53.71
436496.67	3709293.71	179.71
436478.8	3709308.09	178.9
436460.94	3709322.48	176.13
436443.08	3709336.87	173.55
436454.9	3709207.77	174.37
436496.82	3709191.67	169.81
436517.78	3709183.61	166.56
436559.7	3709167.51	164.2
436601.62	3709151.4	164.7
436622.58	3709143.35	165.27
436664.5	3709127.24	166.67
436706.42	3709111.13	165.57
436727.38	3709103.08	163.5
436769.3	3709086.98	161.47
436811.22	3709070.87	164.85
436853.14	3709054.76	160.27
436895.06	3709038.66	147.87

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436916.02	3709030.6	141.23
436957.94	3709014.5	135.42
436999.86	3708998.39	138.62
437020.82	3708990.34	140.37
437084.46	3708979.91	128.5
437127.91	3708991.26	105.85
437171.36	3709002.61	85.62
437214.81	3709013.96	70.18
437258.26	3709025.31	66.36
437301.71	3709036.66	63.5
437345.16	3709048.02	60.69
437388.61	3709059.37	58.24
437432.05	3709070.72	54.1
437475.5	3709082.07	43.48
437518.95	3709093.42	39.93
437562.4	3709104.77	41.43
437605.85	3709116.12	45.33
437649.3	3709127.48	50.25
436416.08	3709230.21	173.44
436398.22	3709244.6	172.36
436380.35	3709258.98	169.94
436392	3709129.96	158.48
436433.58	3709113.98	158.31
436475.15	3709098.01	159.63
436516.72	3709082.04	160.14
436558.3	3709066.06	161.26
436599.87	3709050.09	159.85
436641.44	3709034.12	156.05
436683.02	3709018.14	155.76
436724.59	3709002.17	157.58
436766.16	3708986.2	157.63
436807.74	3708970.23	157.52
436849.31	3708954.25	157.23
436890.88	3708938.28	157.57
436932.46	3708922.31	159.21
436974.03	3708906.33	165.21
437015.6	3708890.36	163.67
437078.72	3708880.02	130.15
437121.81	3708891.27	109

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437164.9	3708902.53	90.97
437207.99	3708913.79	75.51
437251.08	3708925.05	66.41
437294.17	3708936.3	61.69
437337.26	3708947.56	58.52
437380.35	3708958.82	56.3
437423.44	3708970.08	50.25
437466.53	3708981.33	47.53
437509.62	3708992.59	46.05
437552.71	3709003.85	43.35
437595.8	3709015.11	41.48
437638.89	3709026.36	49.93
437681.98	3709037.62	52.54
437725.07	3709048.88	54.3
436353.35	3709152.33	158.8
436335.49	3709166.72	159.74
436317.63	3709181.1	162.88
436329.73	3709051.9	155.4
436350.96	3709043.74	155.13
436372.19	3709035.59	154.72
436393.42	3709027.43	154.34
436414.65	3709019.27	153.79
436435.89	3709011.11	152.95
436457.12	3709002.96	152.08
436478.35	3708994.8	151.64
436499.58	3708986.64	152.45
436520.81	3708978.48	153.94
436542.05	3708970.33	155.04
436563.28	3708962.17	155.63
436584.51	3708954.01	155.81
436605.74	3708945.85	155.39
436626.97	3708937.7	154.95
436648.21	3708929.54	154.79
436669.44	3708921.38	154.66
436690.67	3708913.22	154.53
436711.9	3708905.06	154.73
436733.13	3708896.91	155.67
436754.37	3708888.75	156.32
436775.6	3708880.59	156.96

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436796.83	3708872.43	157.87
436818.06	3708864.28	158.77
436839.29	3708856.12	159.63
436860.53	3708847.96	160.09
436881.76	3708839.8	160.3
436902.99	3708831.65	161.54
436924.22	3708823.49	165.31
436945.45	3708815.33	171.15
436966.69	3708807.17	176.09
436987.92	3708799.01	174.12
437009.15	3708790.86	164.05
437030.38	3708782.7	151.84
437073.62	3708780.29	130.25
437095.63	3708786.04	120.68
437117.64	3708791.79	111.07
437139.64	3708797.54	102.04
437161.65	3708803.29	93.98
437183.66	3708809.04	85.99
437205.66	3708814.79	77.87
437227.67	3708820.54	70.54
437249.68	3708826.29	65.69
437271.68	3708832.04	63.47
437293.69	3708837.78	61.79
437315.7	3708843.53	60.1
437337.7	3708849.28	58.27
437359.71	3708855.03	56.55
437381.72	3708860.78	55.13
437403.72	3708866.53	53.16
437425.73	3708872.28	48.81
437447.74	3708878.03	45.72
437469.74	3708883.78	44.31
437491.75	3708889.53	43.54
437513.75	3708895.28	42.88
437535.76	3708901.03	41.85
437557.77	3708906.78	41.38
437579.77	3708912.53	41.17
437601.78	3708918.28	40.55
437623.79	3708924.03	39.59
437645.79	3708929.78	41.67

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437667.8	3708935.52	47.9
437689.81	3708941.27	51.69
437711.81	3708947.02	53.04
437733.82	3708952.77	54.14
437755.83	3708958.52	54.69
437777.83	3708964.27	55.69
437799.84	3708970.02	56.83
436308.49	3709060.06	155.79
436290.63	3709074.45	156.31
436272.77	3709088.83	156.78
436254.9	3709103.22	157.77
436266.83	3708974.09	152.75
436287.89	3708965.99	152.75
436308.95	3708957.9	153.08
436330.01	3708949.81	153.38
436351.07	3708941.72	153.16
436372.13	3708933.63	153.09
436393.19	3708925.54	152.86
436414.25	3708917.44	152.27
436435.31	3708909.35	150.61
436456.37	3708901.26	149.35
436477.43	3708893.17	149.01
436498.49	3708885.08	149.06
436519.55	3708876.99	149.4
436540.61	3708868.9	149.88
436561.67	3708860.8	150.6
436582.73	3708852.71	151.53
436603.79	3708844.62	152.55
436624.85	3708836.53	153.55
436645.91	3708828.44	154.35
436666.97	3708820.35	155.23
436688.03	3708812.25	156.21
436709.09	3708804.16	157.13
436730.15	3708796.07	157.65
436751.21	3708787.98	158.45
436772.27	3708779.89	160.34
436793.33	3708771.8	162.51
436814.39	3708763.7	163.51
436835.45	3708755.61	163.6

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436856.51	3708747.52	163.26
436877.57	3708739.43	164.05
436898.63	3708731.34	167.29
436919.69	3708723.25	172.85
436940.75	3708715.15	178.73
436961.81	3708707.06	176.16
436982.87	3708698.97	167.18
437003.93	3708690.88	157.21
437024.99	3708682.79	147.29
437067.88	3708680.4	129.7
437089.71	3708686.1	120.99
437111.54	3708691.8	112.51
437133.37	3708697.51	103.89
437155.2	3708703.21	95.31
437177.02	3708708.91	87.59
437220.68	3708720.32	73.79
437242.51	3708726.02	69.52
437264.34	3708731.72	66.53
437286.17	3708737.43	64.25
437308	3708743.13	62.26
437351.65	3708754.54	57.73
437373.48	3708760.24	55.04
437395.31	3708765.94	53.37
437417.14	3708771.64	52.24
437438.97	3708777.35	51.06
437460.79	3708783.05	49.29
437482.62	3708788.75	45.42
437504.45	3708794.46	41.52
437526.28	3708800.16	40.32
437569.94	3708811.56	40
437591.77	3708817.27	39.86
437613.59	3708822.97	39.57
437635.42	3708828.67	38.54
437657.25	3708834.38	42.8
437679.08	3708840.08	48.23
437700.91	3708845.78	51.21
437722.74	3708851.48	51.93
437744.56	3708857.19	52.74
437766.39	3708862.89	53.68

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437810.05	3708874.3	55.28
437831.88	3708880	55.65
437853.71	3708885.7	55.65
436245.77	3708982.18	152.59
436227.91	3708996.56	153.82
436210.04	3709010.95	155.21
436192.18	3709025.34	155.66
436203.96	3708896.26	149.67
436245.78	3708880.19	147.88
436287.61	3708864.12	147.93
436329.44	3708848.05	146.92
436371.26	3708831.98	146.75
436413.09	3708815.91	148.47
436454.92	3708799.84	148.88
436496.75	3708783.77	149.49
436538.57	3708767.7	149.7
436580.4	3708751.63	150.66
436622.23	3708735.56	156.37
436664.05	3708719.49	159.34
436705.88	3708703.41	161.38
436747.71	3708687.34	167.09
436789.53	3708671.27	170.34
436831.36	3708655.2	169.75
436873.19	3708639.13	169.76
436915.01	3708623.06	172.72
436956.84	3708606.99	179.64
436998.67	3708590.92	162.55
437062.17	3708580.51	136.19
437105.52	3708591.84	123.42
437148.87	3708603.17	104.01
437192.23	3708614.49	89.07
437235.58	3708625.82	74.48
437278.93	3708637.15	66.69
437322.29	3708648.47	60.57
437365.64	3708659.8	51.64
437408.99	3708671.12	45.43
437452.34	3708682.45	42.98
437495.7	3708693.78	39.71
437539.05	3708705.1	38.27

