Buena Park General Plan & Zoning Code Update

Air Toxic and Criteria Pollutant Health Risk Assessment

City of Buena Park

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TABLE OF CONTENTS

TABLE OF CONTENTS I
APPENDICES II
LIST OF EXHIBITS III
LIST OF TABLES III
LIST OF ABBREVIATED TERMS IV
EXECUTIVE SUMMARY 1
1 INTRODUCTION 4
1.1 Project Description 4
2 SOURCE IDENTIFICATION AND CHARACTERIZATION 8
2.1 Construction Health Risk Assessment 8
2.2 Freeway Source Health Risk Assessment 11
3 EXPOSURE QUANTIFICATION 15
4 RISK CHARACTERIZATION 19
4.1 Carcinogenic Chemical Risk 19
4.2 Non-Carcinogenic Exposures 21
4.3 Potential Cancer and Non-Cancer Risks 22
4.4 Criteria Pollutant Exposures 22
5 FINDINGS AND RECOMMENDATIONS 26
5.1 Construction Analysis 26
5.2 Freeway Analysis 26
6 REFERENCES 30
7 CERTIFICATION 32

APPENDICES

APPENDIX 1.1: MERV FILTER EFFICIENCY
APPENDIX 2.1: CALEEMOD OUTPUTS – 1-ACRE SCENARIO
APPENDIX 2.2: CALEEMOD OUTPUTS – 2-ACRE SCENARIO
APPENDIX 2.3: CALEEMOD OUTPUTS – 3-ACRE SCENARIO
APPENDIX 2.4: CALEEMOD OUTPUTS – 4-ACRE SCENARIO
APPENDIX 2.5: CALEEMOD OUTPUTS – 5-ACRE SCENARIO
APPENDIX 2.6: EMFAC EMISSIONS SUMMARY – I-5
APPENDIX 2.7: EMFAC EMISSIONS SUMMARY – CA-91
APPENDIX 3.1: AERMOD MODEL INPUT/OUTPUT FILES
APPENDIX 4.1: RISK CALCULATIONS

LIST OF EXHIBITS

EXHIBIT 1-A: HOUSING ELEMENT SITE LOCATION MAP 6
EXHIBIT 3-A: SOURCE RECEPTOR GRID NETWORK (CONSTRUCTION) 16
EXHIBIT 3-B: SOURCE RECEPTOR GRID NETWORK (I-5) 17
EXHIBIT 3-C: SOURCE RECEPTOR GRID NETWORK (CA-91) 18

LIST OF TABLES

TABLE 2-1: CONSTRUCTION DURATION 8
TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS 8
TABLE 2-3 FREEWAY TRAFFIC VOLUMES 11
TABLE 2-4: VEHICLE FLEET MIX PROFILE 12
TABLE 4-1: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY) 21
TABLE 4-2: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL) 21
TABLE 4-3: CALIFORNIA AMBIENT AIR QUALITY STANDARDS 23
TABLE 4-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2019-2021 24
TABLE 4-5: SCAQMD AIR QUALITY SIGNIFICANCE THRESHOLDS 24
TABLE 5-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS 26
TABLE 5-2: SUMMARY OF FREEWAY CANCER AND NON-CANCER RISKS 27
TABLE 5-3: SUMMARY OF CRITERIA POLLUTANT CONCENTRATIONS 27

LIST OF ABBREVIATED TERMS

(1)	Reference
AADT	Annual Average Daily Traffic Volumes
ARB	Air Resources Board
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers
CAAQS	California Ambient Air Quality Standards
Caltrans	California Department of Transportation
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CO	Carbon Monoxide
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EPA	Environmental Protection Agency
HRA	Health Risk Assessment
LDA	Light Duty Auto
LDT	Light Duty Truck
LHD	Light Heavy Duty
MCY	Motorcycle
MDV	Medium Duty Vehicle
MERV	Minimum Efficiency Reporting Value
NO_2	Nitrogen Dioxide
OBUS	Other Bus
PM_{10}	Particulate Matter 10 microns in diameter or less
$PM_{2.5}$	Particulate Matter 2.5 microns in diameter or less
PPM	Parts per Million
Project	Buena Park General Plan & Zoning Code Update
PVMRM	Plume Volume Molar Ratio Methods
REL	Reference Exposure Level
RME	Reasonable Maximum Exposure
SBUS	School Bus
SCAQMD	South Coast Air Quality Management District
TACs	Toxic Air Contaminants
UBUS	Urban Bus
URF	Unit Risk Factor
UTM	Universal Traverse Mercator

EXECUTIVE SUMMARY

In 2005, the California Air Resources Board (ARB) promulgated an advisory recommendation to avoid setting sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day, or rural roads with 50,000 vehicles per day. The ARB indicates that due to traffic-generated pollutants, there is an estimated increased cancer risk incidence of 300 to 1,700 per million within this domain. At some point however, the increased cancer risk incidence due the effects of freeway/roadway corridor pollutants become indistinguishable from the ambient air quality condition. In this regard, the effects of freeway/roadway-source pollutants that may impact the Project site are already acknowledged and accounted for within the ambient air quality discussions presented within this Section. More specifically, the MATES-V Study data for the Project site comprehensively reflects increased TAC-source cancer risks affecting the City, inclusive of increased cancer risks due to freeway sources.

The 2005 ARB guidance noted previously, information made available through the MATES-IV Study, and configuration and design of the Project would suggest that further assessment of freeway-source pollutant impacts is not warranted. Notwithstanding, this Construction and Off-Site Freeway-Source Air Toxic and Criteria Pollutant Health Risk Assessment has been prepared for the Project and is intended to:

- Comply with and support CEQA Section 15003 (i) policies addressing adequacy, completeness, and a good-faith effort at full disclosure;
- Disaggregate potential freeway-source air pollutant health effects from other background conditions identified in the MATES V Study; and
- Identify means to reduce the specific effects of freeway-source pollutants for Projects located near freeways.

Findings and conclusions of this Assessment are summarized below.

SUMMARY OF FINDINGS – CONSTRUCTION ANALYSIS

The results of the analysis indicate that under each construction scenario evaluated (1, 2, 3, 4, and 5-acre construction sites), significant health risk impacts would not occur for sensitive receptors located within 5 meters (16 feet) of construction activities with the use of construction equipment that meets or exceeds CARB Tier 4 Final emission standards. A site-specific health risk analysis is recommended under the following circumstances:

- Projects where construction activities would occur over an area greater than 5 acres at any given time;
- Projects where sensitive receptors are located less than 5 meters (16 feet) from construction activities;
- Construction activities where all equipment does not meet at least CARB Tier 4 Final emission standards; or
- Projects for which the expected duration or equipment mix would differ significantly from those detailed in Section 2.1 of this report.

SUMMARY OF FINDINGS – FREEWAY ANALYSIS

The analysis evaluated potential health risks resulting from exposure to pollutants emitted by vehicles traveling on I-5 and CA-91. The results of the analysis indicate that significant health risks would not occur for sensitive receptors at distances greater than 450 feet from the traveled roadway, with implementation of Minimum Efficiency Reporting Value (MERV) 13 or better air filtration systems. Projects that would place sensitive receptors nearer than 450 feet from I-5 or CA-91 may require additional site-specific analysis.

Table 5-3 presents modeled concentrations of CO, N_2O, PM_{10}, and $PM_{2.5}$ for residents located 450 feet from the traveled roadway. The results of the analysis indicate that pollutant concentrations would not exceed SCAQMD significance thresholds for any of these pollutants.

Based on these findings, it is recommended that residential projects be sited such that residences are located at least 450 feet from the traveled roadway of the I-5 or CA-91 freeways. Additionally, as required by the California Building Energy Efficiency Standards (Title 24, Part 6 of California Code of Regulations (CCR)), it is recommended that all residential projects be required to install air filtration systems with efficiencies equal to or exceeding a Minimum Efficiency Reporting Value (MERV) 13 as defined by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 52.2.1 (1). A site-specific HRA may be required for projects located nearer than 450 feet from the traveled roadway of I-5 or CA-91 or for projects not requiring the installation of MERV 13 or better air filtration systems.

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1 INTRODUCTION

In 2005, the California Air Resources Board (ARB) promulgated an advisory recommendation to avoid setting sensitive land uses within 500 feet of a freeway, urban roads with 100,000 vehicles per day or rural roads with 50,000 vehicles per day. According to the ARB, the increased cancer risk is 300 to 1,700 per million within this domain. The strongest association of traffic related emissions with adverse health outcomes was seen within 300 feet of roadways with high truck densities. Notwithstanding, the ARB notes that a site-specific analysis would be required to determine the actual risk near a particular land use and should consider factors such as prevailing wind direction, local topography and climate.

In consideration of the above referenced requirement, the assessment and dispersion modeling methodologies used in the preparation of this report were composed of all relevant and appropriate procedures presented by the U.S. Environmental Protection Agency, California Environmental Protection Agency and South Coast Air Quality Management District (SCAQMD). The methodologies and assumptions offered under this regulatory guidance were used to ensure that the assessment effectively quantified residential exposures associated with the generation of contaminant emissions from adjacent mobile source activity.

This report summarizes the protocol used to evaluate contaminant exposures and presents the results of the health risk assessment (HRA) prepared by Urban Crossroads, Inc., for the proposed Buena Park General Plan & Zoning Code Update (referred to as "Project").

1.1 PROJECT DESCRIPTION

The 6th Cycle Housing Element Update indicates that the City can accommodate approximately 10,322 dwelling units (DU)[1] through pending projects, its inventory of vacant and underutilized land, ADUs, and rezoned and mixed-use overlay sites. The mixed-use overlay sites will permit commercial development with floor-to-area ratios of 1.0, 1.5, and 3.0, which will result in 438,333 square feet (SF) of commercial space at an estimated 60% lot coverage. Through consultation with the City of Buena Park it was determined that the mix of total commercial SF be separated to 80% (350,667 square feet) retail uses and 20% (87,667 square feet) office uses. The commercial intensities within the mixed-use overlays are in addition to the permitted residential densities.

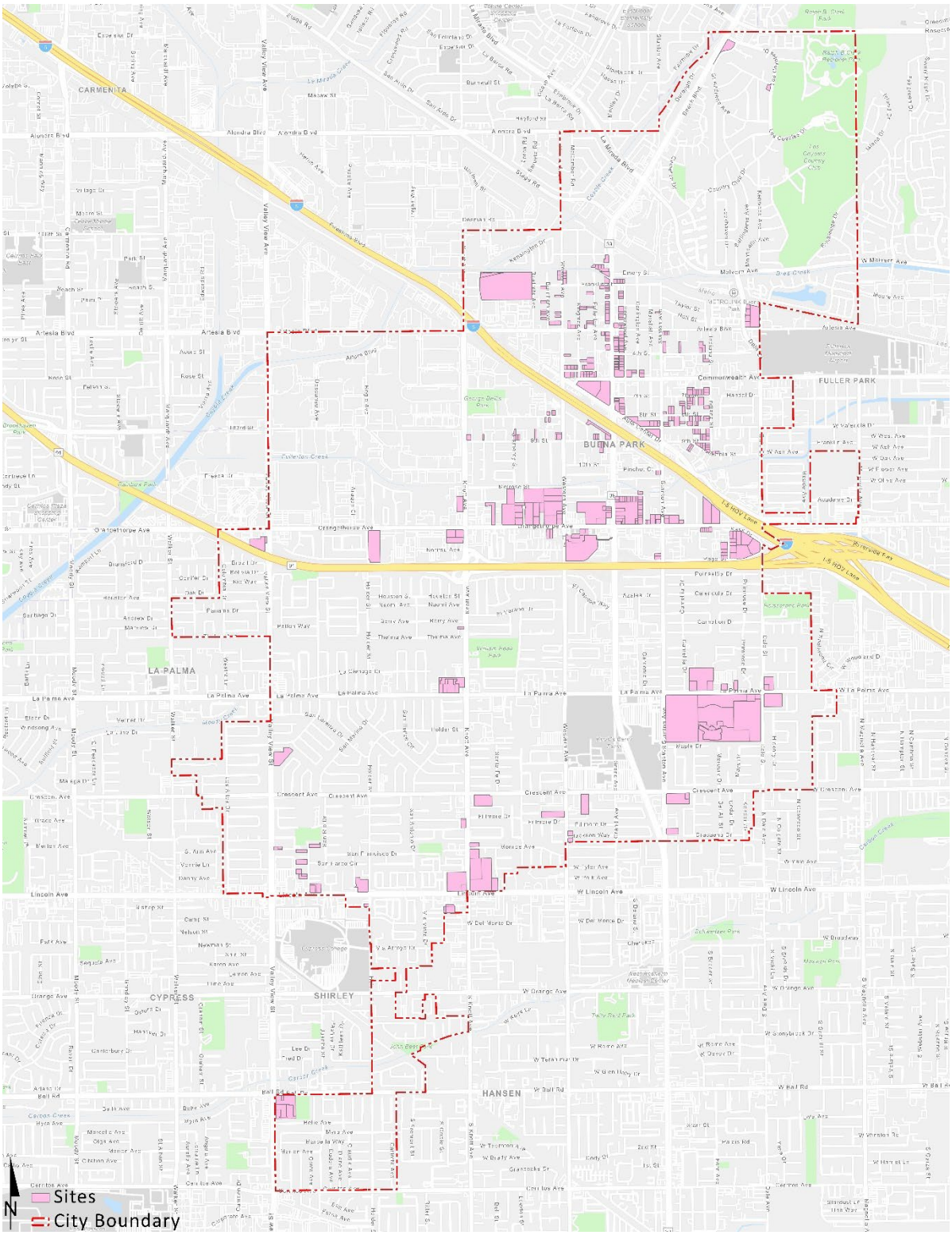
In order to achieve the increased number of housing units, the City must update the Land Use Element, Single Family Residential Zones, and Multifamily Residential Zones to allow increased densities under the land use designations and provide development standards under the zoning ordinance that accommodates increased densities up to 100 dwelling units per acre (du/ac). Housing Element sites summarized on Appendix 3.1. There are a total of 410 parcels identified as part of the 2021-2029 Housing Element Update.

The Air Toxic and Criteria Pollutant Health Risk Assessment will evaluate potential health impacts to nearby sensitive receptors under several representative construction scenarios with the goal

[1] Housing units were calculated using the "Buena Park Adopted 6th Cycle HE_SITES INVENTORY".

of the proposed development intensities expected for the 341 sites and assess the potential impacts that result from the implementation of the rezoning and changes to land use. Exhibit 1-A identifies the locations of each of the Housing Element sites shown on Appendix 3.1.

EXHIBIT 1-A: HOUSING ELEMENT SITE LOCATION MAP



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2 SOURCE IDENTIFICATION AND CHARACTERIZATION

2.1 CONSTRUCTION HEALTH RISK ASSESSMENT

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment as detailed in SCAQMD's *Sample Construction Scenarios for Projects Less than Five Acres in Size* (2).

Construction related DPM emissions are expected to occur primarily as a function of the operation of heavy-duty construction equipment.

The construction duration by phase is shown on Table 2-1 for each of the five sample construction scenarios. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendices 2.1 through 2.5.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Construction Duration (days)				
	1-Acre	2-Acre	3-Acre	4-Acre	5-Acre
Demolition	20	20	20	20	20
Site Preparation	2	3	5	5	10
Grading	4	6	8	8	20
Building Construction	200	220	230	230	230
Paving/Architectural Coating	20	20	36	36	40

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
1-Acre	Demolition	Concrete/Industrial Saws	1	8
		Tractors/Loaders/Backhoes	2	6
		Rubber Tired Dozers	1	1
	Site Preparation	Graders	1	8
		Tractors/Loaders/Backhoes	1	8
	Grading	Graders	1	6
		Rubber Tired Dozers	1	6
		Tractors/Loaders/Backhoes	1	7
	Building Construction	Cranes	1	4
		Forklifts	2	6
		Tractors/Loaders/Backhoes	2	8

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
	Paving/Architectural Coating	Cement and Mortar Mixers	4	6
		Pavers	1	7
		Rollers	1	7
		Tractors/Loaders/Backhoes	1	7
2-Acre	Demolition	Concrete/Industrial Saws	1	8
		Tractors/Loaders/Backhoes	3	8
		Rubber Tired Dozers	1	8
	Site Preparation	Graders	1	8
		Rubber Tired Dozers	1	7
		Tractors/Loaders/Backhoes	1	8
	Grading	Graders	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	7
	Building Construction	Cranes	1	6
		Forklifts	1	6
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	1	6
		Welders	3	8
	Paving/Architectural Coating	Cement and Mortar Mixers	1	6
		Pavers	1	6
		Paving Equipment	1	8
		Rollers	1	7
		Tractors/Loaders/Backhoes	2	8
3-Acre	Demolition	Concrete/Industrial Saws	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	8
	Site Preparation	Graders	1	7
		Scrapers	2	8
		Tractors/Loaders/Backhoes	1	4
	Grading	Graders	1	8
		Tractors/Loaders/Backhoes	1	7
		Scrapers	1	8
	Building Construction	Cranes	1	8
		Forklifts	2	7

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	1	6
		Welders	3	8
	Paving/Architectural Coating	Cement and Mortar Mixers	1	3
		Pavers	1	8
		Paving Equipment	1	8
		Rollers	2	8
		Tractors/Loaders/Backhoes	1	8
4-Acre	Demolition	Concrete/Industrial Saws	1	7
		Tractors/Loaders/Backhoes	2	8
		Rubber Tired Dozers	1	8
	Site Preparation	Rubber Tired Dozers	2	7
		Tractors/Loaders/Backhoes	3	7
		Graders	1	7
	Grading	Graders	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	8
	Building Construction	Cranes	1	8
		Forklifts	2	7
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	2	7
		Welders	1	8
	Paving/Architectural Coating	Cement and Mortar Mixers	2	6
		Pavers	1	8
		Paving Equipment	1	8
		Rollers	1	7
		Tractors/Loaders/Backhoes	1	8
5-Acre	Demolition	Concrete/Industrial Saws	1	7
		Tractors/Loaders/Backhoes	2	8
		Rubber Tired Dozers	1	8
	Site Preparation	Rubber Tired Dozers	3	7
		Tractors/Loaders/Backhoes	4	7
	Grading	Graders	2	8
		Rubber Tired Dozers	1	8

Scenario	Construction Activity	Equipment	Amount	Hours Per Day
		Tractors/Loaders/Backhoes	3	8
	Building Construction	Cranes	1	7
		Forklifts	3	8
		Generator Sets	1	8
		Tractors/Loaders/Backhoes	3	7
		Welders	1	8
	Paving/Architectural Coating	Cement and Mortar Mixers	2	6
		Pavers	1	8
		Paving Equipment	2	6
		Rollers	1	8
		Tractors/Loaders/Backhoes	1	8

Construction emissions were modeled in AERMOD using a single volume source covering an area of 1, 2, 3, 4, or 5 acres, dependent upon the scenario modeled. A receptor grid was utilized, placing receptors every 5 meters out to a distance of 100 meters from the edge of the modeled volume source. Exhibit 3-A presents an example of how construction emissions were modeled in AERMOD.