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437582.4	3708716.43	38.64
437625.75	3708727.75	43.69
437669.11	3708739.08	48.6
437712.46	3708750.41	49.61
437755.81	3708761.73	50.97
437799.17	3708773.06	52.96
437842.52	3708784.39	54.48
437885.87	3708795.71	54.28
436165.18	3708918.68	151.02
436147.32	3708933.07	152.45
436129.45	3708947.46	154.16
437017.12	3710105.6	74
436994.3	3710140.34	79.4
436986.74	3710060.78	79.65
436963.92	3710095.51	85.63
436955.38	3710021.84	90.17
436933.55	3710050.69	97.25
436910.73	3710085.43	103.2
436917.07	3709990.56	102.35
436891.76	3710023.24	112.53
436868.94	3710057.97	119.77
436874.41	3709964.06	109.85
436849.97	3709995.78	120.23
436827.15	3710030.52	127.43
436832.1	3709937.18	114.31
436857.13	3709909.61	101.07
436808.18	3709968.33	123.24
436785.36	3710003.06	131.44
436789.97	3709910.11	117.75
436814.29	3709883.3	107.73
436766.39	3709940.87	126.15
436743.57	3709975.61	134.11
436749.92	3709880.74	124.63
436777.72	3709850.11	120.02
436724.61	3709913.42	130.42
436701.79	3709948.15	138.57
436707.63	3709853.83	126.9
436734.44	3709824.29	123.22
436761.25	3709794.76	121.53

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436682.82	3709885.96	133.04
436660	3709920.7	147.02
436665.47	3709826.78	127.75
436691.54	3709798.07	125.43
436717.6	3709769.35	125.1
436641.03	3709858.51	140.54
436618.21	3709893.24	166
436582.77	3709770.92	151.86
436610.57	3709740.29	138.06
436638.37	3709709.66	138.12
436666.17	3709679.03	135.95
436557.46	3709803.6	159.78
436534.64	3709838.33	169.85
436498.56	3709716.7	155.53
436525.1	3709687.46	152.87
436551.63	3709658.23	150.36
436578.17	3709628.99	157.31
436604.71	3709599.75	166.14
436473.88	3709748.69	158.48
436451.06	3709783.42	167.87
436415.61	3709661.1	157.9
436443.42	3709630.47	157.28
436471.22	3709599.84	158.2
436499.02	3709569.21	166.97
436526.82	3709538.58	179.26
436390.3	3709693.78	158.5
436367.48	3709728.51	161.09
436331.54	3709606.73	162.96
436358.35	3709577.2	162.77
436385.16	3709547.66	167.96
436411.97	3709518.13	172.75
436438.78	3709488.59	174.08
436465.59	3709459.05	175.73
436306.73	3709638.87	163.33
436283.91	3709673.6	164.25
436248.46	3709551.28	165.06
436276.26	3709520.65	165.48
436304.07	3709490.02	165.73
436331.87	3709459.39	166.96

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436359.67	3709428.76	170.61
436387.47	3709398.13	169.92
436415.27	3709367.5	169.89
436223.15	3709583.96	164.58
436200.33	3709618.69	164.36
436164.48	3709496.82	165.91
436191.46	3709467.09	166.06
436218.45	3709437.36	166.48
436245.43	3709407.63	166.54
436272.41	3709377.9	166.64
436299.4	3709348.17	166.4
436326.38	3709318.44	165.34
436353.37	3709288.71	166.33
436139.58	3709529.05	165.88
436116.76	3709563.78	165.24
436081.31	3709441.46	166.57
436109.11	3709410.83	167.72
436136.92	3709380.2	167.49
436164.72	3709349.57	167.72
436192.52	3709318.94	168.29
436220.32	3709288.31	168.56
436248.12	3709257.68	168.23
436275.92	3709227.05	168.27
436056	3709474.14	163.91
436033.18	3709508.87	156.29
435997.39	3709386.93	168.75
436024.49	3709357.07	170.55
436051.6	3709327.2	170.62
436078.71	3709297.34	169.55
436105.82	3709267.47	169.14
436132.92	3709237.61	169.45
436160.03	3709207.75	169.25
436187.14	3709177.88	166.69
436214.24	3709148.02	161.67
435972.42	3709419.23	157.45
435949.6	3709453.96	153.08
435914.16	3709331.64	169.36
435941.96	3709301.01	173.75
435969.76	3709270.38	170.48

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435997.57	3709239.75	170.77
436025.37	3709209.12	171.44
436053.17	3709178.49	171.15
436080.97	3709147.86	168.07
436108.77	3709117.23	161.57
436136.57	3709086.6	159.04
436164.38	3709055.97	157.37
435888.85	3709364.32	155.81
435866.03	3709399.05	152.22
435830.28	3709277.06	172.76
435857.48	3709247.1	176.65
435884.68	3709217.13	176.63
435911.87	3709187.17	172.64
435939.07	3709157.2	171.53
435966.27	3709127.24	171.6
435993.47	3709097.28	170.95
436020.66	3709067.31	169.88
436047.86	3709037.35	165.96
436075.06	3709007.38	164.13
436102.26	3708977.42	162.56
435805.27	3709309.41	159.14
435782.45	3709344.14	151.97
436986.12	3710169.4	82.1
436986.86	3710192.47	81.84
436987.61	3710215.54	81.15
436941.6	3710151.64	94.49
436936.89	3710194.09	95.35
436937.63	3710217.16	94.57
436892.31	3710150.83	114.02
436898.45	3710129.03	111.25
436904.59	3710107.23	107.69
436886.17	3710172.63	116.24
436886.91	3710195.7	115.25
436887.66	3710218.77	114.46
436841.65	3710154.87	129.26
436852.57	3710116.11	124.44
436836.94	3710197.32	131.4
436837.68	3710220.39	130.6
436792.07	3710155.1	140.51

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436803.76	3710113.57	135.49
436815.46	3710072.04	130.48
436786.97	3710198.93	142.14
436787.71	3710222	142.2
436742.39	3710155.67	153.01
436748.53	3710133.87	150.69
436754.66	3710112.07	147.39
436760.8	3710090.27	143.61
436766.94	3710068.47	140.37
436773.08	3710046.66	137.89
436779.22	3710024.86	135.25
436736.25	3710177.47	155.06
436736.99	3710200.54	154.19
436737.74	3710223.61	153.68
436692	3710158.74	174.34
436703.46	3710118.04	170.74
436714.92	3710077.35	160.84
436726.38	3710036.65	150.18
436687.02	3710202.16	174.24
436687.76	3710225.23	172.97
436642.25	3710159.56	196.26
436654.16	3710117.28	192.29
436666.07	3710075	183.07
436677.97	3710032.71	168.97
436689.88	3709990.43	151.62
436637.04	3710203.77	197.47
436637.79	3710226.84	194.74
436592.46	3710160.51	200.06
436598.6	3710138.71	199.53
436604.74	3710116.91	198.43
436610.88	3710095.11	193.89
436617.02	3710073.31	188.83
436623.16	3710051.51	184.58
436629.3	3710029.7	182.57
436635.44	3710007.9	178.9
436641.58	3709986.1	172.12
436647.72	3709964.3	163.78
436653.86	3709942.5	155.2
436586.32	3710182.31	200.22

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436587.07	3710205.38	201.02
436587.81	3710228.45	198.78
436542.2	3710163.16	193.12
436553.89	3710121.64	189.89
436565.59	3710080.11	180.17
436577.28	3710038.58	176.32
436588.98	3709997.06	176.55
436600.67	3709955.53	177.75
436537.1	3710207	192.92
436537.84	3710230.07	192.47
436442.54	3710165.35	186.64
436448.68	3710143.55	187.97
436454.82	3710121.75	184.94
436460.96	3710099.95	180.46
436467.1	3710078.15	176.78
436473.24	3710056.35	176.2
436479.38	3710034.55	175.47
436485.52	3710012.74	174.75
436491.66	3709990.94	174.05
436497.8	3709969.14	173.35
436503.94	3709947.34	172.88
436510.08	3709925.54	172.43
436516.22	3709903.74	171.76
436522.36	3709881.93	171.25
436528.5	3709860.13	170.72
436436.4	3710187.16	184.74
436437.15	3710210.23	184.41
436437.89	3710233.3	185.68
436342.49	3710168.96	175.28
436354.55	3710126.13	175.03
436366.61	3710083.29	175.02
436378.68	3710040.45	174.32
436390.74	3709997.61	173.28
436402.8	3709954.77	171.85
436414.87	3709911.94	171.27
436426.93	3709869.1	170.57
436439	3709826.26	169.7
436337.2	3710213.45	176.88
436337.94	3710236.52	177.14

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436242.74	3710171.46	172.71
436248.98	3710149.32	172.5
436255.22	3710127.17	173.8
436261.45	3710105.02	174.24
436267.69	3710082.87	174.15
436273.93	3710060.73	173.89
436280.17	3710038.58	173.57
436286.4	3710016.43	173.39
436292.64	3709994.28	173.37
436298.88	3709972.14	173.05
436305.11	3709949.99	172.56
436311.35	3709927.84	172.03
436317.59	3709905.69	171.66
436323.82	3709883.54	171.16
436330.06	3709861.4	170.28
436336.3	3709839.25	168.78
436342.54	3709817.1	166.97
436348.77	3709794.95	165.11
436355.01	3709772.81	163.68
436361.25	3709750.66	162.57
436236.51	3710193.61	174.09
436237.25	3710216.68	175.13
436238	3710239.75	175.07
436142.7	3710175.04	169.22
436148.84	3710153.24	169.23
436154.98	3710131.43	168.46
436161.12	3710109.63	168.61
436167.26	3710087.83	169.45
436173.4	3710066.03	169.61
436179.54	3710044.23	170.23
436185.68	3710022.43	170.81
436191.81	3710000.62	171.36
436197.95	3709978.82	171.63
436204.09	3709957.02	171.84
436210.23	3709935.22	171.91
436216.37	3709913.42	172.1
436222.51	3709891.62	172.17
436228.65	3709869.82	172
436234.79	3709848.01	171.79