2.2 FREEWAY SOURCE HEALTH RISK ASSESSMENT

The California Department of Transportation (Caltrans), Traffic and Vehicle Data Systems Unit collects and maintains traffic volume counts for vehicles traversing the California state highway system. Table 2-3 presents the annual average daily traffic volumes (AADT) for the freeway segments considered in the assessment. The AADT volumes for I-5 and CA-91 are based on Caltrans' Traffic Census Program (3) for 2021, the latest year for which traffic data is currently available.

TABLE 2-3 FREEWAY TRAFFIC VOLUMES

Roadway Segment	AADT
I-5 Freeway at Beach Boulevard	213,400
CA-91 Freeway at Beach Boulevard	312,700

In urban communities, vehicle emissions contribute significantly to localized concentrations of air contaminants. Typically, emissions generated from these sources are characterized by vehicle mix, the rate pollutants are generated during the course of travel and the number of vehicles traversing the roadway network.

Currently, emission factors are generated from a series of computer-based programs to produce a composite emission rate for vehicles traveling at various speeds within a defined geographical area or along a discrete roadway segment. To account for the emission standards imposed on the California fleet, the ARB has developed the EMFAC2021 emission factor model. EMFAC2021 was utilized to identify pollutant emission rates for total organic gases (TOG), diesel particulates, particulates (PM_{10} and $PM_{2.5}$), carbon monoxide (CO) and nitrogen oxide (NOx) compounds (4). To produce a representative vehicle fleet distribution, the assessment utilized ARB's Orange County vehicle population estimates for the 2045 calendar year, consistent with the General Plan Horizon Year for analytical purposes. This approach provides an estimate of vehicle mix associated with operational profiles at the link or intersection level. Table 2-4 lists the identified fleet mix considered in the assessment.

Based upon the freeway traffic volumes and vehicle population profiles noted above, discrete traffic counts were identified for each roadway segment. Diesel vehicles account for 3.43 percent of the total on-road mobile fleet. For chronic (long term) and acute (e.g., 1-hour) exposures, AADT values were averaged to produce representative hourly traffic volumes.

TABLE 2-4: VEHICLE FLEET MIX PROFILE

Vehicle Class	Orange County		
	Fuel	Population	Percent
HHDT	Gasoline	3	0.00%
HHDT	Diesel	13,605	0.60%
LDA	Gasoline	1,053,319	46.09%
LDA	Diesel	679	0.03%
LDT1	Gasoline	83,122	3.64%
LDT1	Diesel	1	0.00%
LDT2	Gasoline	610,149	26.70%
LDT2	Diesel	2,338	0.10%
LHDT1	Gasoline	28,028	1.23%
LHDT1	Diesel	21,565	0.94%
LHDT2	Gasoline	4,127	0.18%
LHDT2	Diesel	10,359	0.45%
MCY	Gasoline	64,547	2.82%
MDV	Gasoline	355,590	15.56%
MDV	Diesel	3,907	0.17%
MH	Gasoline	4,302	0.19%
MH	Diesel	2,907	0.13%
MHDT	Gasoline	2,637	0.12%
MHDT	Diesel	22,128	0.97%
OBUS	Gasoline	477	0.02%
OBUS	Diesel	557	0.02%
SBUS	Gasoline	446	0.02%

Vehicle Class	Orange County		
	Fuel	Population	Percent
SBUS	Diesel	290	0.01%
UBUS	Gasoline	345	0.02%

Note: Vehicle category descriptions can be found on the California Air Resources Board website at http://www.arb.ca.gov/msei/modeling.htm.

An average speed of 65 miles per hour was utilized for I-5 and CA-91.

For particulates (PM_{10} and $PM_{2.5}$), emissions were quantified through the reentrainment of paved roadway dust. The predictive emission equation developed by the U.S. Environmental Protection Agency (AP-42, Section 13.2.1) was utilized to generate particulate source strength (5). To account for the mass rate of emissions entrained from the roadway surface, the contribution from exhaust, brake and tire wear were added to the AP-42 emission factor equation.

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3 EXPOSURE QUANTIFICATION

In order to assess the impact of emitted compounds on individuals who reside at the proposed apartment complex, air quality modeling utilizing the AMS/EPA Regulatory Model AERMOD was performed to assess the downwind extent of mobile source emissions located within 1,000 feet of the project site. AERMOD's air dispersion algorithms are based upon a planetary boundary layer turbulence structure and scaling concepts, including the treatment of surface and elevated sources in simple and complex terrain.

The model offers additional flexibility by allowing the user to assign initial vertical and lateral dispersion parameters for sources representative of a localized mobile fleet. For this assessment, the volume source algorithm was utilized to model the emissions generated from on-road mobile source activity.

The modeling conservatively utilizes the full conversion protocol to perform the NOx to NO_2 conversion.

Air dispersion models require additional input parameters including pollutant emission data and local meteorology. Due to their sensitivity to individual meteorological parameters such as wind speed and direction, the U.S. Environmental Protection Agency recommends that meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal conditions that exist in the area of concern. In response to this recommendation, the nearest meteorological data available from the SCAQMD Fullerton Airport Meteorological Data Station (Source Receptor Area 16), was used to represent local weather conditions and prevailing winds. Five years (2012-2016) of available AERMOD meteorological data was utilized in the modeling, which is the latest available information from SCAQMD.

The modeling analysis also considered the spatial distribution of mobile source activity traversing the freeway in relation to the proposed site. To accommodate a Cartesian grid format, direction dependent calculations were obtained by identifying the universal transverse mercator (UTM) coordinates for each volume source location. On-site receptors were placed to provide coverage across the identified residential portion of the site. A ground level receptor height was assumed as a conservative measure. A graphical representation of the source-receptor grid network is presented in Exhibit 3-A for construction, Exhibit 3-B for I-5, and Exhibit 3-C for CA-91. A complete listing of model input/output files are provided in electronic format in Appendix 3.1.

EXHIBIT 3-A: SOURCE RECEPTOR GRID NETWORK (CONSTRUCTION)

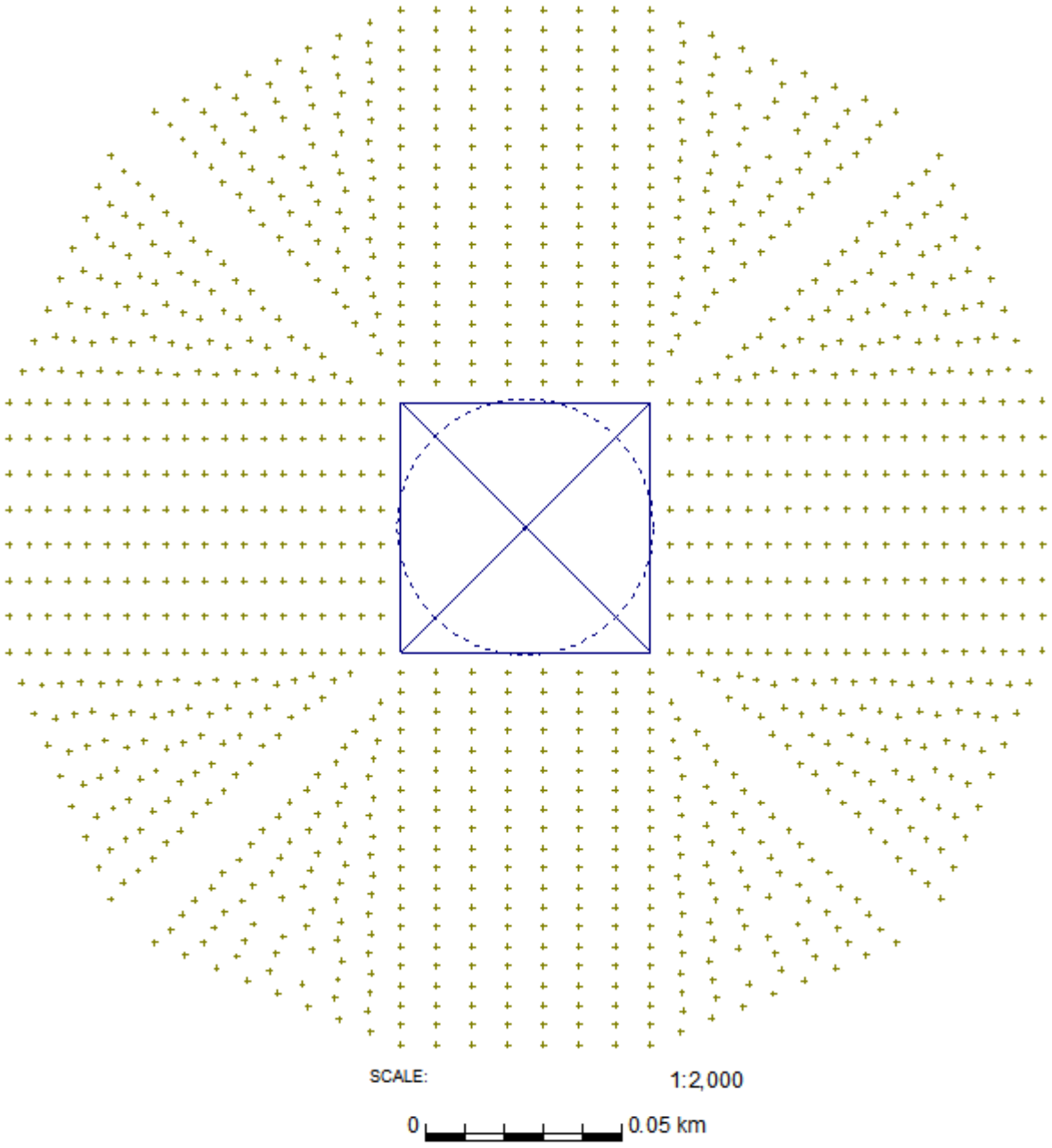
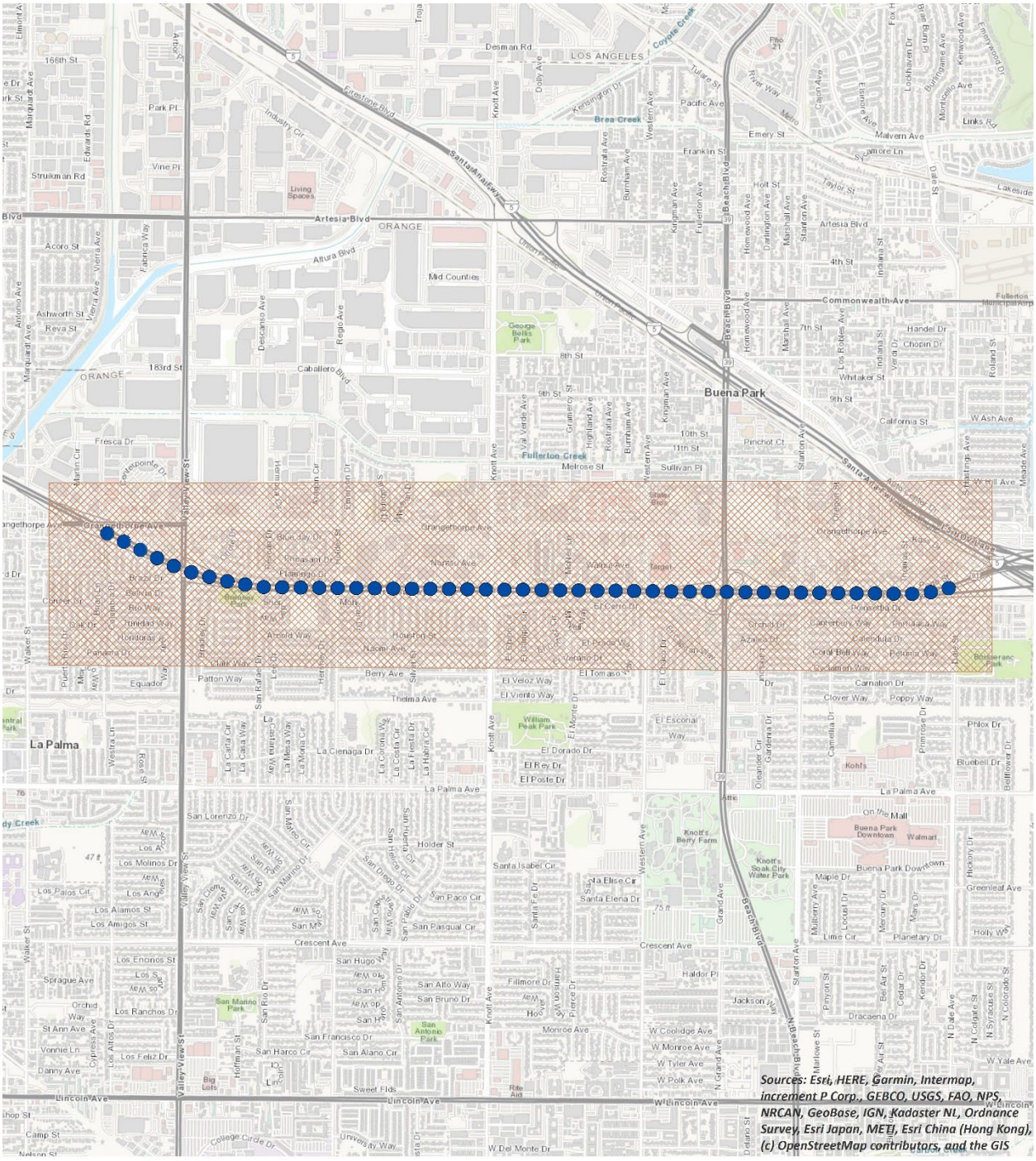


EXHIBIT 3-B: SOURCE RECEPTOR GRID NETWORK (I-5)



EXHIBIT 3-C: SOURCE RECEPTOR GRID NETWORK (CA-91)



4 RISK CHARACTERIZATION

4.1 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than ten in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (6), for purposes of this analysis, ten (10) in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 1 in a million implies a likelihood that up to one person, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time. This risk would be an excess cancer risk that is in addition to any cancer risk borne by a person not exposed to these air toxics.

Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying the chemical's annual concentration by its unit risk factor (URF). The URF is a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It represents an upper bound estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu g/m^3$) over a 70-year lifetime. The URFs utilized in the assessment and corresponding cancer potency factors were obtained from the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values*.

Notwithstanding, it is the intent of the HRA to provide cumulative risk estimates from near-field on-road sources that are reflective of anticipated exposures experienced at a given residential occupancy. As such, a review of relevant guidance was conducted to determine applicability of the use of early life exposure adjustments to identified carcinogens. For risk assessments conducted under the auspices of The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, Connelly, Statutes of 1987; Health and Safety Code Section 44300 et seq.) a weighting factor is applied to all carcinogens regardless of purported mechanism of action. However, for this assessment, the HRA relied upon U.S. Environmental Protection Agency guidance relating to the use of early life exposure adjustment factors (Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F) whereby adjustment factors are only considered when carcinogens act "through the mutagenic mode of action." A mutagen is a physical or chemical agent that changes genetic material, such as DNA, increasing the frequency of mutations to produce carcinogenic effects. The U.S. Environmental Protection

Agency has identified 19 compounds that elicit a mutagenic mode of action for carcinogenesis. None of the gaseous compounds considered in the HRA elicit a mutagenic mode of action and, therefore, early life exposure adjustments were not considered. For diesel particulates, polycyclic aromatic hydrocarbons (PAHs) and their derivatives, which are known to exhibit a mutagenic mode of action, comprise < 1% of the exhaust particulate mass. To date, the U.S. Environmental Agency reports that whole diesel engine exhaust has not been shown to elicit a mutagenic mode of action.

Accordingly, the health risks to children were not underestimated in the Health Risks Assessment. As discussed, the use of age-weighted factors is not required because none of the gaseous compounds considered in the HRA elicit a primary mutagenic mode of action and none of the pollutants considered are listed by the EPA as having a primary mutagenic mode of action. Therefore, early life exposure adjustments were not considered in accordance with U.S. EPA guidance relating to the use of early life exposure adjustment factors. This analysis appropriately accounts for potential health risk to future residents at the project site.

To effectively quantify dose, the procedure requires the incorporation of several discrete exposure variates. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, to assess exposures associated with the proposed residential population, the following dose algorithm was utilized.

$$CDI = (C_{air} \times EF \times ED \times IR) / (BW \times AT)$$

Where:

CDI = chronic daily intake (mg/kg/day)

C_{air} = concentration of contaminant in air (mg/m^3)

EF = exposure frequency (days/year)

ED = exposure duration (years)

IR = inhalation rate (m^3/day)

BW = body weight (kg)

AT = averaging time (days)

To represent residential exposures, the assessment employed the U.S. Environmental Protection Agency's guidance to develop viable dose estimates based on reasonable maximum exposures (RME). Specifically, activity patterns for population mobility recommended by the U.S. Environmental Protection Agency and presented in the *Exposure Factors Handbook* were utilized. As a result, lifetime risk values for residents were adjusted to account for an exposure duration of 350 days per year for 30 years (i.e., 95th percentile). These values are consistent with the California Environmental Quality Act which considers the evaluation of environmental effects of proposed projects in a manner that reflects both reasonable and feasible assumptions. For body

weight and inhalation, the assessment employed average adult values of 70 kilograms and 20 cubic meters per day, respectively.

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the OEHHA guidance document entitled Air Toxic Hot Spots Program Risk Assessment Guidelines, Part IV: Technical Support Document for Exposure Assessment and Stochastic Analysis (7) and guidance from SCAQMD.

Tables 4-1 and 4-2 summarize the exposure parameters for Residents for construction and operation, respectively. Appendix 4.1 includes the detailed emissions and risk calculation outputs. (8)

TABLE 4-1: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)

Scenario	Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
1-Acre	0 to 2	1,090	10	0.95	1.00	250	8
2-Acre	0 to 2	1,090	10	1.04	1.00	260	8
3-Acre	0 to 2	1,090	10	1.16	1.00	260	8
4-Acre	0 to 2	1,090	10	1.16	1.00	260	8
5-Acre	0 to 2	1,090	10	1.24	1.00	260	8

TABLE 4-2: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1,090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

4.2 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncancerous effects of contaminant exposures was also conducted. Under the point estimate approach, adverse health effects are evaluated by comparing the concentration of each compound with the appropriate Reference Exposure Level (REL). Available RELs presented in the *Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values were considered in the assessment.*

To quantify noncarcinogenic impacts, the hazard index approach was used. The hazard index assumes that subthreshold exposures adversely affect a specific organ or organ system (i.e.,

toxicological endpoint). For each discrete pollutant exposure, target organs presented in regulatory guidance were utilized.

To calculate the hazard index, the pollutant concentration or dose is divided by the appropriate toxicity value. For compounds affecting the same toxicological endpoint, this ratio is summed. Where the total equals or exceeds one (i.e., unity), a health hazard is presumed to exist. For chronic exposures, RELs were converted to units expressed in mg/kg/day to accommodate the above referenced intake algorithm. To assess acute noncancer impacts, the maximum pollutant concentration is divided by the REL for the corresponding averaging time (e.g., 1-hour). No exposure adjustments are considered for short duration exposures.

Appendix 5.1 summarizes the RELs and corresponding reference dose values used in the evaluation of chronic noncarcinogenic and acute exposures. The noncancer hazard quotient for identified compounds generated from each source and a summation for each toxicological endpoint are presented on this table.

For chronic noncarcinogenic effects, the hazard index identified for each toxicological endpoint totaled less than the threshold of 1.0 for all exposure scenarios. For acute exposures, the hazard indices for the identified averaging times did not exceed the threshold of 1.0. Therefore, acute and chronic non-carcinogenic hazards were predicted to be within acceptable limits and are less than significant.

4.3 POTENTIAL CANCER AND NON-CANCER RISKS

For carcinogenic exposures the summation of risk for the maximum exposed residential receptor totaled 2.53 in one million, which does not exceed the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be less than 1.0 for all toxicological endpoints.

4.4 CRITERIA POLLUTANT EXPOSURES

The State of California has promulgated strict ambient air quality standards for various pollutants. These standards were established to safeguard the public's health and welfare with specific emphasis on protecting those individuals susceptible to respiratory distress, such as asthmatics, the young, the elderly and those with existing conditions which may be affected by increased pollutant concentrations. However, recent research has shown that unhealthful respiratory responses occur with exposures to pollutants at levels that only marginally exceed clean air standards. Table 4-3 presents the CAAQS for the criteria pollutants considered in the assessment.

Pollutant emissions are considered to have a significant effect on the environment if they result in concentrations that create either a violation of an ambient air quality standard, contribute to an existing air quality violation or expose sensitive receptors to substantive pollutant concentrations. Should ambient air quality already exceed existing standards, the SCAQMD has established significance criteria for selected compounds to account for the continued degradation of local air quality. Background concentrations are based upon the highest observed value for the most recent three-year period.

For PM_{10} emissions, background concentrations representative of the project area exceed the CAAQS for the 24-hour and annual averaging times. As a result, a significant impact is achieved when pollutant concentrations produce a measurable change over existing background levels. Although background concentrations exceed the CAAQS annual averaging time for fine particulates, no measurable change criteria currently exists. As a result, the SCAQMD significance threshold of 2.5 $\mu g/m^3$ for the 24-hour averaging time is used to assess $PM_{2.5}$ impacts.

For the CO 1 and 8-hour averaging times and NO_2 1-hour averaging time, background concentrations are below the current air quality standards. As such, significance is achieved when pollutant concentrations add to existing levels and create an exceedance of the CAAQS. Table 4-4 shows the pollutant concentrations collected at the nearest available monitoring site to the Project for the last three years of available data. Table 4-5 outlines the relevant significance thresholds considered to affect local air quality.

TABLE 4-3: CALIFORNIA AMBIENT AIR QUALITY STANDARDS

Pollutant	Standard	Health Effects
Particulates (PM_{10})	>50 $\mu g/m^3$ (24 hr avg.) >20 $\mu g/m^3$ (Annual)	1) Excess deaths from short-term exposures and the exacerbation of symptoms in sensitive individuals with respiratory disease. 2) Excess seasonal declines in pulmonary function especially in children.
Particulates ($PM_{2.5}$)	>12 $\mu g/m^3$ (Annual)	1) Excess deaths and illness from long-term exposures and the exacerbation of symptoms in sensitive individuals with respiratory and cardiopulmonary disease.
Carbon Monoxide (CO)	>9.0 ppm (8 hr avg.) >20.0 ppm (1 hr avg.)	1) Aggravation of angina pectoris and other aspects of coronary heart disease. 2) Decreased exercise tolerance in persons with peripheral vascular disease and lung disease. 3) Impairment of central nervous system functions. 4) Possible increased risk to fetuses.
Nitrogen Dioxide (NO_2)	>0.18 ppm (1 hr avg.)	1) Potential to aggravate chronic respiratory disease and respiratory symptoms in sensitive groups. 2) Risk to public health implied by pulmonary and extra-pulmonary biochemical and cellular changes and pulmonary structural changes.

Abbreviations: ppm: parts per million; $\mu g/m^3$: micrograms per cubic meter.
Source: California Code of Regulations, Title 17, Section 70200.

TABLE 4-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2019-2021[2]

Pollutant/ Averaging Time	Year			
	2019	2020	2021	Maximum
Particulates (PM_{10})				
24-Hour	127	120	115	127
Particulates ($PM_{2.5}$)				
24-Hour	36.1	41.4	54.4	54.4
Carbon Monoxide (CO)				
1-Hour	2.6	2.1	2.3	2.6
8-Hour	1.2	1.2	1.3	1.3
Nitrogen Dioxide (NO_2)				
1-Hour	0.059	0.057	0.063	0.063

Note: PM_{10} and $PM_{2.5}$ concentrations are expressed in micrograms per cubic meter ($\mu g/m^3$). All others are expressed in parts per million (ppm).
Source: South Coast Air Quality Management District https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year

TABLE 4-5: SCAQMD AIR QUALITY SIGNIFICANCE THRESHOLDS

Pollutant	Averaging Time	Pollutant Concentration
Particulates (PM_{10}) Particulates ($PM_{2.5}$)	24-Hours	2.5 $\mu g/m^3$ (operation)
Particulates (PM_{10})	Annual	1.0 $\mu g/m^3$
Carbon Monoxide (CO)	1/8-Hours	SCAQMD is in attainment; impacts are significant if they cause or contribute to an exceedance of the following attainment standards 20 ppm (1-hour) and 9 ppm (8-hour).
Nitrogen Dioxide (NO_2)	1-Hour	SCAQMD is in attainment; impacts are significant if they cause or contribute to an exceedance of the following attainment standard 0.18 ppm.

Abbreviations: ppm: parts per million; $\mu g/m^3$: micrograms per cubic meter
Source: South Coast Air Quality Management District.

[2] CO, and NO_2 data obtained from the SRA16 monitoring station. PM_{10} and $PM_{2.5}$ data obtained from the SRA 17 monitoring station.

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5 FINDINGS AND RECOMMENDATIONS

5.1 CONSTRUCTION ANALYSIS

Table 5-1 summarizes the cancer and non-cancer risks associated with each of the five construction scenarios analyzed at a distance of 5 meters (16 feet) and assumes the use of CARB Tier 4 Final or better offroad construction equipment. The results of the analysis indicate that under each construction scenario evaluated (1, 2, 3, 4, and 5-acre construction sites), significant health risk impacts would not occur for sensitive receptors located within 5 meters (16 feet) of construction activities with the use of construction equipment that meets or exceeds CARB Tier 4 Final emission standards. A site-specific health risk analysis is recommended under the following circumstances:

- Projects where construction activities would occur over an area greater than 5 acres at any given time;
- Projects where sensitive receptors are located less than 5 meters (16 feet) from construction activities;
- Construction activities where all equipment does not meet at least CARB Tier 4 Final emission standards; or
- Projects for which the expected duration or equipment mix would differ significantly from those detailed in Section 2.1 of this report.

TABLE 5-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS

Scenario	Maximum Lifetime Cancer Risk (Risk per Million)	Maximum Hazard Index
1-Acre	1.99	≤ 0.01
2-Acre	2.17	≤ 0.01
3-Acre	2.12	≤ 0.01
4-Acre	1.62	≤ 0.01
5-Acre	1.51	≤ 0.01
SCAQMD Significance Threshold	10	1.0
Threshold Exceeded?	NO	NO

5.2 FREEWAY ANALYSIS

The analysis evaluated potential health risks resulting from exposure to pollutants emitted by vehicles traveling on I-5 and CA-91. Table 5-2 summarizes the results of the analysis at a distance of 137 meters (450 feet) from the traveled roadway. The results of the analysis indicate that significant health risks would not occur for sensitive receptors at distances greater than 450 feet

from the traveled roadway, with implementation of Minimum Efficiency Reporting Value (MERV) 13 or better air filtration systems. Projects that would place sensitive receptors nearer than 450 feet from I-5 or CA-91 may require additional site-specific analysis.

TABLE 5-2: SUMMARY OF FREEWAY CANCER AND NON-CANCER RISKS

Scenario	Maximum Lifetime Cancer Risk (Risk per Million)	Maximum Hazard Index
I-5	6.52	≤ 0.01
CA-91	8.70	≤ 0.01
SCAQMD Significance Threshold	10	1.0
Threshold Exceeded?	NO	NO

Table 5-3 presents modeled concentrations of CO, N_2O, PM_{10}, and $PM_{2.5}$ for residents located 450 feet from the traveled roadway. As shown below, pollutant concentrations would not exceed SCAQMD significance thresholds for any of these pollutants.

TABLE 5-3: SUMMARY OF CRITERIA POLLUTANT CONCENTRATIONS

Scenario	CO (ppm)		NO_2 (ppm)	PM_{10} (µg/m³)	$PM_{2.5}$ (µg/m³)
	1-Hour	8-Hour	1-Hour	24-Hour	24-Hour
I-5	0.03	0.02	0.002	0.07	0.04
CA-91	0.04	0.04	0.002	0.10	0.05
Background Concentration	2.6	1.3	0.063		
Maximum Total Concentration	2.64	1.34	0.065	0.10	0.05
SCAQMD Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	NO	NO	NO	NO	NO

Based on these findings, it is recommended that residential projects be sited such that residences are located at least 450 feet from the traveled roadway of the I-5 or CA-91 freeways. Additionally, as required by the California Building Energy Efficiency Standards (Title 24, Part 6 CCR), it is recommended that all residential projects be required to install air filtration systems with efficiencies equal to or exceeding a MERV 13 as defined by the ASHRAE Standard 52.2. (1)[3]. A site-specific HRA may be required for projects located nearer than 450 feet from the traveled roadway of I-5 or CA-91 or for projects not requiring the installation of MERV 13 or better air filtration systems.

3 The use of MERV filtration systems to reduce DPM and particulates has been successfully implemented by several lead agencies, including, but not limited to: City of Los Angeles, City of Claremont, City of Irvine, City of Glendale, City of Berkley, City of Oakland, and the Los Angeles Unified School District (LAUSD). The average particle size efficiency (PSE) removal for MERV 13 as defined by the 2019 Title 24 standards is approximately 50% for 0.3 to 1.0 µg/m³ (DPM), 85% for 1.0 to 3.0 µg/m³ ($PM_{2.5}$), and 90% for 3.0 to 10.0 µg/m³ (PM_{10}) (2).

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7 CERTIFICATION

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Buena Park General Plan & Zoning Code Update Project. The information contained in this health risk assessment is based on the best available data at the time of preparation. If you have any questions, please contact me directly at (949) 660-1994.

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AEP – Association of Environmental Professionals
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June, 2013
Planned Communities and Urban Infill – Urban Land Institute • June, 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April, 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August, 2007
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APPENDIX 1.1:

MERV FILTER EFFICIENCY

TECH TIPS

Sales and Marketing Information on Airguard Air Filtration Products

ASHRAE Standard 52.2 Explained

ASHRAE Efficiency Ratings Provide New Method Of Measuring Filter Performance

The new ASHRAE Standard 52.2 provides the first industry accepted procedure for measuring filter efficiency by particle size.

The need for a more precise measurement of a filter's ability to remove specific particle sizes has become more critical as concern over indoor air quality, respirable particles, as well as protection of products and processes, has continued to grow.

Standard 52.2 Supplements Standard 52.1

Standard 52.2 is not intended to be a replacement for standard 52.1. Both will continue to be relied upon as the industry accepted measures of filter performance. The arrestance and dust holding capacity data provided by Standard 52.1 will remain as valuable performance characteristics. However, it is anticipated that as the fractional efficiency test (52.2) becomes more widely understood and accepted, the atomspheric dust spot efficiency test (52.1) will no longer be utilized.

Particle Size Ranges

The 52.2 procedure calls for efficiency measurements to be taken on twelve (12) particle size ranges. (See example to right.)

For reporting and rating purposes, these twelve (12) ranges are grouped into three (3) wider ranges:

E_1 - 0.3 - 1.0 Microns

E_2 - 1.0 - 3.0 Microns

E_3 - 3.0 - 10.0 Microns

Standard 52.2 Test Procedure

Efficiency measurements are taken on each of the twelve (12) particle size ranges at six (6) different points during the test:

Clean (after (4) increments of dust loading).

After the final resistance has been reached.

Standard synthetic ASHRAE dust, comprised of 72% SAE standard J726 test dust (fine), 23% powdered carbon, and 5% milled cotton linters is used to load the filter in five (5) equal increments.

The six (6) efficiency measurements for each of the twelve (12) particle size ranges (72 total efficiency measurements) are taken by challenging the filter with potassium chloride (KCI) particles. This test aerosol provides particles over the entire range of 0.3 to 10.0 microns required by the test procedure.

The lowest efficiency value (of the six (6) measurements taken throughout the test) for each of the twelve (12) particle size ranges is recorded. (Note: The six (6) readings for each particle size range are not averaged. The lowest efficiency value is used.)

The twelve (12) readings are grouped into the three (3) wider ranges (E_1,E_2,E_3).

These values are then averaged to provide an average Particle Size Efficiency (PSE) for each range. The PSE values are used to classify the filter into one of the sixteen (16) Minimum Efficiency Reporting Value (MERV) Ratings.

Standard Test Air Flow Rates

Standard 52.2 prescribes that the tests are to be run at one of seven (7) air flow rates:

118 FPM (.60 m/s)

246 FPM (1.25 m/s)

295 FPM (1.50 m/s)

374 FPM (1.90 m/s)

492 FPM (2.50 m/s)

630 FPM (3.20 m/s)

748 FPM (3.80 m/s)

Example: MERV-14 Rating (see back for MERV Rating Schedule.)

Particle Size Range (Microns)	Lowest Efficiency (%) (based on 6 readings over life of test)	Average Particle Size Efficiency (PSE)
.30 - .40	74%	84% (E_1)
.40 - .55	82%	
.55 - .70	87%	
.70 - 1.0	92%	
1.0 - 1.3	96%	98% (E_2)
1.3 - 1.6	98%	
1.6 - 2.2	99%	
2.2 - 3.0	100%	
3.0 - 4.0	100%	100% (E_3)
4.0 - 5.5	100%	
5.5 - 7.0	100%	
7.0 - 10.0	100%	

To determine the MERV Rating, start with the PSE value for E_1, then E_2. then E_3 to arrive at the proper rating:

E_1 is 84%: Therefore the maximum rating would be MERV-14.

E_2 and E_3 both exceed 90%: therefore the filter receives an MERV-14 Rating.