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436240.93	3709826.21	171.61
436247.07	3709804.41	171.46
436253.21	3709782.61	171.2
436259.35	3709760.81	170.81
436265.49	3709739.01	170.45
436271.63	3709717.2	170.17
436277.77	3709695.4	166.54
436136.56	3710196.84	170.02
436137.3	3710219.91	171.73
436138.05	3710242.98	174.11
436042.67	3710178.53	168.53
436054.8	3710135.47	167.27
436066.93	3710092.4	165.14
436072.99	3710070.87	166.17
436085.12	3710027.81	171.02
436097.25	3709984.74	171.2
436109.38	3709941.68	170.93
436121.5	3709898.61	170.65
436133.63	3709855.55	170.03
436145.76	3709812.48	168.11
436157.89	3709769.42	169.33
436170.01	3709726.35	169.36
436182.14	3709683.29	164.25
436037.36	3710223.14	169.3
436038.1	3710246.21	171.51
435942.87	3710181.24	166.58
435949.08	3710159.19	165.88
435955.29	3710137.14	165.24
435961.5	3710115.09	164.62
435967.71	3710093.03	164.14
435973.92	3710070.98	163.91
435980.13	3710048.93	163.29
435986.34	3710026.88	162.5
435992.55	3710004.82	164.05
435998.76	3709982.77	167.86
436004.97	3709960.72	171.17
436011.18	3709938.67	171.49
436017.39	3709916.62	171.41
436023.6	3709894.56	171.4

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436029.81	3709872.51	171.43
436036.02	3709850.46	171.05
436042.23	3709828.41	170.85
436048.44	3709806.36	170.84
436054.66	3709784.3	171
436060.87	3709762.25	171.2
436067.08	3709740.2	170.55
436073.29	3709718.15	168.11
436079.5	3709696.1	163.43
436085.71	3709674.04	161.74
436091.92	3709651.99	161.79
436098.13	3709629.94	162.45
436104.34	3709607.89	163.72
436110.55	3709585.83	164.68
435936.66	3710203.29	167.44
435937.41	3710226.36	171.52
435938.15	3710249.43	176.56
435842.85	3710184.72	166.7
435848.99	3710162.92	166.14
435855.13	3710141.12	165.67
435861.27	3710119.32	165.3
435867.41	3710097.51	164.41
435873.55	3710075.71	163.97
435879.69	3710053.91	163.6
435885.83	3710032.11	162.61
435891.97	3710010.31	161.96
435898.11	3709988.51	161.61
435904.25	3709966.7	161.65
435910.39	3709944.9	163.27
435916.53	3709923.1	167.09
435922.67	3709901.3	171.17
435928.81	3709879.5	172.02
435934.95	3709857.7	171.93
435941.09	3709835.9	171.73
435947.23	3709814.09	171.68
435953.37	3709792.29	171.62
435959.51	3709770.49	171.55
435965.65	3709748.69	171.54
435971.78	3709726.89	171.2

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435977.92	3709705.09	167.33
435984.06	3709683.28	161.96
435990.2	3709661.48	158.77
435996.34	3709639.68	156.85
436002.48	3709617.88	155.29
436008.62	3709596.08	154.33
436014.76	3709574.28	154.18
436020.9	3709552.48	154.2
436027.04	3709530.67	154.71
435836.72	3710206.52	167.36
435837.46	3710229.59	167.48
435838.21	3710252.66	167.57
435742.85	3710188.16	171.92
435748.93	3710166.56	169.89
435761.09	3710123.37	166.25
435773.25	3710080.19	162.36
435779.33	3710058.59	161.99
435791.5	3710015.4	161.04
435797.58	3709993.81	161.04
435809.74	3709950.62	161.46
435821.9	3709907.43	161.45
435827.98	3709885.84	162.34
435840.15	3709842.65	169.15
435846.23	3709821.06	169.12
435858.39	3709777.87	167.2
435870.55	3709734.68	161.55
435876.63	3709713.09	159
435888.79	3709669.9	156.86
435894.87	3709648.31	156.29
435907.04	3709605.12	154.9
435919.2	3709561.93	153.85
435925.28	3709540.34	153.81
435937.44	3709497.15	153.56
435737.51	3710232.82	171.92
435738.26	3710255.89	170.6
435643.01	3710190.98	173.21
435649.21	3710168.98	171.14
435655.4	3710146.98	168.61
435661.6	3710124.98	167.66

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435667.79	3710102.99	164.32
435673.99	3710080.99	161.45
435680.18	3710058.99	159.45
435686.38	3710036.99	158.68
435692.57	3710015	158.34
435698.77	3709993	158.02
435704.96	3709971	157.59
435711.16	3709949	157.73
435717.35	3709927	157.76
435723.55	3709905.01	157.72
435729.74	3709883.01	157.63
435735.94	3709861.01	157.51
435742.13	3709839.01	157.61
435748.33	3709817.01	159.61
435754.52	3709795.02	162.8
435760.72	3709773.02	164.45
435766.91	3709751.02	164.36
435773.11	3709729.02	163.98
435779.3	3709707.02	161.41
435785.5	3709685.03	157.57
435791.69	3709663.03	155.88
435797.89	3709641.03	155.51
435804.08	3709619.03	154.93
435810.28	3709597.03	153.45
435816.47	3709575.04	152.75
435822.66	3709553.04	152.33
435828.86	3709531.04	152
435835.05	3709509.04	151.91
435841.25	3709487.04	152
435847.44	3709465.05	152.15
435853.64	3709443.05	152.29
435859.83	3709421.05	152.26
435636.82	3710212.98	173.48
435637.56	3710236.05	172.94
435638.31	3710259.12	171.19
435543.01	3710194.4	171.29
435549.15	3710172.6	170.31
435555.29	3710150.8	168.14
435561.43	3710129	166.71

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435567.57	3710107.2	164.36
435573.71	3710085.4	161.56
435579.85	3710063.59	159.91
435585.99	3710041.79	158.19
435592.13	3710019.99	156.71
435598.27	3709998.19	155.61
435604.41	3709976.39	155.08
435610.55	3709954.59	154.61
435616.69	3709932.78	153.88
435622.83	3709910.98	152.71
435628.96	3709889.18	152.12
435635.1	3709867.38	151.9
435641.24	3709845.58	151.87
435647.38	3709823.78	151.88
435653.52	3709801.98	152.06
435659.66	3709780.17	152.95
435665.8	3709758.37	156.91
435671.94	3709736.57	160.1
435678.08	3709714.77	161.35
435684.22	3709692.97	160.9
435690.36	3709671.17	160.54
435696.5	3709649.36	159.42
435702.64	3709627.56	157.54
435708.78	3709605.76	154.42
435714.92	3709583.96	152.21
435721.06	3709562.16	150.41
435727.2	3709540.36	149.3
435733.34	3709518.56	148.79
435739.48	3709496.75	149
435745.62	3709474.95	149.46
435751.76	3709453.15	149.85
435757.89	3709431.35	150.48
435764.03	3709409.55	151.05
435770.17	3709387.75	151.01
435776.31	3709365.94	151.37
435536.87	3710216.2	171.27
435537.62	3710239.27	169.99
435538.36	3710262.34	168.53
436998.29	3710253.17	77.28

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437006.23	3710275.99	75.26
437014.16	3710298.81	74.71
436943.13	3710246.78	92.2
436951.07	3710269.6	88.86
436959	3710292.42	85.92
436966.94	3710315.24	83.5
436891.78	3710240.99	112.8
436895.9	3710263.2	111.66
436903.84	3710286.02	106.29
436911.78	3710308.84	100.91
436919.71	3710331.66	96.19
436845.01	3710259.88	127.21
436856.62	3710302.45	120.58
436864.55	3710325.27	116.52
436872.49	3710348.09	113.63
436798.02	3710277.54	139.01
436809.39	3710318.87	134.51
436817.33	3710341.69	131.62
436825.26	3710364.51	128.99
436750.11	3710290.26	149.61
436745.98	3710268.05	150.94
436741.86	3710245.83	152.19
436754.23	3710312.48	148.35
436762.16	3710335.3	146.26
436770.1	3710358.12	143.71
436778.04	3710380.94	139.41
436703.15	3710308.17	163.69
436695.46	3710266.7	168.62
436714.94	3710351.72	157.54
436722.88	3710374.54	152.38
436730.81	3710397.36	145.39
436655.38	3710321.63	181.61
436650.98	3710297.93	185.09
436646.58	3710274.24	187.62
436642.19	3710250.54	190.83
436659.78	3710345.33	178.88
436667.71	3710368.15	175.03
436675.65	3710390.97	169.31
436683.59	3710413.79	154.93

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436608.43	3710339.54	189.33
436604.31	3710317.32	191.78
436600.18	3710295.1	193.94
436591.94	3710250.67	197.05
436612.55	3710361.75	186.97
436620.49	3710384.57	181.29
436628.43	3710407.39	172.38
436636.36	3710430.21	160.17
436561.4	3710357.02	185.79
436553.55	3710314.7	186.82
436545.69	3710272.38	190.18
436573.26	3710401	174.07
436581.2	3710423.82	165.26
436589.14	3710446.64	161.47
436466.75	3710388.81	185.68
436462.63	3710366.59	185.65
436454.38	3710322.16	186.11
436450.26	3710299.94	186.5
436446.14	3710277.73	186.95
436442.02	3710255.51	186.74
436470.88	3710411.03	185.58
436478.81	3710433.85	185.46
436486.75	3710456.67	185.42
436494.69	3710479.49	185.59
436372.15	3710420.84	184.37
436367.87	3710397.8	183.09
436363.6	3710374.76	182.06
436359.32	3710351.72	181.41
436355.05	3710328.68	180.98
436350.77	3710305.64	179.21
436346.5	3710282.6	178.09
436342.22	3710259.56	177.47
436376.43	3710443.88	184.78
436384.36	3710466.7	185.03
436392.3	3710489.52	185.11
436400.24	3710512.34	184.81
436277.58	3710453.03	185.06
436273.18	3710429.33	183.74
436268.78	3710405.63	182.8