AIRGUARD®

Tech Tips

Sales and Marketing Information on Airguard Air Filtration Products

Minimum Efficiency Reporting Values (MERV)
ASHRAE Standard 52.2

Group Number	MERV Rating	E_1 Average Particle Size Efficiency (PSE) 0.3 - 1.0 Microns	E_2 Average Particle Size Efficiency (PSE) 1.0 - 3.0 Microns	E_3 Average Particle Size Efficiency (PSE) 3.0 - 10.0 Microns	Average Arrestance (ASHRAE 52.1)	Minimum Final Resistance (In. W.G.)
1	MERV 1	-	-	Less than 20%	Less than 65%	0.3"
	MERV 2	-	-	Less than 20%	65 - 69.9%	0.3"
	MERV 3	-	-	Less than 20%	70 - 74.9%	0.3"
	MERV 4	-	-	Less than 20%	75% or greater	0.3"
2	MERV 5	-	-	20 - 34.9%	-	0.6"
	MERV 6	-	-	35 - 49.9%	-	0.6"
	MERV 7	-	-	50 - 69.9%	-	0.6"
	MERV 8	-	-	70 - 84.9%	-	0.6"
3	MERV 9	-	Less than 50%	85% or greater	-	1.0"
	MERV 10	-	50% - 64.9%	85% or greater	-	1.0"
	MERV 11	-	65% - 79.9%	85% or greater	-	1.0"
	MERV 12	-	80% - 89.9%	90% or greater	-	1.0"
4	MERV 13	Less than 75%	90% or greater	90% or greater	-	1.4"
	MERV 14	75% - 84.9%	90% or greater	90% or greater	-	1.4"
	MERV 15	85% - 94.9%	90% or greater	90% or greater	-	1.4"
	MERV 16	95% or Greater	95% or greater	95% or greater	-	1.4"

Notes:

1. ASHRAE Standard 52.2 tests are to be conducted at one of seven (7) air flow rates:

   118 FPM (.60 m/s)
   246 FPM (1.25 m/s)
   295 FPM (1.50 m/s)
   374 FPM (1.90 m/s)
   492 FPM (2.50 m/s)
   630 FPM (3.20 m/s)
   748 FPM (3.80 m/s)

2. The air flow rate at which the filter was tested is included in the MERV rating (MERV-10 @2.5 m/s).

3. Filters with an E_3 efficiency of less than 20% (MERV-1 through MERV-4) must also be tested for arrestance per ASHRAE Standard 52.1.

4. Final resistance must be at least twice the initial resistance at the test air flow rate, or the values shown in the table above, whichever is greater.

A-TT52.2-308

AIRGUARD®

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APPENDIX 2.1:

CALEEMOD OUTPUTS – 1-ACRE SCENARIO

14635 Construction 1ac Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Paving (2024) - Unmitigated

3.11. Architectural Coating (2024) - Unmitigated

4. Operations Emissions Details

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

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 1ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.87173427834638, -117.99655165358445
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	3.00	Dwelling Unit	1.00	5,850	35,139	—	9.00	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	0.13	0.13	0.66	8.17	0.01	0.02	0.02	0.04	0.02	< 0.005	0.03	—	1,330	1,330	0.05	0.01	0.09	1,335
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	3.68	1.51	10.2	0.02	0.03	1.48	1.51	0.03	0.69	0.72	—	1,810	1,810	0.07	0.02	0.03	1,817
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.09	0.18	0.50	5.14	0.01	0.02	0.04	0.06	0.02	0.01	0.03	—	840	840	0.03	0.01	0.05	843
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.02	0.03	0.09	0.94	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	139	139	0.01	< 0.005	0.01	140

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.13	0.13	0.66	8.17	0.01	0.02	0.02	0.04	0.02	< 0.005	0.03	—	1,330	1,330	0.05	0.01	0.09	1,335
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	3.68	1.51	10.2	0.02	0.03	1.48	1.51	0.03	0.69	0.72	—	1,810	1,810	0.07	0.02	0.03	1,817
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.09	0.18	0.50	5.14	0.01	0.02	0.04	0.06	0.02	0.01	0.03	—	840	840	0.03	0.01	0.05	843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.02	0.03	0.09	0.94	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	139	139	0.01	< 0.005	0.01	140

3. Construction Emissions Details

3.1. Demolition (2024) - 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	0.10	0.10	1.47	5.63	0.01	0.02	—	0.02	0.02	—	0.02	—	852	852	0.03	0.01	—	855
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	0.01	0.01	0.08	0.31	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.7	46.7	< 0.005	< 0.005	—	46.9
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.73	7.73	< 0.005	< 0.005	—	7.76
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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. Site Preparation (2024) - 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	0.08	0.08	0.42	5.99	0.01	0.02	—	0.02	0.02	—	0.02	—	858	858	0.03	0.01	—	861
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.70	4.70	< 0.005	< 0.005	—	4.72
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.78	0.78	< 0.005	< 0.005	—	0.78

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.5	64.5	< 0.005	< 0.005	0.01	65.2
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
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	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
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. Grading (2024) - 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	0.16	0.16	0.84	9.79	0.02	0.03	—	0.03	0.03	—	0.03	—	1,713	1,713	0.07	0.01	—	1,719
Dust From Material Movement	—	—	—	—	—	—	1.38	1.38	—	0.67	0.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.01	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.8	18.8	< 0.005	< 0.005	—	18.8
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.11	3.11	< 0.005	< 0.005	—	3.12
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.7	96.7	< 0.005	< 0.005	0.01	97.9
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
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	—	1.07	1.07	< 0.005	< 0.005	< 0.005	1.09
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.18
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. Building Construction (2024) - 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	0.12	0.12	0.64	8.10	0.01	0.02	—	0.02	0.02	—	0.02	—	1,305	1,305	0.05	0.01	—	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.12	0.64	8.10	0.01	0.02	—	0.02	0.02	—	0.02	—	1,305	1,305	0.05	0.01	—	1,309
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.07	0.07	0.35	4.44	0.01	0.01	—	0.01	0.01	—	0.01	—	715	715	0.03	0.01	—	717
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	118	118	< 0.005	< 0.005	—	119
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	0.06	14.9
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.03	10.9
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.9	13.9	< 0.005	< 0.005	< 0.005	14.1
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	< 0.005	10.8
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	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.74	7.74	< 0.005	< 0.005	0.01	7.84
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.69	5.69	< 0.005	< 0.005	0.01	5.94
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	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.30
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.94	0.94	< 0.005	< 0.005	< 0.005	0.98
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. Paving (2024) - 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	0.07	0.07	0.84	4.58	0.01	0.01	—	0.01	0.01	—	0.01	—	823	823	0.03	0.01	—	826
Paving	—	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	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.6
Paving	—	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	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.73	3.73	< 0.005	< 0.005	—	3.75
Paving	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.91	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	226	226	< 0.005	0.01	0.03	228
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	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.27	6.27	< 0.005	< 0.005	0.01	6.35
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.05
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. Architectural Coating (2024) - 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	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	3.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	—	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	2.82
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.01	0.01	< 0.005	< 0.005	< 0.005	0.01
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

4.10. 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/1/2024	5.00	2.00	—
Grading	Grading	2/2/2024	2/7/2024	5.00	4.00	—
Building Construction	Building Construction	2/8/2024	11/14/2024	5.00	200	—
Paving	Paving	11/15/2024	11/29/2024	5.00	10.0	—
Architectural Coating	Architectural Coating	11/30/2024	12/14/2024	5.00	10.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	1.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	6.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	6.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	6.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	4.00	367	0.29

Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	6.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	4.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	7.00	81.0	0.42
Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	7.50	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT

Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	1.08	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.32	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	17.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.22	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	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

Phase Name	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)
Architectural Coating	11,846	3,949	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	1.00	0.00	—
Grading	—	—	3.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.03

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

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.03	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
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	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	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	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
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	1	1	1	2

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	48.5
AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3
Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6

Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816
Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707

Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5
Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3

Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—

2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

Screen	Justification
Land Use	1 acre construction scenario
Construction: Off-Road Equipment	Tier 4 Equipment

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APPENDIX 2.2:

CALEEMOD OUTPUTS – 2-ACRE SCENARIO

14635 Construction 2ac Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Paving (2024) - Unmitigated

3.11. Paving (2025) - Unmitigated

3.13. Architectural Coating (2025) - Unmitigated

4. Operations Emissions Details

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

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 2ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.87100434009653, -117.99640855361734
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	6.00	Dwelling Unit	2.00	11,700	70,277	—	18.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	0.21	0.21	3.57	10.6	0.02	0.03	0.03	0.07	0.03	0.01	0.04	—	1,851	1,851	0.07	0.02	0.18	1,859
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.30	7.32	3.57	15.2	0.02	0.05	1.97	2.02	0.05	0.92	0.97	—	2,655	2,655	0.10	0.03	0.02	2,665
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.20	2.34	7.83	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,362	1,362	0.05	0.01	0.08	1,367
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.04	0.43	1.43	< 0.005	< 0.005	0.01	0.02	< 0.005	0.01	0.01	—	225	225	0.01	< 0.005	0.01	226

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.21	0.21	3.57	10.6	0.02	0.03	0.03	0.07	0.03	0.01	0.04	—	1,851	1,851	0.07	0.02	0.18	1,859
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.30	0.30	3.57	15.2	0.02	0.05	1.97	2.02	0.05	0.92	0.97	—	2,655	2,655	0.10	0.03	0.02	2,665
2025	0.18	7.32	1.19	9.40	0.01	0.02	0.20	0.22	0.02	0.05	0.07	—	1,472	1,472	0.05	0.02	0.02	1,478
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.15	2.34	7.83	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,362	1,362	0.05	0.01	0.08	1,367
2025	< 0.005	0.20	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.04	3.04	< 0.005	< 0.005	< 0.005	3.05
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.03	0.03	0.43	1.43	< 0.005	< 0.005	0.01	0.02	< 0.005	0.01	0.01	—	225	225	0.01	< 0.005	0.01	226
2025	< 0.005	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.51

3. Construction Emissions Details

3.1. Demolition (2024) - 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	0.25	0.25	2.27	14.6	0.02	0.05	—	0.05	0.05	—	0.05	—	2,494	2,494	0.10	0.02	—	2,502
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	0.01	0.01	0.12	0.80	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	137	137	0.01	< 0.005	—	137
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.6	22.6	< 0.005	< 0.005	—	22.7
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.05	0.65	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	161	161	< 0.005	0.01	0.02	163
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	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.95	8.95	< 0.005	< 0.005	0.02	9.07
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	—	1.48	1.48	< 0.005	< 0.005	< 0.005	1.50
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. Site Preparation (2024) - 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	0.19	0.19	1.01	11.9	0.02	0.04	—	0.04	0.04	—	0.04	—	2,064	2,064	0.08	0.02	—	2,071
Dust From Material Movement	—	—	—	—	—	—	1.63	1.63	—	0.78	0.78	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.01	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.0
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.81	2.81	< 0.005	< 0.005	—	2.82
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.7	96.7	< 0.005	< 0.005	0.01	97.9
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
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	—	0.81	0.81	< 0.005	< 0.005	< 0.005	0.82
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.14
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. Grading (2024) - 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	0.23	0.23	1.20	14.2	0.02	0.05	—	0.05	0.05	—	0.05	—	2,454	2,454	0.10	0.02	—	2,462
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.02	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.3	40.3	< 0.005	< 0.005	—	40.5
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.68	6.68	< 0.005	< 0.005	—	6.70
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
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. Building Construction (2024) - 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	0.20	0.20	3.54	10.5	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.20	0.20	3.54	10.5	0.02	0.03	—	0.03	0.03	—	0.03	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.12	2.13	6.31	0.01	0.02	—	0.02	0.02	—	0.02	—	1,086	1,086	0.04	0.01	—	1,089
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.39	1.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	180	180	0.01	< 0.005	—	180
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.12	29.7
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20.8	20.8	< 0.005	< 0.005	0.06	21.7
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.9	27.9	< 0.005	< 0.005	< 0.005	28.2
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	20.8	20.8	< 0.005	< 0.005	< 0.005	21.7
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

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.0	17.0	< 0.005	< 0.005	0.03	17.2
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.5	12.5	< 0.005	< 0.005	0.01	13.1
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	—	2.82	2.82	< 0.005	< 0.005	0.01	2.86
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.07	2.07	< 0.005	< 0.005	< 0.005	2.16
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. Paving (2024) - 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	0.12	0.12	1.13	8.68	0.01	0.02	—	0.02	0.02	—	0.02	—	1,282	1,282	0.05	0.01	—	1,287
Paving	—	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	< 0.005	< 0.005	0.03	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	35.1	35.1	< 0.005	< 0.005	—	35.3
Paving	—	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	< 0.005	< 0.005	0.01	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.82	5.82	< 0.005	< 0.005	—	5.84
Paving	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.78	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.02	196
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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.37	5.37	< 0.005	< 0.005	0.01	5.44
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	< 0.005	0.90
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. Paving (2025) - 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	0.12	0.12	1.13	8.68	0.01	0.02	—	0.02	0.02	—	0.02	—	1,282	1,282	0.05	0.01	—	1,287
Paving	—	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	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.51	2.51	< 0.005	< 0.005	—	2.52
Paving	—	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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.42	0.42	< 0.005	< 0.005	—	0.42
Paving	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.38	0.38	< 0.005	< 0.005	< 0.005	0.38
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
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. Architectural Coating (2025) - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	7.32	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.46	5.46	< 0.005	< 0.005	< 0.005	5.52
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	< 0.005	< 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	0.15
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	< 0.005	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	0.00	0.00	0.00	0.00	0.00	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

4.10. 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/3/2024	5.00	3.00	—
Grading	Grading	2/4/2024	2/12/2024	5.00	6.00	—
Building Construction	Building Construction	2/13/2024	12/17/2024	5.00	220	—
Paving	Paving	12/18/2024	1/1/2025	5.00	10.0	—
Architectural Coating	Architectural Coating	1/2/2025	1/16/2025	5.00	10.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73

Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	7.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	1.00	6.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	1.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—

Demolition	Worker	12.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	2.16	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.64	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.43	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT

Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	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

Phase Name	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)
Architectural Coating	23,693	7,898	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	2.81	0.00	—
Grading	—	—	6.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.07

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

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.07	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
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	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	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	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
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	1	1	1	2

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	48.5

AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3
Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816
Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—

Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5
Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4

Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

Screen	Justification
Land Use	2 acre construction scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 2 acre example

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APPENDIX 2.3:

CALEEMOD OUTPUTS – 3-ACRE SCENARIO

14635 Construction 3ac Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Building Construction (2025) - Unmitigated

3.11. Paving (2025) - Unmitigated

3.13. Architectural Coating (2025) - Unmitigated

4. Operations Emissions Details

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

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 3ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.871046876798005, -117.9963514946355
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	9.00	Dwelling Unit	3.00	17,550	105,416	—	27.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	0.25	0.25	3.78	13.0	0.02	0.04	0.05	0.09	0.04	0.01	0.05	—	2,276	2,276	0.09	0.02	0.26	2,286
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.46	6.10	3.79	23.6	0.04	0.08	0.80	0.89	0.08	0.10	0.19	—	4,559	4,559	0.18	0.04	0.02	4,576
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.18	0.31	2.53	9.42	0.02	0.03	0.06	0.09	0.03	0.01	0.04	—	1,663	1,663	0.07	0.02	0.09	1,670
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.06	0.46	1.72	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	275	275	0.01	< 0.005	0.02	276

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.25	0.25	3.78	13.0	0.02	0.04	0.05	0.09	0.04	0.01	0.05	—	2,276	2,276	0.09	0.02	0.26	2,286
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.46	0.46	3.79	23.6	0.04	0.08	0.80	0.89	0.08	0.10	0.19	—	4,559	4,559	0.18	0.04	0.01	4,576
2025	0.25	6.10	3.78	12.9	0.02	0.04	0.20	0.22	0.04	0.05	0.07	—	2,273	2,273	0.09	0.02	0.02	2,282
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.18	0.18	2.53	9.42	0.02	0.03	0.06	0.09	0.03	0.01	0.04	—	1,663	1,663	0.07	0.02	0.09	1,670
2025	0.01	0.31	0.13	0.60	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	96.2	96.2	< 0.005	< 0.005	0.02	96.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.03	0.03	0.46	1.72	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	275	275	0.01	< 0.005	0.02	276
2025	< 0.005	0.06	0.02	0.11	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	< 0.005	16.0

3. Construction Emissions Details

3.1. Demolition (2024) - 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	0.22	0.22	2.13	12.5	0.02	0.04	—	0.04	0.04	—	0.04	—	2,203	2,203	0.09	0.02	—	2,211
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	0.01	0.01	0.12	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	121	121	< 0.005	< 0.005	—	121
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	20.0	20.0	< 0.005	< 0.005	—	20.1
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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. Site Preparation (2024) - 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	0.42	0.42	2.18	23.1	0.04	0.08	—	0.08	0.08	—	0.08	—	4,430	4,430	0.18	0.04	—	4,445
Dust From Material Movement	—	—	—	—	—	—	0.67	0.67	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.03	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.7	60.7	< 0.005	< 0.005	—	60.9
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	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.0	10.0	< 0.005	< 0.005	—	10.1
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.79	1.79	< 0.005	< 0.005	< 0.005	1.81
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.30
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. Grading (2024) - 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	0.26	0.26	1.33	15.0	0.03	0.05	—	0.05	0.05	—	0.05	—	2,716	2,716	0.11	0.02	—	2,725
Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	59.5	59.5	< 0.005	< 0.005	—	59.7
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	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.85	9.85	< 0.005	< 0.005	—	9.89
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	96.7	96.7	< 0.005	< 0.005	0.01	97.9
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
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	—	2.15	2.15	< 0.005	< 0.005	< 0.005	2.18
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.36
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. Building Construction (2024) - 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	0.24	0.24	3.74	12.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,201	2,201	0.09	0.02	—	2,209

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.24	0.24	3.74	12.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.15	0.15	2.32	7.92	0.01	0.02	—	0.02	0.02	—	0.02	—	1,365	1,365	0.06	0.01	—	1,370
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.42	1.45	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	226	226	0.01	< 0.005	—	227
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.01	0.01	0.01	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.9	43.9	< 0.005	< 0.005	0.18	44.6
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.2	31.2	< 0.005	< 0.005	0.08	32.6
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	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.8	41.8	< 0.005	< 0.005	< 0.005	42.3
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.2	31.2	< 0.005	< 0.005	< 0.005	32.5
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	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.3	26.3	< 0.005	< 0.005	0.05	26.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.02	20.2
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.35	4.35	< 0.005	< 0.005	0.01	4.41
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.20	3.20	< 0.005	< 0.005	< 0.005	3.34
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. Building Construction (2025) - 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	0.24	0.24	3.74	12.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,201	2,201	0.09	0.02	—	2,209
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.04	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.8	25.8	< 0.005	< 0.005	—	25.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.28	4.28	< 0.005	< 0.005	—	4.29
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	40.9	40.9	< 0.005	< 0.005	< 0.005	41.4
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.7	30.7	< 0.005	< 0.005	< 0.005	32.0
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
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	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.36	0.36	< 0.005	< 0.005	< 0.005	0.38
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	—	0.08	0.08	< 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	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
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. Paving (2025) - 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	0.13	0.13	1.77	8.32	0.01	0.02	—	0.02	0.02	—	0.02	—	1,209	1,209	0.05	0.01	—	1,213
Paving	—	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	0.01	0.01	0.09	0.41	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	59.6	59.6	< 0.005	< 0.005	—	59.8
Paving	—	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	< 0.005	< 0.005	0.02	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.87	9.87	< 0.005	< 0.005	—	9.90
Paving	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
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	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.47	9.47	< 0.005	< 0.005	0.02	9.60
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	—	1.57	1.57	< 0.005	< 0.005	< 0.005	1.59
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. Architectural Coating (2025) - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	6.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.19	8.19	< 0.005	< 0.005	< 0.005	8.28
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.41	0.41	< 0.005	< 0.005	< 0.005	0.41
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
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

4.10. 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/6/2024	5.00	5.00	—
Grading	Grading	2/7/2024	2/18/2024	5.00	8.00	—
Building Construction	Building Construction	2/19/2024	1/6/2025	5.00	230	—
Paving	Paving	1/7/2025	2/1/2025	5.00	18.0	—
Architectural Coating	Architectural Coating	2/2/2025	2/27/2025	5.00	18.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	7.00	148	0.41

Site Preparation	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	4.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	7.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	3.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	1.00	3.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT

Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	10.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	7.50	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	3.24	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.96	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.65	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	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

Phase Name	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)
Architectural Coating	35,539	11,846	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	12.2	0.00	—
Grading	—	—	12.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.10

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

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.10	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
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	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	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	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
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	1	1	1	2

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	48.5
AQ-PM	80.9
AQ-DPM	91.5

Drinking Water	48.6
Lead Risk Housing	79.3
Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487

Employed	19.02989863
Median HI	38.2137816
Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8

Asthma ER Admissions	33.8
High Blood Pressure	83.5
Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4

Foreign-born	75.6
Outdoor Workers	33.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

Screen	Justification
Land Use	3 acre construction scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 3 acre example

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APPENDIX 2.4:

CALEEMOD OUTPUTS – 4-ACRE SCENARIO

14635 Construction 4ac Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Building Construction (2025) - Unmitigated

3.11. Paving (2025) - Unmitigated

3.13. Architectural Coating (2025) - Unmitigated

4. Operations Emissions Details

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

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 4ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.869446292272144, -117.99713638614779
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	12.0	Dwelling Unit	4.00	23,400	140,554	—	36.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	0.22	0.22	1.93	12.1	0.02	0.04	0.07	0.11	0.04	0.02	0.05	—	2,177	2,177	0.09	0.02	0.35	2,187
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.41	8.14	3.07	21.3	0.03	0.07	3.30	3.37	0.07	1.59	1.66	—	3,864	3,864	0.15	0.04	0.02	3,879
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	0.41	1.42	8.70	0.01	0.03	0.14	0.16	0.03	0.05	0.08	—	1,570	1,570	0.06	0.02	0.12	1,577
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.03	0.08	0.26	1.59	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	260	260	0.01	< 0.005	0.02	261

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.22	0.22	1.93	12.1	0.02	0.04	0.07	0.11	0.04	0.02	0.05	—	2,177	2,177	0.09	0.02	0.35	2,187
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.41	0.40	3.07	21.3	0.03	0.07	3.30	3.37	0.07	1.59	1.66	—	3,864	3,864	0.15	0.04	0.02	3,879
2025	0.22	8.14	1.93	12.0	0.02	0.04	0.20	0.22	0.04	0.05	0.07	—	2,172	2,172	0.09	0.02	0.02	2,182
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.16	0.16	1.42	8.70	0.01	0.03	0.14	0.16	0.03	0.05	0.08	—	1,570	1,570	0.06	0.02	0.12	1,577
2025	0.01	0.41	0.08	0.54	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	90.4	90.4	< 0.005	< 0.005	0.02	90.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.03	0.03	0.26	1.59	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	260	260	0.01	< 0.005	0.02	261
2025	< 0.005	0.08	0.01	0.10	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.0	15.0	< 0.005	< 0.005	< 0.005	15.0

3. Construction Emissions Details

3.1. Demolition (2024) - 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	0.21	0.21	3.02	10.2	0.02	0.03	—	0.03	0.03	—	0.03	—	1,875	1,875	0.08	0.02	—	1,882
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	0.01	0.01	0.17	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	103
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.1
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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. Site Preparation (2024) - 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	0.35	0.35	1.80	20.6	0.03	0.07	—	0.07	0.07	—	0.07	—	3,670	3,670	0.15	0.03	—	3,683
Dust From Material Movement	—	—	—	—	—	—	3.10	3.10	—	1.55	1.55	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.02	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.3	50.3	< 0.005	< 0.005	—	50.5
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.32	8.32	< 0.005	< 0.005	—	8.35
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.78	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.02	196
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	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.69	2.69	< 0.005	< 0.005	< 0.005	2.72
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.45
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. Grading (2024) - 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	0.24	0.24	1.24	14.7	0.02	0.05	—	0.05	0.05	—	0.05	—	2,526	2,526	0.10	0.02	—	2,535
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.03	0.32	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.4	55.4	< 0.005	< 0.005	—	55.6
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.17	9.17	< 0.005	< 0.005	—	9.20
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.87	2.87	< 0.005	< 0.005	0.01	2.90
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	< 0.005	0.48
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. Building Construction (2024) - 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	0.20	0.20	1.87	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,077	2,077	0.08	0.02	—	2,084

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.20	0.20	1.87	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,077	2,077	0.08	0.02	—	2,084
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.12	1.16	7.32	0.01	0.02	—	0.02	0.02	—	0.02	—	1,288	1,288	0.05	0.01	—	1,293
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.21	1.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	213	213	0.01	< 0.005	—	214
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.02	0.26	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58.5	58.5	< 0.005	< 0.005	0.24	59.4
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.6	41.6	< 0.005	0.01	0.11	43.4
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.22	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	55.7	55.7	< 0.005	< 0.005	0.01	56.4
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.6	41.6	< 0.005	0.01	< 0.005	43.3
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	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	35.0	35.0	< 0.005	< 0.005	0.06	35.5
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	25.8	25.8	< 0.005	< 0.005	0.03	26.9
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.80	5.80	< 0.005	< 0.005	0.01	5.88
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.27	4.27	< 0.005	< 0.005	< 0.005	4.45
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. Building Construction (2025) - 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	0.20	0.20	1.87	11.8	0.02	0.04	—	0.04	0.04	—	0.04	—	2,077	2,077	0.08	0.02	—	2,084
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.02	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.4	24.4	< 0.005	< 0.005	—	24.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.04	4.04	< 0.005	< 0.005	—	4.05
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	54.6	54.6	< 0.005	< 0.005	0.01	55.2
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.9	40.9	< 0.005	0.01	< 0.005	42.7
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
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	—	0.65	0.65	< 0.005	< 0.005	< 0.005	0.66
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.48	0.48	< 0.005	< 0.005	< 0.005	0.50
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	—	0.11	0.11	< 0.005	< 0.005	< 0.005	0.11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.08	0.08	< 0.005	< 0.005	< 0.005	0.08
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. Paving (2025) - 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	0.10	0.10	1.03	7.20	0.01	0.02	—	0.02	0.02	—	0.02	—	1,113	1,113	0.05	0.01	—	1,117
Paving	—	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	0.01	0.01	0.05	0.36	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	54.9	54.9	< 0.005	< 0.005	—	55.1
Paving	—	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	< 0.005	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.09	9.09	< 0.005	< 0.005	—	9.12
Paving	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.06	0.73	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	189	189	< 0.005	0.01	0.02	192
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	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.47	9.47	< 0.005	< 0.005	0.02	9.60
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	—	1.57	1.57	< 0.005	< 0.005	< 0.005	1.59
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. Architectural Coating (2025) - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	8.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	< 0.005	11.0
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.55
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09
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

4.10. 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/6/2024	5.00	5.00	—
Grading	Grading	2/7/2024	2/18/2024	5.00	8.00	—
Building Construction	Building Construction	2/19/2024	1/6/2025	5.00	230	—
Paving	Paving	1/7/2025	2/1/2025	5.00	18.0	—
Architectural Coating	Architectural Coating	2/2/2025	2/27/2025	5.00	18.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	7.00	33.0	0.73
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	7.00	367	0.40

Site Preparation	Tractors/Loaders/Backh	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Final	1.00	7.00	148	0.41
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	7.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

Site Preparation	—	—	—	—
Site Preparation	Worker	15.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	4.32	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	1.28	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.86	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	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

Phase Name	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)
Architectural Coating	47,385	15,795	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	6.56	0.00	—
Grading	—	—	8.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.13

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

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.13	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
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	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	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	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
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	1	1	1	2

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	48.5
AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3

Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816

Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5

Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5

Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

Screen	Justification
Land Use	4 acre scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 4 acre example

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APPENDIX 2.5:

CALEEMOD OUTPUTS – 5-ACRE SCENARIO

14635 Construction 5ac Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Site Preparation (2024) - Unmitigated

3.5. Grading (2024) - Unmitigated

3.7. Building Construction (2024) - Unmitigated

3.9. Building Construction (2025) - Unmitigated

3.11. Paving (2025) - Unmitigated

3.13. Architectural Coating (2025) - Unmitigated

4. Operations Emissions Details

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

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14635 Construction 5ac
Construction Start Date	1/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.8
Location	33.87103481833718, -117.99660841318413
County	Orange
City	Buena Park
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5798
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

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
Single Family Housing	15.0	Dwelling Unit	5.00	29,250	175,693	—	45.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

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.	0.26	0.25	2.11	14.7	0.02	0.04	0.08	0.13	0.04	0.02	0.06	—	2,523	2,523	0.10	0.03	0.44	2,534
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.51	9.16	3.07	25.7	0.04	0.09	4.70	4.79	0.09	2.35	2.44	—	4,859	4,859	0.19	0.05	0.03	4,878
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.53	1.54	10.9	0.02	0.03	0.30	0.34	0.03	0.13	0.16	—	1,884	1,884	0.08	0.02	0.15	1,893
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.04	0.10	0.28	1.98	< 0.005	0.01	0.06	0.06	0.01	0.02	0.03	—	312	312	0.01	< 0.005	0.03	313

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.26	0.25	2.11	14.7	0.02	0.04	0.08	0.13	0.04	0.02	0.06	—	2,523	2,523	0.10	0.03	0.44	2,534
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.51	0.50	3.07	25.7	0.04	0.09	4.70	4.79	0.09	2.35	2.44	—	4,859	4,859	0.19	0.05	0.03	4,878
2025	0.26	9.16	2.11	14.6	0.02	0.04	0.23	0.25	0.04	0.05	0.08	—	2,517	2,517	0.10	0.03	0.02	2,528
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.20	0.19	1.54	10.9	0.02	0.03	0.30	0.34	0.03	0.13	0.16	—	1,884	1,884	0.08	0.02	0.15	1,893
2025	0.03	0.53	0.19	1.37	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	231	231	0.01	< 0.005	0.03	232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.04	0.03	0.28	1.98	< 0.005	0.01	0.06	0.06	0.01	0.02	0.03	—	312	312	0.01	< 0.005	0.03	313
2025	< 0.005	0.10	0.04	0.25	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	38.2	38.2	< 0.005	< 0.005	0.01	38.4

3. Construction Emissions Details

3.1. Demolition (2024) - 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	0.21	0.21	3.02	10.2	0.02	0.03	—	0.03	0.03	—	0.03	—	1,875	1,875	0.08	0.02	—	1,882
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	0.01	0.01	0.17	0.56	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	103
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.0	17.0	< 0.005	< 0.005	—	17.1
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.52	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	< 0.005	0.01	130
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	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.16	7.16	< 0.005	< 0.005	0.01	7.26
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	—	1.19	1.19	< 0.005	< 0.005	< 0.005	1.20
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. Site Preparation (2024) - 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	0.44	0.44	2.27	24.8	0.04	0.09	—	0.09	0.09	—	0.09	—	4,634	4,634	0.19	0.04	—	4,650
Dust From Material Movement	—	—	—	—	—	—	4.47	4.47	—	2.30	2.30	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.68	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	127	127	0.01	< 0.005	—	127
Dust From Material Movement	—	—	—	—	—	—	0.12	0.12	—	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	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.0	21.0	< 0.005	< 0.005	—	21.1
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.91	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	226	226	< 0.005	0.01	0.03	228
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	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.27	6.27	< 0.005	< 0.005	0.01	6.35
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.04	1.04	< 0.005	< 0.005	< 0.005	1.05
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. Grading (2024) - 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	0.32	0.32	1.66	20.7	0.03	0.06	—	0.06	0.06	—	0.06	—	3,384	3,384	0.14	0.03	—	3,396
Dust From Material Movement	—	—	—	—	—	—	1.98	1.98	—	0.91	0.91	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.09	1.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	185	185	0.01	< 0.005	—	186
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.7	30.7	< 0.005	< 0.005	—	30.8
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.78	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	193	193	< 0.005	0.01	0.02	196
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	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
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	—	1.78	1.78	< 0.005	< 0.005	< 0.005	1.80
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. Building Construction (2024) - 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	0.23	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	—	2,406

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.23	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.16	8.20	0.01	0.02	—	0.02	0.02	—	0.02	—	1,375	1,375	0.06	0.01	—	1,379
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.21	1.50	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	228	228	0.01	< 0.005	—	228
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.02	0.32	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	73.2	73.2	< 0.005	< 0.005	0.30	74.3
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.9	51.9	< 0.005	0.01	0.14	54.3
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	0.02	0.02	0.02	0.28	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	69.6	69.6	< 0.005	< 0.005	0.01	70.5
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.0	52.0	< 0.005	0.01	< 0.005	54.2
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	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	40.5	40.5	< 0.005	< 0.005	0.07	41.0
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	29.8	29.8	< 0.005	< 0.005	0.03	31.1
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	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.70	6.70	< 0.005	< 0.005	0.01	6.79
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.93	4.93	< 0.005	< 0.005	0.01	5.15
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

3.9. Building Construction (2025) - 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	0.23	0.23	2.03	14.3	0.02	0.04	—	0.04	0.04	—	0.04	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.12	0.84	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.02	0.02	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	68.2	68.2	< 0.005	< 0.005	0.01	69.0
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	51.1	51.1	< 0.005	0.01	< 0.005	53.3
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	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.06	4.06	< 0.005	< 0.005	0.01	4.11
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.00	3.00	< 0.005	< 0.005	< 0.005	3.13
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	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.68
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.50	0.50	< 0.005	< 0.005	< 0.005	0.52
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. Paving (2025) - 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	0.12	0.12	1.18	8.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,280	1,280	0.05	0.01	—	1,284
Paving	—	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	0.01	0.01	0.06	0.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	70.1	70.1	< 0.005	< 0.005	—	70.4
Paving	—	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	< 0.005	< 0.005	0.01	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.6
Paving	—	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.85	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	221	221	< 0.005	0.01	0.02	224
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	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	0.02	12.4
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	—	2.03	2.03	< 0.005	< 0.005	< 0.005	2.06
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. Architectural Coating (2025) - 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	9.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.6	13.6	< 0.005	< 0.005	< 0.005	13.8
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	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.77
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	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.13	0.13	< 0.005	< 0.005	< 0.005	0.13
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

4.10. 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Demolition	Demolition	1/1/2024	1/29/2024	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2024	2/13/2024	5.00	10.0	—
Grading	Grading	2/14/2024	3/13/2024	5.00	20.0	—
Building Construction	Building Construction	3/14/2024	1/30/2025	5.00	230	—
Paving	Paving	1/31/2025	2/28/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	3/1/2025	3/29/2025	5.00	20.0	—

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
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	7.00	33.0	0.73
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	7.00	367	0.40

Site Preparation	Tractors/Loaders/Backh	Diesel	Tier 4 Final	4.00	7.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	2.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Tier 4 Final	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Paving	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—

Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	5.40	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	1.60	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	17.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	1.08	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	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

Phase Name	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)
Architectural Coating	59,231	19,744	0.00	0.00	—

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)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	13.1	0.00	—
Grading	—	—	30.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.17

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

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.17	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005

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. Biomass Cover Type

5.18.1.1. Unmitigated

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)

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	9.66	annual days of extreme heat
Extreme Precipitation	4.40	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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 (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth 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 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
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	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	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	0	0	0	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	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
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	1	1	1	2

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	48.5
AQ-PM	80.9
AQ-DPM	91.5
Drinking Water	48.6
Lead Risk Housing	79.3