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436264.38	3710381.94	182.11
436259.99	3710358.24	181.51
436255.59	3710334.54	179.79
436251.19	3710310.84	178.32
436246.79	3710287.15	176.97
436242.39	3710263.45	175.89
436281.98	3710476.73	185.42
436289.91	3710499.55	185.64
436297.85	3710522.37	185.38
436305.79	3710545.19	183.81
436183.4	3710487.36	182.63
436175.16	3710442.93	184.06
436171.03	3710420.71	183.75
436166.91	3710398.49	183.88
436162.79	3710376.28	183.82
436158.66	3710354.06	182.43
436154.54	3710331.84	179.95
436146.29	3710287.41	176.77
436142.17	3710265.19	174.68
436187.52	3710509.57	180.09
436195.46	3710532.39	178.98
436203.4	3710555.21	178.66
436211.33	3710578.03	178.98
436088.85	3710519.64	175.61
436084.62	3710496.85	175.32
436080.39	3710474.07	176.29
436076.16	3710451.28	178.32
436071.93	3710428.49	181.45
436067.7	3710405.71	181.38
436063.47	3710382.92	181.14
436059.24	3710360.14	180.5
436055.02	3710337.35	178.98
436050.79	3710314.56	177.95
436046.56	3710291.78	177.07
436042.33	3710268.99	175.44
436093.07	3710542.42	175.08
436101.01	3710565.24	174.62
436108.95	3710588.06	174.48
436116.88	3710610.88	175.24

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435994.3	3710552	164.26
435989.98	3710528.72	168.14
435985.67	3710505.45	170.91
435981.35	3710482.18	172.49
435977.03	3710458.9	172.16
435972.71	3710435.63	174.07
435968.39	3710412.35	178.24
435964.07	3710389.08	182.17
435959.75	3710365.81	183.35
435955.43	3710342.53	183.42
435951.11	3710319.26	182.56
435946.79	3710295.98	180.93
435942.47	3710272.71	178.8
435998.62	3710575.27	164.27
436006.56	3710598.09	165.5
436014.5	3710620.91	166.9
436022.43	3710643.73	168.13
435899.77	3710584.43	154.77
435895.38	3710560.73	154.92
435890.98	3710537.03	156.84
435886.58	3710513.33	161.08
435882.18	3710489.64	166.69
435877.79	3710465.94	167.26
435873.39	3710442.24	167.2
435868.99	3710418.54	166.42
435864.59	3710394.85	165.47
435860.19	3710371.15	167.41
435855.8	3710347.45	170.95
435851.4	3710323.75	172.3
435847	3710300.06	171.25
435842.6	3710276.36	168.54
435904.17	3710608.12	154.93
435912.11	3710630.94	155.71
435920.05	3710653.76	156.35
435927.98	3710676.58	157.24
435805.52	3710618.32	145.3
435801.31	3710595.67	147.26
435797.11	3710573.02	150.54
435792.91	3710550.36	155.72

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435788.7	3710527.71	158.41
435784.5	3710505.06	159.44
435780.3	3710482.41	159.48
435776.09	3710459.76	158.1
435771.89	3710437.1	156.29
435767.68	3710414.45	155.97
435763.48	3710391.8	157.32
435759.28	3710369.15	160.92
435755.07	3710346.5	165.88
435750.87	3710323.84	168.94
435746.66	3710301.19	169.87
435742.46	3710278.54	169.9
435809.72	3710640.97	143.2
435817.66	3710663.79	141.86
435825.6	3710686.61	141.65
435833.53	3710709.43	142.05
435711	3710650.78	131.97
435706.72	3710627.74	135.71
435702.44	3710604.7	141.75
435698.17	3710581.66	148.71
435693.89	3710558.63	151.54
435689.62	3710535.59	151.5
435685.34	3710512.55	148.78
435681.07	3710489.51	144.09
435676.79	3710466.47	142.24
435672.51	3710443.43	142.31
435668.24	3710420.39	143.49
435663.96	3710397.35	145.61
435659.69	3710374.31	151.28
435655.41	3710351.27	158.72
435651.14	3710328.23	165.1
435646.86	3710305.19	169.2
435642.59	3710282.16	169.38
435715.27	3710673.82	132.6
435723.21	3710696.64	133.39
435731.14	3710719.46	133.9
435739.08	3710742.28	133.61
435616.48	3710683.29	130.89
435612.14	3710659.9	130.57

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435607.8	3710636.51	130.24
435603.46	3710613.13	129.85
435599.12	3710589.74	129.07
435594.78	3710566.36	128.75
435590.44	3710542.97	128.77
435586.1	3710519.59	129.18
435581.76	3710496.2	129.52
435577.42	3710472.81	131.56
435573.08	3710449.43	134.4
435568.74	3710426.04	137.68
435564.4	3710402.66	140.21
435560.06	3710379.27	147.78
435555.72	3710355.89	155.61
435551.38	3710332.5	162.08
435547.04	3710309.12	166.49
435542.7	3710285.73	167.36
435620.82	3710706.67	131.13
435628.76	3710729.49	131.25
435636.69	3710752.31	129.17
435644.63	3710775.13	124.87
437027.39	3710326.68	72.08
437038.31	3710349.01	69.26
437049.22	3710371.33	67.19
436982.47	3710348.64	80.04
436993.39	3710370.97	78.3
437004.3	3710393.3	76.75
436937.55	3710370.61	88.04
436948.47	3710392.93	83.79
436959.39	3710415.26	80.31
436881.72	3710370.24	108.88
436892.63	3710392.57	101.77
436903.55	3710414.89	93.25
436914.47	3710437.22	84.72
436836.8	3710392.2	123.66
436847.72	3710414.53	114.99
436858.63	3710436.86	103.23
436869.55	3710459.18	91.65
436791.88	3710414.17	127.78
436802.8	3710436.49	116.56

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436813.71	3710458.82	104.39
436824.63	3710481.15	93.33
436746.96	3710436.13	126.54
436757.88	3710458.46	115.43
436768.8	3710480.78	103.36
436779.71	3710503.11	97.91
436692.82	3710435.94	140.26
436702.05	3710458.09	126.77
436712.96	3710480.42	114.71
436723.88	3710502.75	111.58
436734.8	3710525.07	113.52
436650.21	3710463.44	139.69
436668.04	3710502.38	131.46
436678.96	3710524.71	133.96
436689.88	3710547.04	141.12
436604.52	3710483.56	164.26
436623.13	3710524.34	164.29
436634.04	3710546.67	166.44
436644.96	3710569	166.55
436513.14	3710523.79	185.64
436503.92	3710501.64	185.56
436522.37	3710545.94	185.81
436533.29	3710568.27	184.71
436544.21	3710590.6	183.89
436555.12	3710612.92	183.46
436424.46	3710570.49	183.81
436443.45	3710612.2	182.67
436454.37	3710634.52	181.67
436465.29	3710656.85	180.12
436333.47	3710611.64	180.28
436324.24	3710589.49	180.71
436315.01	3710567.34	181.99
436342.7	3710633.79	180.21
436353.62	3710656.12	179.73
436364.53	3710678.45	178.87
436375.45	3710700.77	177.17
436244.56	3710657.78	178.55
436227.95	3710617.91	179.42
436263.78	3710700.05	176.7

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436274.7	3710722.37	175.76
436285.61	3710744.7	175.12
436153.8	3710699.49	176.73
436144.57	3710677.34	176.77
436135.34	3710655.19	176.64
436126.11	3710633.04	176.38
436163.03	3710721.65	175.83
436173.94	3710743.97	174.89
436184.86	3710766.3	174.23
436195.78	3710788.63	173.69
436064.73	3710745.27	168.78
436047.81	3710704.65	171.37
436084.11	3710787.9	169.27
436095.03	3710810.22	167.75
436105.94	3710832.55	163.63
435974.13	3710787.34	156.78
435964.9	3710765.19	157.45
435955.67	3710743.04	155.74
435946.44	3710720.89	155.16
435937.21	3710698.74	155.46
435983.36	3710809.5	154.66
435994.27	3710831.82	151.33
436005.19	3710854.15	149.14
436016.11	3710876.48	146.27
435884.95	3710832.85	133.55
435867.81	3710791.71	134.96
435850.67	3710750.57	140.59
435904.44	3710875.75	133.47
435915.35	3710898.08	134.42
435926.27	3710920.4	135.7
435794.45	3710875.2	127.55
435785.23	3710853.04	125.2
435776	3710830.89	123.71
435766.77	3710808.74	124.15
435757.54	3710786.59	126.91
435748.31	3710764.43	131.09
435803.68	3710897.35	129.97
435814.6	3710919.67	132.6
435825.52	3710942	134.6

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435836.43	3710964.33	137.21
435705.19	3710920.51	128.02
435687.89	3710878.97	121.89
435670.59	3710837.43	117.59
435724.76	3710963.6	131.07
435735.68	3710985.93	135.15
435746.6	3711008.25	139.75
437052.65	3710321.47	67.45
437017.82	3710373.27	73.81
436964.72	3710362.63	82.67
436881.73	3710306.83	112.01
436863.46	3710244.4	122.52
436828.63	3710296.2	129.15
436810.36	3710233.77	137.19
436662.66	3710184.6	186.37
436538.19	3710100.9	182.77
436383.83	3709972.03	172.01
436289.23	3709933.5	172.46
436123.27	3709821.9	169.29
435920.75	3709585.43	154.23
436987.78	3710422.82	76.5
436981.82	3710445.14	73.73
436975.87	3710467.47	72.94
436969.92	3710489.8	73.36
436921.61	3710476.92	77.89
436904.79	3710367.02	99.82
436851.94	3710364.15	121.05
436776.67	3710438.27	120.93
436746.22	3710358.41	148.39
436726.55	3710282.45	156.35
436691.95	3710367.85	164.88
436618.82	3710281.14	196.89
436589.38	3710364.41	184.88
436570.02	3710269.33	191.81
436612.64	3710175.47	204.87
436535.11	3710373.86	185.1
436465.44	3710261.09	188.73
436483.63	3710221.04	190.51
436501.81	3710180.99	192.37

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436520	3710140.95	191.36
436438.49	3710348.09	185.75
436369.27	3710234.32	178.41
436378.82	3710213.3	178.41
436388.37	3710192.27	178.04
436397.91	3710171.25	177.81
436407.46	3710150.22	177.88
436417.01	3710129.2	179.09
436426.56	3710108.17	178.82
436436.11	3710087.15	177.03
436445.65	3710066.12	176.4
436272.19	3710209.56	174.74
436290.38	3710169.51	173.96
436308.56	3710129.47	174.83
436326.75	3710089.42	174.82
436344.94	3710049.37	174.28
436363.12	3710009.32	173.54
436175.92	3710183.03	170.6
436185.36	3710162.23	170.15
436194.8	3710141.44	169.8
436204.25	3710120.64	172.05
436213.69	3710099.85	173.24
436223.13	3710079.06	173.74
436232.58	3710058.26	173.63
436242.02	3710037.47	173.32
436251.46	3710016.67	173.06
436260.9	3709995.88	173.01
436270.35	3709975.09	173.04
436279.79	3709954.29	172.88
436166.47	3710203.82	171.88
436160.52	3710226.15	173.28
436078.94	3710158.03	168.85
436097.13	3710117.98	168.47
436115.32	3710077.94	168.9
436133.5	3710037.89	170.67
436151.69	3709997.84	170.83
436169.88	3709957.79	171.46
436188.06	3709917.75	171.63
436063.9	3710200.38	168.8

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435982.6	3710131.64	165.04
435991.98	3710110.99	164.71
436001.36	3710090.34	164.32
436010.74	3710069.69	163.69
436020.11	3710049.04	163.25
436029.49	3710028.39	164.45
436038.87	3710007.74	168.77
436048.25	3709987.09	171.42
436057.62	3709966.45	171.59
436067	3709945.8	171.24
436076.38	3709925.15	170.91
436085.76	3709904.5	170.69
436095.13	3709883.85	170.54
436104.51	3709863.2	170.52
436113.89	3709842.55	170.54
435973.23	3710152.29	165.51
435967.27	3710174.62	165.78
435961.32	3710196.94	166.86
435894.79	3710086.48	164.37
435912.98	3710046.43	163.53
435931.16	3710006.38	162.02
435949.35	3709966.34	164.11
435967.54	3709926.29	171.33
435985.72	3709886.24	171.63
436003.91	3709846.19	171.43
436022.1	3709806.15	171
435807.98	3710039.11	161.64
435817.31	3710018.56	161.35
435826.64	3709998.01	161.27
435835.97	3709977.46	161.43
435845.31	3709956.91	161.54
435854.64	3709936.36	161.58
435863.97	3709915.81	162.49
435873.3	3709895.25	166.14
435882.64	3709874.7	171.13
435891.97	3709854.15	172.3
435901.3	3709833.6	172.3
435910.63	3709813.05	172.28
435919.97	3709792.5	172.34

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435929.3	3709771.95	172.19
435938.63	3709751.4	172.04
435947.97	3709730.85	171.68
435768.07	3710145.42	167.59
435721.55	3709990.9	158.6
435731.09	3709969.87	158.53
435740.64	3709948.85	158.7
435750.19	3709927.82	158.77
435759.74	3709906.8	158.73
435769.29	3709885.77	158.96
435778.83	3709864.75	159.44
435788.38	3709843.72	161
435797.93	3709822.7	163.95
435807.48	3709801.67	165.1
435817.03	3709780.65	165.06
435826.57	3709759.62	164.55
435836.12	3709738.6	161.55
435845.67	3709717.57	157.57
435855.22	3709696.55	156.58
435864.77	3709675.52	156.37
435642.53	3709926.36	153.71
435661.13	3709885.4	152.65
435670.43	3709864.92	152.48
435679.73	3709844.44	152.36
435689.03	3709823.97	152.6
435698.33	3709803.49	154.11
435707.63	3709783.01	158
435716.93	3709762.53	162.17
435726.23	3709742.05	163.61
435735.53	3709721.57	163.35
435744.83	3709701.09	161.8
435754.13	3709680.61	159.33
435772.73	3709639.66	155.3
436969.01	3710524.96	74.39
436970.5	3710565.89	72.53
436918.3	3710506.32	78.89
436919.79	3710547.25	82.83
436921.28	3710588.18	82.16
436869.98	3710493.44	84.44

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436869.07	3710528.6	87.38
436870.56	3710569.53	94.21
436818.36	3710509.96	91.18
436819.85	3710550.89	107.18
436821.34	3710591.82	115
436769.14	3710532.24	107.88
436770.63	3710573.17	129.44
436724.39	3710460.67	120.49
436719.92	3710554.52	132.94
436721.41	3710595.45	143.31
436674.25	3710463.96	132.09
436670.7	3710576.81	159.35
436625.11	3710458.43	148.85
436620.73	3710578.63	178.53
436570.66	3710500.15	178.95
436569.27	3710539.52	185.73
436570.76	3710580.45	184.75
436522.7	3710484.12	183.61
436526.84	3710447.36	182.5
436530.97	3710410.61	182.5
436521.54	3710602.73	183.52
436423.04	3710485.3	184.94
436427.45	3710446.1	185.35
436431.87	3710406.9	185.56
436419.37	3710544.97	184.38
436421.61	3710606.37	182.46
436320.8	3710509.44	186.04
436325.01	3710472.01	185.45
436329.22	3710434.59	184.41
436333.44	3710397.17	182.38
436337.65	3710359.75	180.93
436220.97	3710512.18	182.02
436225.38	3710472.98	184.74
436229.79	3710433.78	184.68
436234.21	3710394.57	184.35
436120.95	3710516.52	176.39
436125.21	3710478.72	178.14
436129.46	3710440.91	182.3
436133.72	3710403.11	183.05

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436137.98	3710365.31	182.33
436021.1	3710519.46	172.66
436025.51	3710480.25	173.69
436029.92	3710441.05	177.19
436034.34	3710401.85	180.96
436019.64	3710559.52	166.75
435921.23	3710522.48	160.14
435925.78	3710482.05	169.92
435930.34	3710441.63	171.17
435934.89	3710401.2	177.46
435919.7	3710563.16	156.79
435821.23	3710526.73	160.04
435825.64	3710487.53	163.15
435830.06	3710448.33	164.28
435834.47	3710409.12	163.41
435819.77	3710566.8	151.52
435721.36	3710529.86	154.69
435725.88	3710489.62	153.28
435730.41	3710449.39	150.03
435734.94	3710409.15	152.1
435757.59	3710207.98	170.46
435719.84	3710570.44	152.55
435621.36	3710534.01	135.6
435625.78	3710494.81	135.49
435630.19	3710455.6	137.41
435634.6	3710416.4	142.33
435619.9	3710574.08	131.87
435521.48	3710537.2	124.11
435525.99	3710497.11	123.75
435530.51	3710457.01	128.53
435535.02	3710416.92	136.71
435519.97	3710577.71	125.3
435521.46	3710618.64	129.07
436953.73	3710589.22	74.71
436939.59	3710607.08	76.6
436925.45	3710624.94	79.07
436942.81	3710522.47	77.84
436900.39	3710576.05	86.95
436886.25	3710593.91	90.24

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436889.47	3710509.29	81.73
436847.05	3710562.87	101.08
436850.26	3710478.25	90.18
436807.84	3710531.83	101.55
436825.2	3710429.36	116.42
436651.04	3710407.69	169.61
436522.51	3710247.82	191.23
436508.37	3710265.68	189.96
436494.23	3710283.54	188.25
436472.39	3710150.03	191.78
436415.83	3710221.47	180.9
436393.99	3710087.96	175.74
436379.85	3710105.82	175.81
436315.58	3710025.89	173.82
436237.18	3709963.81	172.55
436223.04	3709981.67	172.37
436158.78	3709901.74	171.17
436144.64	3709919.6	171.18
436080.38	3709839.67	170.67
436066.24	3709857.53	170.67
436001.97	3709777.6	171.47
435987.83	3709795.46	171.41
435973.69	3709813.32	171.45
435923.57	3709715.52	169.2
435909.43	3709733.38	169.35
435895.29	3709751.24	169.34
435881.15	3709769.1	169.34
435845.17	3709653.45	155.98
435831.03	3709671.31	156.09
435816.89	3709689.17	156.33
435802.75	3709707.03	159.37
436914.85	3710651.52	80.33
436911.28	3710691.41	79.25
436907.71	3710731.3	79.93
436872.11	3710629.34	93.9
436863.26	3710667.01	97.71
436859.69	3710706.9	98.64
436856.12	3710746.79	101.68
436821.61	3710626.66	115.83

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436813.46	3710662.55	120.43
436809.89	3710702.44	122.02
436806.32	3710742.33	126.08
436772.51	3710620.42	135.63
436793.71	3710567.27	121.21
436763.66	3710658.09	139.93
436760.09	3710697.98	141.09
436756.52	3710737.87	145.13
436742.14	3710567.24	130.41
436715.65	3710633.68	148.76
436712.07	3710673.58	153.65
436708.5	3710713.47	160.85
436672.91	3710611.51	162.18
436708.24	3710522.92	122.27
436664.06	3710649.17	168.34
436660.49	3710689.06	174.43
436656.92	3710728.95	180.22
436622.79	3710607.85	181.08
436656.51	3710523.29	142.98
436614.26	3710644.71	184.89
436610.69	3710684.6	181.19
436607.11	3710724.5	173.99
436594.51	3710549.43	185.23
436564.46	3710640.25	182.74
436560.89	3710680.14	178.08
436557.31	3710720.04	177.08
436545.8	3710542.25	185.71
436575.15	3710468.65	169.52
436514.66	3710635.79	182.84
436511.09	3710675.68	177.99
436507.51	3710715.58	176.44
436473.71	3710593.67	183.2
436487.84	3710558.23	184.76
436558.5	3710381.05	180.86
436459.5	3710691.17	177.25
436374.11	3710584.75	182.62
436388.24	3710549.31	184.58
436473.03	3710336.7	186.05
436365.25	3710622.42	180.46