Pesticides	0.00
Toxic Releases	85.9
Traffic	87.4
Effect Indicators	—
CleanUp Sites	82.1
Groundwater	64.5
Haz Waste Facilities/Generators	64.6
Impaired Water Bodies	58.7
Solid Waste	75.7
Sensitive Population	—
Asthma	58.2
Cardio-vascular	47.8
Low Birth Weights	31.1
Socioeconomic Factor Indicators	—
Education	81.9
Housing	90.9
Linguistic	88.3
Poverty	77.2
Unemployment	81.7

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	41.46028487
Employed	19.02989863
Median HI	38.2137816

Education	—
Bachelor's or higher	45.52803798
High school enrollment	100
Preschool enrollment	21.73745669
Transportation	—
Auto Access	58.83485179
Active commuting	47.79930707
Social	—
2-parent households	65.35352239
Voting	1.93763634
Neighborhood	—
Alcohol availability	26.08751444
Park access	12.22892339
Retail density	87.29629154
Supermarket access	10.21429488
Tree canopy	19.47901963
Housing	—
Homeownership	7.943025792
Housing habitability	24.16271012
Low-inc homeowner severe housing cost burden	91.91582189
Low-inc renter severe housing cost burden	57.48748877
Uncrowded housing	9.277556782
Health Outcomes	—
Insured adults	26.25433081
Arthritis	91.8
Asthma ER Admissions	33.8
High Blood Pressure	83.5

Cancer (excluding skin)	89.7
Asthma	51.9
Coronary Heart Disease	87.2
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	60.0
Life Expectancy at Birth	61.7
Cognitively Disabled	41.3
Physically Disabled	30.9
Heart Attack ER Admissions	45.5
Mental Health Not Good	39.8
Chronic Kidney Disease	73.0
Obesity	61.1
Pedestrian Injuries	39.8
Physical Health Not Good	46.9
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	40.3
Current Smoker	40.7
No Leisure Time for Physical Activity	33.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	6.4
Elderly	94.7
English Speaking	9.4
Foreign-born	75.6
Outdoor Workers	33.5

Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	88.4
Traffic Access	63.7
Other Indices	—
Hardship	72.4
Other Decision Support	—
2016 Voting	21.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	92.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
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

Screen	Justification
Land Use	5 acre construction scenario
Construction: Off-Road Equipment	Construction equipment consistent with SCAQMD LST 5 acre example

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APPENDIX 2.6:

EMFAC EMISSIONS SUMMARY – I-5

AVERAGE EMISSION FACTOR - CO
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.028109	0.322071	0.355212	0.159416	0.408624	0.241671	7.540318	0.402938	0.100711	0.039221	0.150403	0.096468	0.665902355

Speed	**Weighted Average Emissions**
65	**0.49203**

Truck Emission Rates (I-5)					
Source	AADT	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.4920	213631.22	2.473E+00

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	CO	0.023194
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	CO	22.15968
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	CO	0.073087
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	CO	0.322232
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	CO	0.070979
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	CO	0.355215
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	CO	0.070139
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	CO	0.383523
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	CO	0.043117
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	CO	0.689842
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	CO	0.057889
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	CO	0.703009
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	CO	7.540318
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	CO	0.080672
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	CO	0.406479
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	CO	0.079951
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	CO	0.114742
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	CO	2.80E-02
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	CO	0.133638
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	CO	0.053158
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	CO	0.263861
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	CO	0.03839
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	CO	0.134234
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	CO	0.665902

AVERAGE EMISSION FACTOR - NOX
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	1.145517	0.017842	0.020499	0.02018	0.086992	0.184673	0.433792	0.024137	0.704682	0.213395	0.511311	0.273007	0.019898443

Speed	**Weighted Average Emissions**
65	**0.04517**

Truck Emission Rates (I-5)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0452	19610.78	2.270E-01

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	NOx	1.145335
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	NOx	1.96508
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	NOx	0.010124
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	NOx	0.017847
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	NOx	0.019484
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	NOx	0.020499
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	NOx	0.019795
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	NOx	0.021148
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	NOx	0.174073
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	NOx	0.019992
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	NOx	0.247815
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	NOx	0.02617
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	NOx	0.433792
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	NOx	0.011184
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	NOx	0.024279
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	NOx	1.490168
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	NOx	0.173807
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	NOx	2.31E-01
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	NOx	0.066392
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	NOx	0.768315
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	NOx	0.21146
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	NOx	0.49039
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	NOx	0.131649
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	NOx	0.019898

AVERAGE EMISSION FACTOR - PM10
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.1417	0.010396	0.011083	0.013003	0.092525	0.110557	0.018015	0.011076	0.066703	0.060052	0.075187	0.055779	0.100202625

Speed	**Weighted Average Emissions**
65	**0.01541**

Truck Emission Rates (I-5)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0154	6692.47	7.746E-02

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM10	0.07485
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM10	0.001024
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM10	0.076167
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM10	0.001938
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM10	0.000463
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM10	0.001933
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM10	0.002534
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM10	0.000522
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM10	0.002561
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM10	0.00048
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM10	0.001183
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM10	0.001171
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM10	0.002015
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM10	0.012
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM10	0.00258
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM10	0.000497
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM10	0.002574
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM10	0.001008
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM10	0.001006
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM10	0.057827
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM10	0.000971
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM10	0.000957
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM10	0.001203
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM10	0.091

AVERAGE EMISSION FACTOR - PM2.5
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.06524	0.003102	0.003376	0.005252	0.034288	0.042873	0.007079	0.003362	0.028942	0.023738	0.032899	0.021346	0.034955769

Speed	**Weighted Average Emissions**
65	**0.00547**

Truck Emission Rates (I-5)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0055	2374.83	2.749E-02

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM2_5	0.030236
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM2_5	0.026197
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM2_5	0.000942
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM2_5	0.026658
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM2_5	0.000795
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM2_5	0.000678
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM2_5	0.000426
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM2_5	0.000677
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM2_5	0.003165
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM2_5	0.000887
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM2_5	0.00048
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM2_5	0.000896
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM2_5	0.003137
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM2_5	0.000442
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM2_5	0.009058
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM2_5	0.001088
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM2_5	1.12E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM2_5	0.001076
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM2_5	0.001879
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM2_5	0.0042
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM2_5	0.000858
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM2_5	0.000903
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM2_5	0.000457
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM2_5	0.000901
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM2_5	0.025866
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM2_5	0.000926
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM2_5	0.00681
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM2_5	0.000925
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM2_5	0.022046
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM2_5	0.02024
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM2_5	0.000893
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM2_5	0.009804
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM2_5	0.00088
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM2_5	0.001106
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM2_5	0.03185

AVERAGE EMISSION FACTOR - DPM
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.031596	5.36E-07	3.62E-08	0.002345	0.004117	0.008363	0	9.75E-06	0.010903	0.00636	0.012408	0.004038	0

Speed	**Weighted Average Emissions**
65	**0.00107**

Truck Emission Rates (I-5)					
Source	AADT	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
I-5 at Beach Boulevard	213400	434187.45	0.0011	464.96	5.381E-03

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248

APPENDIX 2.7:

EMFAC EMISSIONS SUMMARY – CA-91

AVERAGE EMISSION FACTOR - CO
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.028109	0.322071	0.355212	0.159416	0.408624	0.241671	7.540318	0.402938	0.100711	0.039221	0.150403	0.096468	0.665902355

Speed	**Weighted Average Emissions**
65	**0.49203**

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	312700	858759.96	0.4920	422531.65	4.890E+00

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	CO	0.023194
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	CO	22.15968
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	CO	0.073087
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	CO	0.322232
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	CO	0.070979
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	CO	0.355215
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	CO	0.070139
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	CO	0.383523
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	CO	0.043117
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	CO	0.689842
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	CO	0.057889
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	CO	0.703009
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	CO	7.540318
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	CO	0.080672
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	CO	0.406479
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	CO	0.079951
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	CO	0.114742
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	CO	2.80E-02
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	CO	0.133638
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	CO	0.053158
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	CO	0.263861
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	CO	0.03839
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	CO	0.134234
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	CO	0.665902

AVERAGE EMISSION FACTOR - NOX
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	1.145517	0.017842	0.020499	0.02018	0.086992	0.184673	0.433792	0.024137	0.704682	0.213395	0.511311	0.273007	0.019898443

Speed	**Weighted Average Emissions**
65	**0.04517**

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	321000	881554.04	0.0452	39816.81	4.608E-01

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	NOx	1.145335
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	NOx	1.96508
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	NOx	0.010124
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	NOx	0.017847
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	NOx	0.019484
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	NOx	0.020499
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	NOx	0.019795
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	NOx	0.021148
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	NOx	0.174073
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	NOx	0.019992
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	NOx	0.247815
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	NOx	0.02617
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	NOx	0.433792
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	NOx	0.011184
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	NOx	0.024279
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	NOx	1.490168
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	NOx	0.173807
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	NOx	2.31E-01
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	NOx	0.066392
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	NOx	0.768315
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	NOx	0.21146
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	NOx	0.49039
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	NOx	0.131649
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	NOx	0.019898

AVERAGE EMISSION FACTOR - PM10
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.1417	0.010396	0.011083	0.013003	0.092525	0.110557	0.018015	0.011076	0.066703	0.060052	0.075187	0.055779	0.100202625

Speed	**Weighted Average Emissions**
65	**0.01541**

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	321000	881554.04	0.0154	13588.08	1.573E-01

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM10	0.07485
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM10	0.001024
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM10	0.076167
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM10	0.001938
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM10	0.000463
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM10	0.001933
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM10	0.002534
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM10	0.000522
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM10	0.002561
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM10	0.00048
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM10	0.002521
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM10	0.001183
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM10	0.078
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM10	0.001171
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM10	0.091
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM10	0.002015
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM10	0.012
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM10	0.00258
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM10	0.000497
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM10	0.002574
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM10	0.001008
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM10	0.001006
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM10	0.057827
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM10	0.000971
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM10	0.000957
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM10	0.041585
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM10	0.001203
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM10	0.091

AVERAGE EMISSION FACTOR - PM2.5
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.06524	0.003102	0.003376	0.005252	0.034288	0.042873	0.007079	0.003362	0.028942	0.023738	0.032899	0.021346	0.034955769

Speed	**Weighted Average Emissions**
65	**0.00547**

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	312700	858759.96	0.0055	4697.07	5.436E-02

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM2_5	0.030236
2045	Annual	Orange (SC	HHDT	Dsl			PMBW	65	PM2_5	0.026197
2045	Annual	Orange (SC	HHDT	Gas	60	70	RUNEX	65	PM2_5	0.000942
2045	Annual	Orange (SC	HHDT	Gas			PMBW	65	PM2_5	0.026658
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM2_5	0.000795
2045	Annual	Orange (SC	LDA	Dsl			PMBW	65	PM2_5	0.000678
2045	Annual	Orange (SC	LDA	Gas	60	70	RUNEX	65	PM2_5	0.000426
2045	Annual	Orange (SC	LDA	Gas			PMBW	65	PM2_5	0.000677
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM2_5	0.003165
2045	Annual	Orange (SC	LDT1	Dsl			PMBW	65	PM2_5	0.000887
2045	Annual	Orange (SC	LDT1	Gas	60	70	RUNEX	65	PM2_5	0.00048
2045	Annual	Orange (SC	LDT1	Gas			PMBW	65	PM2_5	0.000896
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM2_5	0.003137
2045	Annual	Orange (SC	LDT2	Dsl			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LDT2	Gas	60	70	RUNEX	65	PM2_5	0.000442
2045	Annual	Orange (SC	LDT2	Gas			PMBW	65	PM2_5	0.000882
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM2_5	0.009058
2045	Annual	Orange (SC	LHDT1	Dsl			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT1	Gas	60	70	RUNEX	65	PM2_5	0.001088
2045	Annual	Orange (SC	LHDT1	Gas			PMBW	65	PM2_5	0.0273
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM2_5	1.12E-02
2045	Annual	Orange (SC	LHDT2	Dsl			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	LHDT2	Gas	60	70	RUNEX	65	PM2_5	0.001076
2045	Annual	Orange (SC	LHDT2	Gas			PMBW	65	PM2_5	0.03185
2045	Annual	Orange (SC	MCY	Gas	60	70	RUNEX	65	PM2_5	0.001879
2045	Annual	Orange (SC	MCY	Gas			PMBW	65	PM2_5	0.0042
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM2_5	0.000858
2045	Annual	Orange (SC	MDV	Dsl			PMBW	65	PM2_5	0.000903
2045	Annual	Orange (SC	MDV	Gas	60	70	RUNEX	65	PM2_5	0.000457
2045	Annual	Orange (SC	MDV	Gas			PMBW	65	PM2_5	0.000901
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM2_5	0.025866
2045	Annual	Orange (SC	MH	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MH	Gas	60	70	RUNEX	65	PM2_5	0.000926
2045	Annual	Orange (SC	MH	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM2_5	0.00681
2045	Annual	Orange (SC	MHDT	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	MHDT	Gas	60	70	RUNEX	65	PM2_5	0.000925
2045	Annual	Orange (SC	MHDT	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM2_5	0.022046
2045	Annual	Orange (SC	OBUS	Dsl			PMBW	65	PM2_5	0.02024
2045	Annual	Orange (SC	OBUS	Gas	60	70	RUNEX	65	PM2_5	0.000893
2045	Annual	Orange (SC	OBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM2_5	0.009804
2045	Annual	Orange (SC	SBUS	Dsl			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	SBUS	Gas	60	70	RUNEX	65	PM2_5	0.00088
2045	Annual	Orange (SC	SBUS	Gas			PMBW	65	PM2_5	0.014555
2045	Annual	Orange (SC	UBUS	Gas	60	70	RUNEX	65	PM2_5	0.001106
2045	Annual	Orange (SC	UBUS	Gas			PMBW	65	PM2_5	0.03185

AVERAGE EMISSION FACTOR - DPM
ORANGE COUNTY 2045

Speed	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
65	0.031596	5.36E-07	3.62E-08	0.002345	0.004117	0.008363	0	9.75E-06	0.010903	0.00636	0.012408	0.004038	0

Speed	**Weighted Average Emissions**
65	**0.00107**

Truck Emission Rates (CA-91)					
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
CA-91 at Beach Boulevard	312700	858759.96	0.0011	919.62	1.064E-02

[a] Vehicle miles traveled are for modeled truck route only.

[b] Emission rates determined using EMFAC 2021.

[c] This column includes the total truck travel emissions.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2045	Annual	Orange (SC	HHDT	Dsl	60	70	RUNEX	65	PM10	0.031603
2045	Annual	Orange (SC	LDA	Dsl	60	70	RUNEX	65	PM10	0.000831
2045	Annual	Orange (SC	LDT1	Dsl	60	70	RUNEX	65	PM10	0.003308
2045	Annual	Orange (SC	LDT2	Dsl	60	70	RUNEX	65	PM10	0.003279
2045	Annual	Orange (SC	LHDT1	Dsl	60	70	RUNEX	65	PM10	0.009468
2045	Annual	Orange (SC	LHDT2	Dsl	60	70	RUNEX	65	PM10	1.17E-02
2045	Annual	Orange (SC	MDV	Dsl	60	70	RUNEX	65	PM10	0.000897
2045	Annual	Orange (SC	MH	Dsl	60	70	RUNEX	65	PM10	0.027035
2045	Annual	Orange (SC	MHDT	Dsl	60	70	RUNEX	65	PM10	0.007118
2045	Annual	Orange (SC	OBUS	Dsl	60	70	RUNEX	65	PM10	0.023043
2045	Annual	Orange (SC	SBUS	Dsl	60	70	RUNEX	65	PM10	0.010248

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APPENDIX 3.1:

AERMOD MODEL INPUT/OUTPUT FILES

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 1ac\14635 Cons
1ac.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT CONC FLAT
   AVERTIME 1 PERIOD
   URBANOPT 3010232 Orange_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 Cons 1ac.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     406930.700  3747735.370          0.0
** Source Parameters **
   SRCPARAM VOL1         0.000299875     5.000    14.794     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
```

```
**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** ----------
   DISCCART    406967.50   3747767.21
   DISCCART    406967.51   3747758.11
   DISCCART    406967.52   3747749.01
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DISCCART	407025.76	3747687.09
DISCCART	407029.17	3747695.35
DISCCART	406962.58	3747633.52
DISCCART	406953.47	3747633.52
DISCCART	406944.36	3747633.52
DISCCART	406935.25	3747633.52
DISCCART	406926.15	3747633.52
DISCCART	406917.04	3747633.52
DISCCART	406907.93	3747633.52
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DISCCART	406907.93	3747628.52

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DISCCART	406917.01	3747787.20
DISCCART	406926.11	3747787.20
DISCCART	406935.21	3747787.20
DISCCART	406944.31	3747787.20
DISCCART	406953.40	3747787.20
DISCCART	406962.50	3747787.20
DISCCART	406892.93	3747789.76
DISCCART	406887.03	3747787.32
DISCCART	406878.70	3747778.99