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436274.51	3710575.83	179.91
436380.5	3710310.06	181.04
436394.63	3710274.63	180.5
436265.65	3710613.5	179.87
436175.21	3710566.14	178.08
436278.44	3710307.31	176.56
436293.19	3710270.33	175.73
436307.93	3710233.35	175.64
436166.05	3710604.58	177.57
436162.48	3710644.47	177.38
436075.57	3710557.31	172.78
436178.31	3710299.72	178.54
436192.98	3710262.92	176.24
436207.66	3710226.12	175.35
436066.45	3710595.66	170.8
436062.88	3710635.55	171.86
436059.31	3710675.44	171.95
436012.49	3710456.82	173.68
436078.28	3710291.86	175.03
436092.9	3710255.2	173.2
436107.52	3710218.54	170.85
435968.63	3710566.8	161.62
435965.06	3710606.69	161.7
435961.49	3710646.58	161
435905.47	3710466.52	169.05
435971.05	3710302.07	181.64
435985.63	3710265.53	177.76
436000.2	3710228.99	170.94
436014.77	3710192.44	167.67
436029.35	3710155.9	166.73
435869.03	3710557.88	153.61
435865.46	3710597.77	151.55
435861.89	3710637.66	150.69
435805.77	3710457.84	162.28
435834.85	3710384.94	163.61
435871.19	3710293.82	176.8
435885.72	3710257.37	173.7
435900.26	3710220.92	168.74
435914.79	3710184.47	166.89

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435929.33	3710148.02	165.64
435769.43	3710548.96	156.17
435765.86	3710588.85	149.15
435762.29	3710628.74	142.31
435706.09	3710449.12	146.32
435735.1	3710376.38	158.1
435771.36	3710285.46	169.29
435785.87	3710249.09	169.62
435800.37	3710212.72	168.93
435814.87	3710176.35	167.21
435829.38	3710139.99	165.58
435843.88	3710103.62	164.58
435668.04	3710559.99	147.61
435664.47	3710599.88	138.27
435660.9	3710639.77	131.19
435599.18	3710458.52	135.3
435628.14	3710385.92	149.32
435671.57	3710277.02	169.84
435686.05	3710240.72	173.38
435700.52	3710204.42	173.91
435715	3710168.12	171.95
435729.48	3710131.82	168.45
435743.95	3710095.52	163.31
435794.62	3709968.47	161.33
435568.44	3710551.07	126.59
435564.87	3710590.96	128.12
435561.3	3710630.85	130.03
435478.02	3710503.66	121.01
435492.81	3710466.58	122.83
435507.6	3710429.49	133.63
435522.39	3710392.41	139.98
435566.76	3710281.16	167.98
435581.55	3710244.07	171.9
435596.34	3710206.99	173.14
435611.13	3710169.9	171
435625.92	3710132.82	167.36
435640.71	3710095.73	162.37
435655.5	3710058.65	159.6
435468.84	3710542.15	122.49

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435465.27	3710582.04	123.84
435461.7	3710621.93	128.82
436915.73	3710783.44	81.06
436907.55	3710762.62	81.21
436937.15	3710806.27	77.06
436880.1	3710817.46	102.61
436860.47	3710777.12	104.4
436903.71	3710843.43	92.46
436845.57	3710853.05	115.87
436825.93	3710824.73	129.82
436813.66	3710793.51	132.65
436870.26	3710880.6	94.65
436811.47	3710889.27	106.37
436790.52	3710859.06	127.69
436766.96	3710810.65	152.38
436761.74	3710774.26	150
436836.82	3710917.77	92.46
436777.58	3710925.81	97.66
436755.76	3710894.34	113.42
436733.95	3710862.87	133.64
436720.32	3710828.18	150.56
436714.88	3710790.27	166.74
436709.44	3710752.37	168.22
436803.37	3710954.94	94.1
436743.83	3710962.53	96.26
436721.38	3710930.16	104.17
436698.94	3710897.79	126.28
436673.7	3710845.92	146.71
436668.11	3710806.93	163.2
436662.51	3710767.94	175.58
436769.93	3710992.1	98.51
436711.42	3711001.19	104.77
436691.06	3710971.82	98.18
436670.69	3710942.45	104.5
436650.33	3710913.08	114.18
436627.42	3710866.01	131.21
436622.35	3710830.63	141.58
436617.27	3710795.25	151.82
436612.19	3710759.87	163.82

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436736.48	3711029.27	116
436677.68	3711037.94	113.91
436656.74	3711007.73	105.33
436635.79	3710977.52	102.41
436614.84	3710947.3	118.91
436593.9	3710917.09	136.17
436580.81	3710883.79	146.93
436575.59	3710847.4	157.55
436570.37	3710811.01	165.58
436565.15	3710774.62	170.59
436703.04	3711066.44	131.67
436644	3711074.77	130.77
436622.58	3711043.87	128.88
436601.16	3711012.97	120.83
436579.73	3710982.07	114.68
436558.31	3710951.17	126.79
436534.22	3710901.66	149.68
436528.88	3710864.45	162.18
436523.54	3710827.23	169.36
436518.2	3710790.01	169.91
436512.85	3710752.79	172.73
436669.59	3711103.6	133.11
436610.36	3711111.65	159.02
436588.54	3711080.18	150.6
436566.72	3711048.7	141.05
436544.9	3711017.23	129.33
436523.08	3710985.76	125.34
436501.26	3710954.29	133.32
436487.63	3710919.6	141.56
436482.19	3710881.7	152.52
436476.75	3710843.79	164.49
436471.31	3710805.88	169.16
436465.87	3710767.98	170.38
436460.43	3710730.07	173.49
436636.15	3711140.77	163.67
436543.15	3711185.53	164.94
436520.71	3711153.16	158.44
436498.27	3711120.79	145.66
436475.83	3711088.42	138.06

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436453.38	3711056.05	137.46
436430.94	3711023.68	138.58
436408.5	3710991.31	143.38
436394.48	3710955.63	149.69
436388.89	3710916.64	154.08
436383.29	3710877.65	158.69
436377.69	3710838.66	161.45
436372.1	3710799.67	166.18
436366.5	3710760.68	174.53
436360.91	3710721.69	177.13
436569.25	3711215.11	165.32
436476.7	3711260.5	153.29
436455.14	3711229.4	145.85
436433.58	3711198.3	139.8
436412.02	3711167.2	137.26
436390.45	3711136.1	137
436368.89	3711105	137.03
436347.33	3711073.9	137.73
436325.77	3711042.79	137.91
436301.52	3710992.96	145.87
436296.14	3710955.5	147.59
436290.76	3710918.04	150.5
436285.39	3710880.58	153.69
436280.01	3710843.12	156.6
436274.64	3710805.66	166.6
436269.26	3710768.2	173.83
436502.36	3711289.44	159.64
436409.57	3711334.48	144.03
436387.52	3711302.68	144.61
436365.47	3711270.88	138.01
436343.42	3711239.08	136.43
436321.37	3711207.27	136.3
436299.33	3711175.47	132.17
436277.28	3711143.67	134.11
436255.23	3711111.87	135.85
436233.18	3711080.07	137.64
436208.38	3711029.11	151.37
436202.89	3710990.81	151.41
436197.39	3710952.5	150.4

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436191.89	3710914.19	149.64
436186.39	3710875.89	151.8
436180.9	3710837.58	161.85
436175.4	3710799.28	172.75
436435.47	3711363.78	143.78
436342.48	3711408.53	129.6
436320.04	3711376.16	129.22
436297.6	3711343.79	130.11
436275.15	3711311.42	129.92
436252.71	3711279.05	128.79
436230.27	3711246.68	125.99
436207.83	3711214.31	133.89
436185.38	3711181.94	136.69
436162.94	3711149.57	140.74
436140.5	3711117.2	152.72
436115.26	3711065.34	155.17
436109.66	3711026.35	154.96
436104.07	3710987.36	150.18
436098.47	3710948.37	147
436092.88	3710909.38	147.94
436087.28	3710870.39	151.39
436081.69	3710831.4	161.6
436368.58	3711438.11	129.93
436275.43	3711482.63	129.86
436252.66	3711449.79	128.57
436229.89	3711416.96	126.15
436207.12	3711384.12	124.66
436184.36	3711351.28	121.07
436161.59	3711318.44	120.47
436138.82	3711285.6	130.63
436116.05	3711252.76	136.43
436093.29	3711219.92	139.54
436070.52	3711187.08	148.89
436047.75	3711154.24	150.82
436022.15	3711101.62	151.92
436016.47	3711062.07	151.82
436010.79	3711022.52	150.92
436005.12	3710982.96	146.23
435999.44	3710943.41	141.2

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435993.76	3710903.85	140.68
435965.38	3710706.08	158.57
436301.69	3711512.44	130.55
436208.84	3711557.41	130.32
436186.69	3711525.46	130.25
436164.53	3711493.5	129.75
436142.38	3711461.55	127.16
436120.22	3711429.59	118.35
436098.07	3711397.63	116.54
436075.91	3711365.68	119.49
436053.76	3711333.72	128.34
436031.61	3711301.77	131.4
436009.45	3711269.81	135.44
435987.3	3711237.86	143.79
435965.14	3711205.9	144.75
435942.99	3711173.95	142.81
435929.15	3711138.73	140.27
435923.62	3711100.24	140.12
435918.1	3711061.75	142.72
435912.58	3711023.26	143.56
435907.05	3710984.77	141.53
435901.53	3710946.28	136.02
435873.91	3710753.83	143.25
435868.39	3710715.34	145.6
435862.87	3710676.85	146.34
436234.8	3711586.78	130.23
436141.81	3711631.54	128.34
436119.37	3711599.17	129.18
436096.92	3711566.8	129.07
436074.48	3711534.43	127.03
436052.04	3711502.06	115.38
436029.6	3711469.69	112.75
436007.15	3711437.32	112.68
435984.71	3711404.95	113.56
435962.27	3711372.58	119.64
435939.83	3711340.21	125.2
435917.38	3711307.84	126.5
435894.94	3711275.47	133.57
435872.5	3711243.1	136.25

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435850.06	3711210.73	135.1
435836.04	3711175.05	133.24
435830.44	3711136.06	133.06
435824.85	3711097.07	135.91
435819.25	3711058.08	140.77
435813.66	3711019.09	141.82
435808.06	3710980.1	139.47
435802.47	3710941.11	132.83
435780.09	3710785.15	128.71
435774.49	3710746.16	136.12
435768.89	3710707.17	137.31
435763.3	3710668.18	138.91
436167.91	3711661.11	126.15
436074.79	3711705.69	106.71
436052.1	3711672.96	106.79
436029.41	3711640.23	108.33
436006.72	3711607.5	107.63
435984.03	3711574.77	108.39
435961.33	3711542.04	107.65
435938.64	3711509.31	104.89
435915.95	3711476.58	106.67
435893.26	3711443.85	110.1
435870.57	3711411.12	116.97
435847.88	3711378.39	120.53
435825.18	3711345.66	122.64
435802.49	3711312.93	126.96
435779.8	3711280.2	127.39
435757.11	3711247.47	123.87
435742.93	3711211.4	119.26
435737.28	3711171.98	120
435731.62	3711132.55	125.13
435725.96	3711093.13	135.38
435720.3	3711053.71	139.74
435714.65	3711014.28	139.36
435692.02	3710856.59	119.64
435686.36	3710817.17	118.92
435680.7	3710777.75	124.58
435675.04	3710738.33	131.73
435669.39	3710698.9	131.8

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436101.02	3711735.45	107.5
436008.14	3711780.37	106.16
435985.92	3711748.33	105.7
435963.71	3711716.28	103.28
435941.49	3711684.24	101.18
435919.28	3711652.2	99.31
435897.06	3711620.15	98.68
435874.85	3711588.11	97.51
435852.63	3711556.07	97.5
435830.41	3711524.02	98.1
435808.2	3711491.98	99
435785.98	3711459.94	101.02
435763.77	3711427.89	104.94
435741.55	3711395.85	110.61
435719.34	3711363.81	115.53
435697.12	3711331.76	113.83
435674.91	3711299.72	112.71
435649.92	3711248.38	113.86
435644.38	3711209.79	114.76
435638.84	3711171.19	118.89
435633.3	3711132.59	130.08
435627.76	3711094	135.37
435622.23	3711055.4	135.06
435616.69	3711016.81	127.44
435611.15	3710978.21	122.67
435605.61	3710939.62	121.1
435600.07	3710901.02	117.84
435594.53	3710862.42	113.83
435588.99	3710823.83	113.72
435583.45	3710785.23	121.48
435577.92	3710746.64	129.9
435572.38	3710708.04	131.06
435566.84	3710669.45	130.64
436034.13	3711809.78	108.14
435941.13	3711854.54	111.46
435918.69	3711822.17	108.07
435896.25	3711789.8	105.97
435873.81	3711757.43	104.51
435851.37	3711725.06	97.88

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435828.92	3711692.69	95.85
435806.48	3711660.32	95.32
435784.04	3711627.95	95.7
435761.6	3711595.58	96.02
435739.15	3711563.21	96.36
435716.71	3711530.84	96.59
435694.27	3711498.47	98.33
435671.83	3711466.1	101.39
435649.39	3711433.73	103.76
435626.94	3711401.36	102.94
435604.5	3711368.99	99.95
435582.06	3711336.62	98.85
435556.82	3711284.75	99.39
435551.22	3711245.76	101.56
435545.63	3711206.77	110.27
435540.03	3711167.78	117.02
435534.44	3711128.8	121.41
435528.84	3711089.81	122.13
435523.25	3711050.82	119.59
435517.65	3711011.83	114.01
435512.06	3710972.84	112.28
435506.46	3710933.85	109.32
435500.86	3710894.86	108.28
435495.27	3710855.87	109.88
435489.67	3710816.88	115.93
435484.08	3710777.89	127.06
435478.48	3710738.9	129.93
435472.89	3710699.91	130
435467.29	3710660.92	129.8
435967.24	3711884.12	115.44
436207.69	3711246.88	127.25
436113.01	3711283.43	134.49
436027.25	3711334.86	128.32
435941.49	3711386.29	117.02
435855.73	3711437.72	108.72
435769.97	3711489.16	98.66
435684.21	3711540.59	95.44
436976.59	3710831.32	69.61
436963.1	3710877.99	72.16

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436925.91	3710862.92	81.07
436980.21	3710926.56	74.04
436942.21	3710924.2	76.05
436908.75	3710910.64	80.12
436967.77	3710973.29	81.01
436925.55	3710970.67	80.98
436888.37	3710955.61	86.64
436976.14	3711021.32	81.96
436953.53	3711019.92	83.44
436908.29	3711017.11	84.99
436868.45	3711000.97	88.63
436851.23	3710986.24	90.94
436834.01	3710971.5	92.22
436930.23	3711065.98	86.03
436850.83	3711048.29	101.61
436818.68	3711020.79	100.67
436892.46	3711111.14	95.42
436831.25	3711093.95	118.88
436797.5	3711065.07	125.96
436763.75	3711036.2	114.05
436990.56	3711164.74	86.08
436811.82	3711139.73	128.76
436794.29	3711124.73	137.06
436776.75	3711109.73	145.69
436759.22	3711094.73	148.42
436741.69	3711079.72	142.92
436985.96	3711211.96	86.41
436876.35	3711205.15	109.93
436832.5	3711202.43	121.59
436793.89	3711186.79	133.37
436760.51	3711158.23	150.06
436727.13	3711129.67	158.54
436693.75	3711101.11	135.49
436972.76	3711258.65	86.86
436950.14	3711257.25	91.31
436927.52	3711255.84	95.91
436904.9	3711254.44	101.68
436882.28	3711253.03	108.54
436859.66	3711251.63	115.16

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436837.05	3711250.22	121.23
436740.15	3711203.21	155.94
436722.93	3711188.48	161.28
436705.71	3711173.75	159.38
436688.49	3711159.02	156.78
436671.27	3711144.28	153.38
436636.83	3711114.82	153.97
436955.44	3711352.59	94.05
436910.73	3711349.81	106.53
436866.03	3711347.04	122.16
436821.32	3711344.26	132.54
436686.2	3711281.86	167.49
436652.16	3711252.74	166.12
436618.13	3711223.62	165.71
436584.09	3711194.5	165.81
437049.21	3711453.43	76.05
436916.22	3711445.17	112.64
436871.88	3711442.42	125.32
436827.55	3711439.66	129.67
436783.22	3711436.91	143.11
436615.47	3711346.15	162.79
436581.72	3711317.28	162.22
436547.97	3711288.4	162.94
436514.22	3711259.52	163.19
436480.47	3711230.65	155.21
437093.71	3711551.21	80.72
437070.68	3711549.78	83.31
437047.65	3711548.35	86.58
437024.62	3711546.92	92.75
436886.44	3711538.34	117.5
436863.41	3711536.91	121.44
436840.38	3711535.48	127.3
436817.35	3711534.05	134.82
436794.32	3711532.62	143.66
436771.3	3711531.19	153.78
436626.58	3711480.46	160.81
436556.45	3711420.46	153.69
436538.91	3711405.46	152.92
436521.38	3711390.46	152.64

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436503.85	3711375.46	152.72
436486.32	3711360.46	151.96
436468.78	3711345.46	149.23
436451.25	3711330.46	145.85
436433.72	3711315.46	144.14
436416.18	3711300.46	145.79
437208.16	3711550.97	69.97
437166.02	3711650.72	87.44
437143.22	3711649.3	88.97
437120.42	3711647.89	89.21
437097.62	3711646.47	92.14
437074.82	3711645.05	98.55
437052.02	3711643.64	104.9
437029.22	3711642.22	108.21
437006.42	3711640.81	109.77
436846.83	3711630.89	133.83
436824.03	3711629.48	143.11
436801.23	3711628.06	154.65
436778.43	3711626.65	166.58
436755.63	3711625.23	174.14
436732.83	3711623.81	172.72
436572.2	3711558.75	159.38
436537.49	3711529.05	158.78
436502.77	3711499.35	151.85
436485.41	3711484.49	150.13
436468.06	3711469.64	148.39
436450.7	3711454.79	146.76
436433.34	3711439.94	143.49
436415.98	3711425.09	138.84
436398.63	3711410.24	133.63
436381.27	3711395.39	131.23
436363.91	3711380.54	130.47
436346.55	3711365.69	130.53
436329.2	3711350.84	130.69
437211.62	3711653.55	74.38
437233.95	3711647.59	71.35
437214.79	3711748.76	73.72
437192.17	3711747.36	79.33
437169.55	3711745.95	83.9

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437146.93	3711744.55	86.94
437124.32	3711743.14	89.76
437101.7	3711741.74	92.91
437079.08	3711740.33	96.42
437056.46	3711738.93	99.89
437033.84	3711737.53	102.91
437011.22	3711736.12	106.59
436988.6	3711734.72	111.43
436965.98	3711733.31	114.44
436852.89	3711726.29	139.51
436830.27	3711724.88	146.79
436807.65	3711723.48	149.2
436785.04	3711722.07	150.86
436762.42	3711720.67	151.81
436739.8	3711719.26	152.39
436717.18	3711717.86	153.38
436500.77	3711622.44	161
436483.55	3711607.71	157.61
436466.33	3711592.97	153.11
436449.11	3711578.24	147.85
436431.89	3711563.51	145.26
436414.67	3711548.77	143.99
436397.45	3711534.04	139.01
436380.23	3711519.31	133.92
436363.01	3711504.58	130.64
436345.79	3711489.84	130.18
436328.57	3711475.11	129.68
436311.35	3711460.38	129.24
436294.13	3711445.64	128.73
436276.91	3711430.91	128.08
436259.69	3711416.18	126.82
436139.16	3711313.05	123.28
437237.41	3711750.17	70.98
437259.74	3711744.21	70.23
437240.72	3711845.39	72.18
437218.25	3711843.99	76.1
437195.78	3711842.6	77.56
437173.31	3711841.2	77.74
437150.83	3711839.81	78.56