DISCCART	406876.26	3747773.09
DISCCART	406898.82	3747792.20
DISCCART	406907.92	3747792.20
DISCCART	406917.01	3747792.20
DISCCART	406926.11	3747792.20
DISCCART	406935.21	3747792.20
DISCCART	406944.31	3747792.20
DISCCART	406953.40	3747792.20
DISCCART	406962.50	3747792.20
DISCCART	406891.75	3747794.27
DISCCART	406884.68	3747791.34
DISCCART	406874.68	3747781.34
DISCCART	406871.75	3747774.27
DISCCART	406898.82	3747797.20
DISCCART	406907.92	3747797.20
DISCCART	406917.01	3747797.20
DISCCART	406926.11	3747797.20
DISCCART	406935.21	3747797.20
DISCCART	406944.31	3747797.20
DISCCART	406953.40	3747797.20
DISCCART	406962.50	3747797.20
DISCCART	406890.57	3747798.78
DISCCART	406882.32	3747795.37
DISCCART	406870.65	3747783.70
DISCCART	406867.24	3747775.45
DISCCART	406898.82	3747802.20
DISCCART	406907.92	3747802.20
DISCCART	406917.01	3747802.20
DISCCART	406926.11	3747802.20
DISCCART	406935.21	3747802.20
DISCCART	406944.31	3747802.20
DISCCART	406953.40	3747802.20
DISCCART	406962.50	3747802.20
DISCCART	406891.75	3747804.27
DISCCART	406884.68	3747801.34
DISCCART	406877.61	3747798.41
DISCCART	406867.61	3747788.41
DISCCART	406864.68	3747781.34
DISCCART	406861.75	3747774.27
DISCCART	406898.82	3747807.20
DISCCART	406907.92	3747807.20
DISCCART	406917.01	3747807.20
DISCCART	406926.11	3747807.20
DISCCART	406935.21	3747807.20
DISCCART	406944.31	3747807.20
DISCCART	406953.40	3747807.20
DISCCART	406962.50	3747807.20
DISCCART	406890.87	3747808.90
DISCCART	406882.91	3747805.61
DISCCART	406874.96	3747802.31
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DISCCART	406857.12	3747775.15
DISCCART	406898.82	3747812.20
DISCCART	406907.92	3747812.20
DISCCART	406917.01	3747812.20
DISCCART	406926.11	3747812.20
DISCCART	406935.21	3747812.20
DISCCART	406944.31	3747812.20
DISCCART	406953.40	3747812.20
DISCCART	406962.50	3747812.20
DISCCART	406891.75	3747814.27
DISCCART	406884.68	3747811.34
DISCCART	406877.61	3747808.41
DISCCART	406870.54	3747805.48
DISCCART	406860.54	3747795.48

DISCCART	406857.61	3747788.41
DISCCART	406854.68	3747781.34
DISCCART	406851.75	3747774.27
DISCCART	406898.82	3747817.20
DISCCART	406907.92	3747817.20
DISCCART	406917.01	3747817.20
DISCCART	406926.11	3747817.20
DISCCART	406935.21	3747817.20
DISCCART	406944.31	3747817.20
DISCCART	406953.40	3747817.20
DISCCART	406962.50	3747817.20
DISCCART	406891.04	3747818.98
DISCCART	406883.26	3747815.76
DISCCART	406875.49	3747812.53
DISCCART	406867.71	3747809.31
DISCCART	406856.71	3747798.31
DISCCART	406853.49	3747790.53
DISCCART	406850.26	3747782.76
DISCCART	406847.04	3747774.98
DISCCART	406898.82	3747822.20
DISCCART	406907.92	3747822.20
DISCCART	406917.01	3747822.20
DISCCART	406926.11	3747822.20
DISCCART	406935.21	3747822.20
DISCCART	406944.31	3747822.20
DISCCART	406953.40	3747822.20
DISCCART	406962.50	3747822.20
DISCCART	406891.75	3747824.27
DISCCART	406884.68	3747821.34
DISCCART	406877.61	3747818.41
DISCCART	406870.54	3747815.48
DISCCART	406863.46	3747812.56
DISCCART	406853.46	3747802.56
DISCCART	406850.54	3747795.48
DISCCART	406847.61	3747788.41
DISCCART	406844.68	3747781.34
DISCCART	406841.75	3747774.27
DISCCART	406898.82	3747827.20
DISCCART	406907.92	3747827.20
DISCCART	406917.01	3747827.20
DISCCART	406926.11	3747827.20
DISCCART	406935.21	3747827.20
DISCCART	406944.31	3747827.20
DISCCART	406953.40	3747827.20
DISCCART	406962.50	3747827.20
DISCCART	406891.16	3747829.03
DISCCART	406883.50	3747825.85
DISCCART	406875.84	3747822.68
DISCCART	406868.18	3747819.51
DISCCART	406860.52	3747816.33
DISCCART	406849.69	3747805.50
DISCCART	406846.51	3747797.84
DISCCART	406843.34	3747790.18
DISCCART	406840.17	3747782.52
DISCCART	406836.99	3747774.86
DISCCART	406898.82	3747832.20
DISCCART	406907.92	3747832.20
DISCCART	406917.01	3747832.20
DISCCART	406926.11	3747832.20
DISCCART	406935.21	3747832.20
DISCCART	406944.31	3747832.20
DISCCART	406953.40	3747832.20
DISCCART	406962.50	3747832.20
DISCCART	406890.57	3747833.78
DISCCART	406882.32	3747830.37
DISCCART	406874.07	3747826.95

DISCCART	406865.82	3747823.53
DISCCART	406857.57	3747820.11
DISCCART	406845.91	3747808.45
DISCCART	406842.49	3747800.20
DISCCART	406839.07	3747791.95
DISCCART	406835.65	3747783.70
DISCCART	406832.24	3747775.45
DISCCART	406898.82	3747837.20
DISCCART	406907.92	3747837.20
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DISCCART	406926.11	3747837.20
DISCCART	406935.21	3747837.20
DISCCART	406944.31	3747837.20
DISCCART	406953.40	3747837.20
DISCCART	406962.50	3747837.20
DISCCART	406891.24	3747839.06
DISCCART	406883.67	3747835.92
DISCCART	406876.09	3747832.79
DISCCART	406868.52	3747829.65
DISCCART	406860.94	3747826.51
DISCCART	406853.36	3747823.37
DISCCART	406842.65	3747812.66
DISCCART	406839.51	3747805.08
DISCCART	406836.37	3747797.50
DISCCART	406833.23	3747789.93
DISCCART	406830.10	3747782.35
DISCCART	406826.96	3747774.78
DISCCART	406898.82	3747842.20
DISCCART	406907.92	3747842.20
DISCCART	406917.01	3747842.20
DISCCART	406926.11	3747842.20
DISCCART	406935.21	3747842.20
DISCCART	406944.31	3747842.20
DISCCART	406953.40	3747842.20
DISCCART	406962.50	3747842.20
DISCCART	406890.74	3747843.85
DISCCART	406882.66	3747840.51
DISCCART	406874.58	3747837.16
DISCCART	406858.41	3747830.46
DISCCART	406850.33	3747827.12
DISCCART	406838.90	3747815.69
DISCCART	406835.56	3747807.61
DISCCART	406832.21	3747799.52
DISCCART	406828.86	3747791.44
DISCCART	406825.51	3747783.36
DISCCART	406822.17	3747775.28
DISCCART	406898.82	3747847.20
DISCCART	406907.92	3747847.20
DISCCART	406917.01	3747847.20
DISCCART	406926.11	3747847.20
DISCCART	406935.21	3747847.20
DISCCART	406944.31	3747847.20
DISCCART	406953.40	3747847.20
DISCCART	406962.50	3747847.20
DISCCART	406891.31	3747849.09
DISCCART	406883.79	3747845.98
DISCCART	406876.28	3747842.86
DISCCART	406868.77	3747839.75
DISCCART	406861.25	3747836.64
DISCCART	406853.74	3747833.53
DISCCART	406846.23	3747830.42
DISCCART	406835.60	3747819.79
DISCCART	406832.49	3747812.28
DISCCART	406829.38	3747804.77
DISCCART	406826.27	3747797.25
DISCCART	406823.16	3747789.74