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437128.36	3711838.41	80.23
437105.89	3711837.02	82.43
437083.41	3711835.62	85.37
437060.94	3711834.22	88.97
437038.47	3711832.83	93.56
437016	3711831.43	96.82
436993.52	3711830.04	100.09
436971.05	3711828.64	104.83
436948.58	3711827.25	110.2
436813.74	3711818.87	146.03
436791.27	3711817.48	145.23
436768.8	3711816.08	144.93
436746.32	3711814.69	145.8
436723.85	3711813.29	147.02
436701.38	3711811.89	147.78
436678.91	3711810.5	148.3
436446.78	3711701.06	143.52
436412.57	3711671.78	143.5
436378.35	3711642.5	141.18
436361.24	3711627.87	136.44
436327.02	3711598.59	131.2
436292.81	3711569.32	130.9
436258.59	3711540.04	130.43
436224.37	3711510.76	130.23
436190.15	3711481.49	129.71
436173.04	3711466.85	129.25
436053.28	3711364.39	120.57
437263.2	3711846.79	70.63
437285.53	3711840.83	70.16
437265.95	3711941.97	76.48
437242.92	3711940.54	79.03
437219.89	3711939.11	78.77
437196.86	3711937.68	78.86
437173.83	3711936.25	79.58
437150.8	3711934.82	82.1
437127.77	3711933.39	86.46
437104.74	3711931.96	91.11
437081.72	3711930.53	93.83
437058.69	3711929.1	93.59

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437035.66	3711927.67	94.08
437012.63	3711926.24	96.36
436989.6	3711924.81	99.25
436966.57	3711923.38	101.74
436943.54	3711921.95	104.81
436920.51	3711920.52	109.68
436782.33	3711911.94	142.6
436759.3	3711910.51	142.77
436736.27	3711909.08	143
436713.24	3711907.65	143.14
436690.21	3711906.22	143.18
436667.18	3711904.79	143.22
436406.27	3711791.2	126.37
436388.74	3711776.2	127.53
436371.2	3711761.2	131.75
436353.67	3711746.2	132.74
436336.14	3711731.2	129.8
436318.61	3711716.2	130.22
436301.07	3711701.2	129.88
436283.54	3711686.19	130.56
436266.01	3711671.19	130.32
436248.47	3711656.19	130.3
436230.94	3711641.19	130.04
436213.41	3711626.19	129.76
436195.88	3711611.19	129.74
436178.34	3711596.19	129.81
436160.81	3711581.19	129.83
436143.28	3711566.19	129.74
436125.74	3711551.19	129.54
436108.21	3711536.19	129.31
435985.48	3711431.18	111.97
437288.98	3711943.4	73.13
437311.31	3711937.44	71.33
437291.9	3712038.6	79.05
437269.03	3712037.18	85.25
437246.16	3712035.76	86.99
437223.29	3712034.34	86.8
437200.42	3712032.92	86.96
437177.55	3712031.5	87.61

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437154.68	3712030.08	90.78
437131.81	3712028.66	96.12
437108.94	3712027.24	100.37
437086.07	3712025.82	100.57
437063.2	3712024.4	100.6
437040.33	3712022.98	103.06
437017.46	3712021.56	107.95
436994.59	3712020.14	112.82
436971.72	3712018.72	118.5
436948.85	3712017.3	125.14
436925.98	3712015.88	133.08
436903.11	3712014.45	140.04
436743.02	3712004.51	140.86
436720.15	3712003.09	139.79
436697.28	3712001.67	139.06
436674.41	3712000.25	138.44
436651.54	3711998.83	137.42
436628.67	3711997.41	136.51
436352.17	3711869.72	111.19
436334.76	3711854.82	113
436317.34	3711839.92	114.07
436299.93	3711825.03	114.14
436282.52	3711810.13	114.05
436265.11	3711795.23	112.48
436247.7	3711780.34	111.29
436230.29	3711765.44	110.54
436212.88	3711750.54	109.72
436195.47	3711735.65	110.1
436178.06	3711720.75	109.57
436160.64	3711705.86	111.54
436143.23	3711690.96	111.92
436125.82	3711676.06	114.48
436108.41	3711661.17	116.34
436091	3711646.27	118.64
436073.59	3711631.37	121.57
436056.18	3711616.48	121.52
436038.77	3711601.58	117.17
436021.36	3711586.68	112.22
435882.07	3711467.51	103.55

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
437337.1	3712034.06	71.34
437295.09	3712133.81	83.79
437272.36	3712132.4	85.69
437249.62	3712130.99	86.75
437226.89	3712129.58	87.99
437204.15	3712128.17	90.88
437181.42	3712126.76	94.75
437158.68	3712125.34	98.02
437135.95	3712123.93	99.63
437113.21	3712122.52	100.69
437090.48	3712121.11	102.31
437067.74	3712119.7	104.19
437045.01	3712118.28	106.79
436999.54	3712115.46	117.99
436976.81	3712114.05	126.07
436954.07	3712112.64	135.39
436931.34	3712111.22	143.95
436908.6	3712109.81	147.07
436885.87	3712108.4	146.88
436863.13	3712106.99	146.51
436840.4	3712105.58	145.81
436726.73	3712098.52	141.08
436703.99	3712097.1	138.89
436681.26	3712095.69	137.12
436658.52	3712094.28	137.29
436635.79	3712092.87	137.7
436613.05	3712091.46	138.14
436590.32	3712090.05	138.32
436476.64	3712082.99	139.78
436436.6	3712066.77	146.24
436298.14	3711948.3	115.46
436280.83	3711933.49	113.87
436263.52	3711918.68	112.82
436246.21	3711903.87	111.74
436228.91	3711889.06	111.48
436211.6	3711874.26	109.48
436194.29	3711859.45	109.28
436176.98	3711844.64	108.64
436159.67	3711829.83	108.46

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436142.37	3711815.02	108.18
436125.06	3711800.21	107.95
436107.75	3711785.41	107.71
436090.44	3711770.6	107.41
436073.13	3711755.79	107.18
436055.83	3711740.98	106.73
436038.52	3711726.17	105.87
436021.21	3711711.36	105.04
436003.9	3711696.56	103.96
435986.59	3711681.75	102.33
435969.29	3711666.94	101.19
435951.98	3711652.13	100.53
435830.82	3711548.47	97.58
435796.21	3711518.86	98
437340.56	3712136.64	78.45
437343.73	3712231.85	82.3
437298.49	3712229.04	85.68
437275.87	3712227.64	86.57
437253.25	3712226.23	87.34
437230.64	3712224.83	88.95
437208.02	3712223.42	90.91
437185.4	3712222.02	92.63
437162.78	3712220.61	94.27
437140.16	3712219.21	96.1
437117.54	3712217.8	97.83
437094.92	3712216.4	99.77
437072.31	3712214.99	101.38
437049.69	3712213.59	103.19
437004.45	3712210.78	114.82
436959.21	3712207.97	136.03
436936.59	3712206.57	143.89
436913.98	3712205.16	144.5
436891.36	3712203.76	144.4
436868.74	3712202.35	143.99
436846.12	3712200.95	143.13
436823.5	3712199.54	141.53
436710.41	3712192.52	136.28
436687.79	3712191.11	137.36
436665.17	3712189.71	138.04

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
436642.55	3712188.31	139.44
436619.93	3712186.9	142.29
436597.31	3712185.5	145.8
436574.7	3712184.09	147.38
436552.08	3712182.69	148.09
436529.46	3712181.28	149.33
436506.84	3712179.88	151.7
436484.22	3712178.47	153.27
436461.6	3712177.07	153.61
436438.98	3712175.66	152.55
436399.15	3712159.53	149.24
436381.93	3712144.79	149.32
436364.71	3712130.06	148.81
436347.49	3712115.33	145.11
436330.27	3712100.59	140.37
436313.05	3712085.86	136.03
436295.83	3712071.13	133.97
436278.61	3712056.4	132.59
436261.39	3712041.66	131.44
436244.17	3712026.93	132.9
436226.95	3712012.2	135.62
436209.73	3711997.46	138.84
436192.51	3711982.73	139.94
436175.29	3711968	140.49
436158.07	3711953.27	138.35
436140.85	3711938.53	134.43
436123.63	3711923.8	127.92
436106.41	3711909.07	121.05
436089.19	3711894.33	117.88
436071.97	3711879.6	117.17
436054.75	3711864.87	116.81
436037.53	3711850.14	116.42
436020.31	3711835.4	114.26
436003.09	3711820.67	111.22
435985.87	3711805.94	110.06
435968.65	3711791.2	108.79
435951.43	3711776.47	107.99
435934.21	3711761.74	106.23
435916.99	3711747.01	105.14

Table 4.1C Receptors in AERMOD

X (meters)	Y (meters)	Elevation (meters)
435899.77	3711732.27	104.47
435882.55	3711717.54	101.68
435865.34	3711702.81	98.49
435727.58	3711584.95	95.58
435710.36	3711570.21	95.71
436970.6	3710769.1	68.51
436955.72	3710755.71	70.49
436964.65	3710655.98	69.13
437021.21	3710584.54	65.64
437018.23	3710502.68	68.99
437036.09	3710435.7	68.89
437094.14	3710349.37	62.96
437061.39	3710282.39	66.23
437037.58	3710213.93	69.84
437036.09	3710167.79	71.21
437070.32	3710115.69	66.17
437123.91	3710072.53	56.8
437222.14	3710135.04	62.85
437186.42	3710196.07	62.85
437176	3710245.18	62.32
437195.35	3710271.98	62.16
437262.33	3710316.63	63.44
437296.56	3710364.26	64.35
437295.07	3710425.28	65.66
437305.49	3710466.96	69.66
437274.24	3710557.75	67.68
437244.47	3710642.59	66.46
437260.84	3710791.43	67.57
437210.23	3710813.76	60.83
437162.6	3710772.08	64.51
437001.86	3710778.03	66.48
436979.53	3710783.99	67.59