DISCCART	406820.04	3747782.23
DISCCART	406816.93	3747774.71
DISCCART	406898.82	3747852.20
DISCCART	406907.92	3747852.20
DISCCART	406917.01	3747852.20
DISCCART	406926.11	3747852.20
DISCCART	406935.21	3747852.20
DISCCART	406944.31	3747852.20
DISCCART	406953.40	3747852.20
DISCCART	406962.50	3747852.20
DISCCART	406890.87	3747853.90
DISCCART	406882.91	3747850.61
DISCCART	406874.96	3747847.31
DISCCART	406867.00	3747844.02
DISCCART	406859.05	3747840.72
DISCCART	406851.09	3747837.43
DISCCART	406843.14	3747834.13
DISCCART	406831.89	3747822.88
DISCCART	406828.59	3747814.93
DISCCART	406825.30	3747806.97
DISCCART	406822.00	3747799.02
DISCCART	406818.71	3747791.06
DISCCART	406815.41	3747783.11
DISCCART	406812.12	3747775.15
DISCCART	406898.82	3747857.20
DISCCART	406907.92	3747857.20
DISCCART	406917.01	3747857.20
DISCCART	406926.11	3747857.20
DISCCART	406935.21	3747857.20
DISCCART	406944.31	3747857.20
DISCCART	406953.40	3747857.20
DISCCART	406962.50	3747857.20
DISCCART	406890.42	3747858.72
DISCCART	406882.03	3747855.24
DISCCART	406873.63	3747851.77
DISCCART	406865.23	3747848.29
DISCCART	406856.84	3747844.81
DISCCART	406848.44	3747841.33
DISCCART	406840.04	3747837.85
DISCCART	406828.17	3747825.98
DISCCART	406824.69	3747817.58
DISCCART	406821.21	3747809.18
DISCCART	406817.73	3747800.79
DISCCART	406814.25	3747792.39
DISCCART	406810.78	3747783.99
DISCCART	406807.30	3747775.60
DISCCART	406898.82	3747862.20
DISCCART	406907.92	3747862.20
DISCCART	406917.01	3747862.20
DISCCART	406926.11	3747862.20
DISCCART	406935.21	3747862.20
DISCCART	406944.31	3747862.20
DISCCART	406953.40	3747862.20
DISCCART	406962.50	3747862.20
DISCCART	406890.96	3747863.95
DISCCART	406883.11	3747860.69
DISCCART	406875.25	3747857.44
DISCCART	406867.39	3747854.18
DISCCART	406859.54	3747850.93
DISCCART	406851.68	3747847.67
DISCCART	406843.82	3747844.42
DISCCART	406835.97	3747841.17
DISCCART	406824.85	3747830.05
DISCCART	406821.60	3747822.20
DISCCART	406818.35	3747814.34
DISCCART	406815.09	3747806.48

```
   DISCCART    406811.84   3747798.63
   DISCCART    406808.58   3747790.77
   DISCCART    406805.33   3747782.91
   DISCCART    406802.07   3747775.06
   DISCCART    406898.82   3747867.20
   DISCCART    406907.92   3747867.20
   DISCCART    406917.01   3747867.20
   DISCCART    406926.11   3747867.20
   DISCCART    406935.21   3747867.20
   DISCCART    406944.31   3747867.20
   DISCCART    406953.40   3747867.20
   DISCCART    406962.50   3747867.20
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    406898.82   3747767.20
   DISCCART    406962.50   3747767.20
   DISCCART    406962.58   3747703.52
   DISCCART    406898.82   3747703.52
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "14635 Cons 1ac.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "14635 Cons 1ac.AD\PE00GALL.PLT" 32
   SUMMFILE "14635 Cons 1ac.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    1352       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1352       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:23:21

                     PAGE   1
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Assumes Receptors on FLAT Terrain.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and    1261 Receptor(s)

                 with:     0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                  and:     1 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:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD 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) = 29.00 ; 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 = 3.6 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 Cons 1ac.err
**File for Summary of Results: 14635 Cons 1ac.sum

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL1	0	0.29988E-03 HRDOW	406930.7	3747735.4	29.0	5.00	14.79	1.40

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

3010232. VOL1 ,
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** *** 15:23:21

PAGE 5
*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** *** 15:23:21

PAGE 6
*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406967.5, 3747767.2, 29.0, 29.0, 0.0); (406967.5, 3747758.1, 29.0, 29.0, 0.0);
(406967.5, 3747749.0, 29.0, 29.0, 0.0); (406967.5, 3747739.9, 29.0, 29.0, 0.0);
(406967.5, 3747730.8, 29.0, 29.0, 0.0); (406967.6, 3747721.7, 29.0, 29.0, 0.0);
(406967.6, 3747712.6, 29.0, 29.0, 0.0); (406967.6, 3747703.5, 29.0, 29.0, 0.0);

(406972.5, 3747767.2, 29.0, 29.0, 0.0); (406972.5, 3747758.1, 29.0, 29.0, 0.0);
(406972.5, 3747749.0, 29.0, 29.0, 0.0); (406972.5, 3747739.9, 29.0, 29.0, 0.0);
(406972.5, 3747730.8, 29.0, 29.0, 0.0); (406972.6, 3747721.7, 29.0, 29.0, 0.0);
(406972.6, 3747712.6, 29.0, 29.0, 0.0); (406972.6, 3747703.5, 29.0, 29.0, 0.0);
(406975.3, 3747772.5, 29.0, 29.0, 0.0); (406967.8, 3747780.0, 29.0, 29.0, 0.0);
(406977.5, 3747767.2, 29.0, 29.0, 0.0); (406977.5, 3747758.1, 29.0, 29.0, 0.0);
(406977.5, 3747749.0, 29.0, 29.0, 0.0); (406977.5, 3747739.9, 29.0, 29.0, 0.0);
(406977.5, 3747730.8, 29.0, 29.0, 0.0); (406977.6, 3747721.7, 29.0, 29.0, 0.0);
(406977.6, 3747712.6, 29.0, 29.0, 0.0); (406977.6, 3747703.5, 29.0, 29.0, 0.0);
(406979.6, 3747774.3, 29.0, 29.0, 0.0); (406969.6, 3747784.3, 29.0, 29.0, 0.0);
(406982.5, 3747767.2, 29.0, 29.0, 0.0); (406982.5, 3747758.1, 29.0, 29.0, 0.0);
(406982.5, 3747749.0, 29.0, 29.0, 0.0); (406982.5, 3747739.9, 29.0, 29.0, 0.0);
(406982.5, 3747730.8, 29.0, 29.0, 0.0); (406982.6, 3747721.7, 29.0, 29.0, 0.0);
(406982.6, 3747712.6, 29.0, 29.0, 0.0); (406982.6, 3747703.5, 29.0, 29.0, 0.0);
(406985.1, 3747773.1, 29.0, 29.0, 0.0); (406982.6, 3747779.0, 29.0, 29.0, 0.0);
(406974.3, 3747787.3, 29.0, 29.0, 0.0); (406968.4, 3747789.8, 29.0, 29.0, 0.0);
(406987.5, 3747767.2, 29.0, 29.0, 0.0); (406987.5, 3747758.1, 29.0, 29.0, 0.0);
(406987.5, 3747749.0, 29.0, 29.0, 0.0); (406987.5, 3747739.9, 29.0, 29.0, 0.0);
(406987.5, 3747730.8, 29.0, 29.0, 0.0); (406987.6, 3747721.8, 29.0, 29.0, 0.0);
(406987.6, 3747712.6, 29.0, 29.0, 0.0); (406987.6, 3747703.5, 29.0, 29.0, 0.0);
(406989.6, 3747774.3, 29.0, 29.0, 0.0); (406986.6, 3747781.4, 29.0, 29.0, 0.0);
(406976.6, 3747791.3, 29.0, 29.0, 0.0); (406969.6, 3747794.3, 29.0, 29.0, 0.0);
(406992.5, 3747767.2, 29.0, 29.0, 0.0); (406992.5, 3747758.1, 29.0, 29.0, 0.0);
(406992.5, 3747749.0, 29.0, 29.0, 0.0); (406992.5, 3747739.9, 29.0, 29.0, 0.0);
(406992.5, 3747730.8, 29.0, 29.0, 0.0); (406992.6, 3747721.8, 29.0, 29.0, 0.0);
(406992.6, 3747712.6, 29.0, 29.0, 0.0); (406992.6, 3747703.6, 29.0, 29.0, 0.0);
(406994.1, 3747775.5, 29.0, 29.0, 0.0); (406990.7, 3747783.7, 29.0, 29.0, 0.0);
(406979.0, 3747795.4, 29.0, 29.0, 0.0); (406970.7, 3747798.8, 29.0, 29.0, 0.0);
(406997.5, 3747767.2, 29.0, 29.0, 0.0); (406997.5, 3747758.1, 29.0, 29.0, 0.0);
(406997.5, 3747749.0, 29.0, 29.0, 0.0); (406997.5, 3747739.9, 29.0, 29.0, 0.0);
(406997.5, 3747730.9, 29.0, 29.0, 0.0); (406997.6, 3747721.8, 29.0, 29.0, 0.0);
(406997.6, 3747712.7, 29.0, 29.0, 0.0); (406997.6, 3747703.6, 29.0, 29.0, 0.0);
(406999.6, 3747774.3, 29.0, 29.0, 0.0); (406996.6, 3747781.4, 29.0, 29.0, 0.0);

(406993.7, 3747788.4, 29.0, 29.0, 0.0); (406983.7, 3747798.4, 29.0, 29.0, 0.0);
(406976.6, 3747801.3, 29.0, 29.0, 0.0); (406969.6, 3747804.3, 29.0, 29.0, 0.0);
(407002.5, 3747767.2, 29.0, 29.0, 0.0); (407002.5, 3747758.1, 29.0, 29.0, 0.0);
(407002.5, 3747749.1, 29.0, 29.0, 0.0); (407002.5, 3747740.0, 29.0, 29.0, 0.0);
(407002.5, 3747730.9, 29.0, 29.0, 0.0); (407002.6, 3747721.8, 29.0, 29.0, 0.0);
(407002.6, 3747712.7, 29.0, 29.0, 0.0); (407002.6, 3747703.6, 29.0, 29.0, 0.0);
(407004.2, 3747775.2, 29.0, 29.0, 0.0); (407000.9, 3747783.1, 29.0, 29.0, 0.0);
(406997.6, 3747791.1, 29.0, 29.0, 0.0); (406986.3, 3747802.3, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406978.4, 3747805.6, 29.0, 29.0, 0.0); (406970.5, 3747808.9, 29.0, 29.0, 0.0);
(407007.5, 3747767.3, 29.0, 29.0, 0.0); (407007.5, 3747758.2, 29.0, 29.0, 0.0);
(407007.5, 3747749.1, 29.0, 29.0, 0.0); (407007.5, 3747740.0, 29.0, 29.0, 0.0);
(407007.5, 3747730.9, 29.0, 29.0, 0.0); (407007.6, 3747721.8, 29.0, 29.0, 0.0);
(407007.6, 3747712.7, 29.0, 29.0, 0.0); (407007.6, 3747703.6, 29.0, 29.0, 0.0);
(407009.6, 3747774.3, 29.0, 29.0, 0.0); (407006.6, 3747781.4, 29.0, 29.0, 0.0);
(407003.7, 3747788.4, 29.0, 29.0, 0.0); (407000.8, 3747795.5, 29.0, 29.0, 0.0);
(406990.8, 3747805.5, 29.0, 29.0, 0.0); (406983.7, 3747808.4, 29.0, 29.0, 0.0);
(406976.6, 3747811.3, 29.0, 29.0, 0.0); (406969.6, 3747814.3, 29.0, 29.0, 0.0);
(407012.5, 3747767.3, 29.0, 29.0, 0.0); (407012.5, 3747758.2, 29.0, 29.0, 0.0);
(407012.5, 3747749.1, 29.0, 29.0, 0.0); (407012.5, 3747740.0, 29.0, 29.0, 0.0);
(407012.5, 3747730.9, 29.0, 29.0, 0.0); (407012.6, 3747721.8, 29.0, 29.0, 0.0);
(407012.6, 3747712.7, 29.0, 29.0, 0.0); (407012.6, 3747703.6, 29.0, 29.0, 0.0);
(407014.3, 3747775.0, 29.0, 29.0, 0.0); (407011.0, 3747782.8, 29.0, 29.0, 0.0);
(407007.8, 3747790.6, 29.0, 29.0, 0.0); (407004.6, 3747798.3, 29.0, 29.0, 0.0);
(406993.6, 3747809.3, 29.0, 29.0, 0.0); (406985.8, 3747812.5, 29.0, 29.0, 0.0);
(406978.0, 3747815.8, 29.0, 29.0, 0.0); (406970.3, 3747819.0, 29.0, 29.0, 0.0);
(407017.5, 3747767.3, 29.0, 29.0, 0.0); (407017.5, 3747758.2, 29.0, 29.0, 0.0);
(407017.5, 3747749.1, 29.0, 29.0, 0.0); (407017.5, 3747740.0, 29.0, 29.0, 0.0);

(407017.5, 3747730.9, 29.0, 29.0, 0.0); (407017.6, 3747721.8, 29.0, 29.0, 0.0);
(407017.6, 3747712.7, 29.0, 29.0, 0.0); (407017.6, 3747703.6, 29.0, 29.0, 0.0);
(407019.6, 3747774.3, 29.0, 29.0, 0.0); (407016.6, 3747781.4, 29.0, 29.0, 0.0);
(407013.7, 3747788.5, 29.0, 29.0, 0.0); (407010.8, 3747795.5, 29.0, 29.0, 0.0);
(407007.8, 3747802.6, 29.0, 29.0, 0.0); (406997.8, 3747812.6, 29.0, 29.0, 0.0);
(406990.8, 3747815.5, 29.0, 29.0, 0.0); (406983.7, 3747818.4, 29.0, 29.0, 0.0);
(406976.6, 3747821.3, 29.0, 29.0, 0.0); (406969.6, 3747824.3, 29.0, 29.0, 0.0);
(407022.5, 3747767.3, 29.0, 29.0, 0.0); (407022.5, 3747758.2, 29.0, 29.0, 0.0);
(407022.5, 3747749.1, 29.0, 29.0, 0.0); (407022.5, 3747740.0, 29.0, 29.0, 0.0);
(407022.5, 3747730.9, 29.0, 29.0, 0.0); (407022.6, 3747721.8, 29.0, 29.0, 0.0);
(407022.6, 3747712.7, 29.0, 29.0, 0.0); (407022.6, 3747703.6, 29.0, 29.0, 0.0);
(407024.3, 3747774.9, 29.0, 29.0, 0.0); (407021.1, 3747782.6, 29.0, 29.0, 0.0);
(407018.0, 3747790.2, 29.0, 29.0, 0.0); (407014.8, 3747797.9, 29.0, 29.0, 0.0);
(407011.6, 3747805.5, 29.0, 29.0, 0.0); (407000.8, 3747816.4, 29.0, 29.0, 0.0);
(406993.1, 3747819.5, 29.0, 29.0, 0.0); (406985.5, 3747822.7, 29.0, 29.0, 0.0);
(406977.8, 3747825.9, 29.0, 29.0, 0.0); (406970.2, 3747829.0, 29.0, 29.0, 0.0);
(407027.5, 3747767.3, 29.0, 29.0, 0.0); (407027.5, 3747758.2, 29.0, 29.0, 0.0);
(407027.5, 3747749.1, 29.0, 29.0, 0.0); (407027.5, 3747740.0, 29.0, 29.0, 0.0);
(407027.5, 3747730.9, 29.0, 29.0, 0.0); (407027.6, 3747721.8, 29.0, 29.0, 0.0);
(407027.6, 3747712.7, 29.0, 29.0, 0.0); (407027.6, 3747703.6, 29.0, 29.0, 0.0);
(407029.1, 3747775.5, 29.0, 29.0, 0.0); (407025.7, 3747783.8, 29.0, 29.0, 0.0);
(407022.2, 3747792.0, 29.0, 29.0, 0.0); (407018.8, 3747800.2, 29.0, 29.0, 0.0);
(407015.4, 3747808.5, 29.0, 29.0, 0.0); (407003.7, 3747820.1, 29.0, 29.0, 0.0);
(406995.5, 3747823.5, 29.0, 29.0, 0.0); (406987.2, 3747827.0, 29.0, 29.0, 0.0);
(406979.0, 3747830.4, 29.0, 29.0, 0.0); (406970.7, 3747833.8, 29.0, 29.0, 0.0);
(407032.5, 3747767.3, 29.0, 29.0, 0.0); (407032.5, 3747758.2, 29.0, 29.0, 0.0);

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

(407032.5, 3747749.1, 29.0, 29.0, 0.0); (407032.5, 3747740.0, 29.0, 29.0, 0.0);

(407032.5, 3747730.9, 29.0, 29.0, 0.0); (407032.6, 3747721.8, 29.0, 29.0, 0.0);
(407032.6, 3747712.7, 29.0, 29.0, 0.0); (407032.6, 3747703.6, 29.0, 29.0, 0.0);
(407034.4, 3747774.9, 29.0, 29.0, 0.0); (407031.2, 3747782.4, 29.0, 29.0, 0.0);
(407028.1, 3747790.0, 29.0, 29.0, 0.0); (407024.9, 3747797.6, 29.0, 29.0, 0.0);
(407021.8, 3747805.1, 29.0, 29.0, 0.0); (407018.6, 3747812.7, 29.0, 29.0, 0.0);
(407007.9, 3747823.4, 29.0, 29.0, 0.0); (407000.4, 3747826.5, 29.0, 29.0, 0.0);
(406992.8, 3747829.7, 29.0, 29.0, 0.0); (406985.2, 3747832.8, 29.0, 29.0, 0.0);
(406977.6, 3747835.9, 29.0, 29.0, 0.0); (406970.1, 3747839.1, 29.0, 29.0, 0.0);
(407037.5, 3747767.3, 29.0, 29.0, 0.0); (407037.5, 3747758.2, 29.0, 29.0, 0.0);
(407037.5, 3747749.1, 29.0, 29.0, 0.0); (407037.5, 3747740.0, 29.0, 29.0, 0.0);
(407037.5, 3747730.9, 29.0, 29.0, 0.0); (407037.6, 3747721.8, 29.0, 29.0, 0.0);
(407037.6, 3747712.7, 29.0, 29.0, 0.0); (407037.6, 3747703.6, 29.0, 29.0, 0.0);
(407039.1, 3747775.4, 29.0, 29.0, 0.0); (407035.8, 3747783.4, 29.0, 29.0, 0.0);
(407032.4, 3747791.5, 29.0, 29.0, 0.0); (407029.1, 3747799.6, 29.0, 29.0, 0.0);
(407025.7, 3747807.7, 29.0, 29.0, 0.0); (407022.4, 3747815.7, 29.0, 29.0, 0.0);
(407011.0, 3747827.1, 29.0, 29.0, 0.0); (407002.9, 3747830.5, 29.0, 29.0, 0.0);
(406986.7, 3747837.2, 29.0, 29.0, 0.0); (406978.6, 3747840.5, 29.0, 29.0, 0.0);
(406970.6, 3747843.9, 29.0, 29.0, 0.0); (407042.5, 3747767.3, 29.0, 29.0, 0.0);
(407042.5, 3747758.2, 29.0, 29.0, 0.0); (407042.5, 3747749.1, 29.0, 29.0, 0.0);
(407042.5, 3747740.0, 29.0, 29.0, 0.0); (407042.5, 3747730.9, 29.0, 29.0, 0.0);
(407042.6, 3747721.8, 29.0, 29.0, 0.0); (407042.6, 3747712.7, 29.0, 29.0, 0.0);
(407042.6, 3747703.6, 29.0, 29.0, 0.0); (407044.4, 3747774.8, 29.0, 29.0, 0.0);
(407041.3, 3747782.3, 29.0, 29.0, 0.0); (407038.1, 3747789.8, 29.0, 29.0, 0.0);
(407035.0, 3747797.3, 29.0, 29.0, 0.0); (407031.9, 3747804.8, 29.0, 29.0, 0.0);
(407028.8, 3747812.3, 29.0, 29.0, 0.0); (407025.7, 3747819.8, 29.0, 29.0, 0.0);
(407015.1, 3747830.4, 29.0, 29.0, 0.0); (407007.5, 3747833.6, 29.0, 29.0, 0.0);
(407000.0, 3747836.7, 29.0, 29.0, 0.0); (406992.5, 3747839.8, 29.0, 29.0, 0.0);
(406985.0, 3747842.9, 29.0, 29.0, 0.0); (406977.5, 3747846.0, 29.0, 29.0, 0.0);
(406970.0, 3747849.1, 29.0, 29.0, 0.0); (407047.5, 3747767.3, 29.0, 29.0, 0.0);
(407047.5, 3747758.2, 29.0, 29.0, 0.0); (407047.5, 3747749.1, 29.0, 29.0, 0.0);
(407047.5, 3747740.0, 29.0, 29.0, 0.0); (407047.5, 3747730.9, 29.0, 29.0, 0.0);
(407047.6, 3747721.8, 29.0, 29.0, 0.0); (407047.6, 3747712.7, 29.0, 29.0, 0.0);
(407047.6, 3747703.6, 29.0, 29.0, 0.0); (407049.2, 3747775.3, 29.0, 29.0, 0.0);

(407045.9, 3747783.2, 29.0, 29.0, 0.0); (407042.6,
3747791.1, 29.0, 29.0, 0.0);
(407039.3, 3747799.1, 29.0, 29.0, 0.0); (407036.0,
3747807.0, 29.0, 29.0, 0.0);
(407032.7, 3747815.0, 29.0, 29.0, 0.0); (407029.4,
3747822.9, 29.0, 29.0, 0.0);
(407018.1, 3747834.2, 29.0, 29.0, 0.0); (407010.2,
3747837.5, 29.0, 29.0, 0.0);
(407002.2, 3747840.8, 29.0, 29.0, 0.0); (406994.3,
3747844.0, 29.0, 29.0, 0.0);
(406978.4, 3747850.6, 29.0, 29.0, 0.0); (406970.5,
3747853.9, 29.0, 29.0, 0.0);
(407052.5, 3747767.3, 29.0, 29.0, 0.0); (407052.5,
3747758.2, 29.0, 29.0, 0.0);
(407052.5, 3747749.1, 29.0, 29.0, 0.0); (407052.5,
3747740.0, 29.0, 29.0, 0.0);
(407052.5, 3747730.9, 29.0, 29.0, 0.0); (407052.6,
3747721.8, 29.0, 29.0, 0.0);
(407052.6, 3747712.7, 29.0, 29.0, 0.0); (407052.6,
3747703.6, 29.0, 29.0, 0.0);
(407054.0, 3747775.7, 29.0, 29.0, 0.0); (407050.5,
3747784.1, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407047.0, 3747792.5, 29.0, 29.0, 0.0); (407043.6,
3747800.9, 29.0, 29.0, 0.0);
(407040.1, 3747809.3, 29.0, 29.0, 0.0); (407036.6,
3747817.6, 29.0, 29.0, 0.0);
(407033.1, 3747826.0, 29.0, 29.0, 0.0); (407021.2,
3747837.9, 29.0, 29.0, 0.0);
(407012.8, 3747841.4, 29.0, 29.0, 0.0); (407004.5,
3747844.8, 29.0, 29.0, 0.0);
(406996.1, 3747848.3, 29.0, 29.0, 0.0); (406987.7,
3747851.8, 29.0, 29.0, 0.0);
(406979.3, 3747855.2, 29.0, 29.0, 0.0); (406970.9,
3747858.7, 29.0, 29.0, 0.0);
(407057.5, 3747767.3, 29.0, 29.0, 0.0); (407057.5,
3747758.2, 29.0, 29.0, 0.0);
(407057.5, 3747749.1, 29.0, 29.0, 0.0); (407057.5,
3747740.0, 29.0, 29.0, 0.0);
(407057.5, 3747730.9, 29.0, 29.0, 0.0); (407057.6,
3747721.8, 29.0, 29.0, 0.0);
(407057.6, 3747712.7, 29.0, 29.0, 0.0); (407057.6,
3747703.6, 29.0, 29.0, 0.0);
(407059.2, 3747775.2, 29.0, 29.0, 0.0); (407056.0,
3747783.0, 29.0, 29.0, 0.0);
(407052.7, 3747790.9, 29.0, 29.0, 0.0); (407049.5,
3747798.7, 29.0, 29.0, 0.0);
(407046.2, 3747806.6, 29.0, 29.0, 0.0); (407042.9,
3747814.4, 29.0, 29.0, 0.0);
(407039.7, 3747822.3, 29.0, 29.0, 0.0); (407036.4,
3747830.1, 29.0, 29.0, 0.0);
(407025.3, 3747841.2, 29.0, 29.0, 0.0); (407017.5,
3747844.4, 29.0, 29.0, 0.0);
(407009.6, 3747847.7, 29.0, 29.0, 0.0); (407001.8,
3747850.9, 29.0, 29.0, 0.0);

(406993.9, 3747854.2, 29.0, 29.0, 0.0); (406986.1, 3747857.4, 29.0, 29.0, 0.0);
(406978.2, 3747860.7, 29.0, 29.0, 0.0); (406970.3, 3747863.9, 29.0, 29.0, 0.0);
(407062.5, 3747767.3, 29.0, 29.0, 0.0); (407062.5, 3747758.2, 29.0, 29.0, 0.0);
(407062.5, 3747749.1, 29.0, 29.0, 0.0); (407062.5, 3747740.0, 29.0, 29.0, 0.0);
(407062.5, 3747730.9, 29.0, 29.0, 0.0); (407062.6, 3747721.8, 29.0, 29.0, 0.0);
(407062.6, 3747712.7, 29.0, 29.0, 0.0); (407062.6, 3747703.6, 29.0, 29.0, 0.0);
(406962.6, 3747698.5, 29.0, 29.0, 0.0); (406953.5, 3747698.5, 29.0, 29.0, 0.0);
(406944.4, 3747698.5, 29.0, 29.0, 0.0); (406935.2, 3747698.5, 29.0, 29.0, 0.0);
(406926.1, 3747698.5, 29.0, 29.0, 0.0); (406917.0, 3747698.5, 29.0, 29.0, 0.0);
(406907.9, 3747698.5, 29.0, 29.0, 0.0); (406898.8, 3747698.5, 29.0, 29.0, 0.0);
(406962.6, 3747693.5, 29.0, 29.0, 0.0); (406953.5, 3747693.5, 29.0, 29.0, 0.0);
(406944.4, 3747693.5, 29.0, 29.0, 0.0); (406935.2, 3747693.5, 29.0, 29.0, 0.0);
(406926.1, 3747693.5, 29.0, 29.0, 0.0); (406917.0, 3747693.5, 29.0, 29.0, 0.0);
(406907.9, 3747693.5, 29.0, 29.0, 0.0); (406898.8, 3747693.5, 29.0, 29.0, 0.0);
(406967.9, 3747690.7, 29.0, 29.0, 0.0); (406975.4, 3747698.2, 29.0, 29.0, 0.0);
(406962.6, 3747688.5, 29.0, 29.0, 0.0); (406953.5, 3747688.5, 29.0, 29.0, 0.0);
(406944.4, 3747688.5, 29.0, 29.0, 0.0); (406935.2, 3747688.5, 29.0, 29.0, 0.0);
(406926.1, 3747688.5, 29.0, 29.0, 0.0); (406917.0, 3747688.5, 29.0, 29.0, 0.0);
(406907.9, 3747688.5, 29.0, 29.0, 0.0); (406898.8, 3747688.5, 29.0, 29.0, 0.0);
(406969.7, 3747686.4, 29.0, 29.0, 0.0); (406979.7, 3747696.5, 29.0, 29.0, 0.0);
(406962.6, 3747683.5, 29.0, 29.0, 0.0); (406953.5, 3747683.5, 29.0, 29.0, 0.0);
(406944.4, 3747683.5, 29.0, 29.0, 0.0); (406935.2, 3747683.5, 29.0, 29.0, 0.0);
(406926.1, 3747683.5, 29.0, 29.0, 0.0); (406917.0, 3747683.5, 29.0, 29.0, 0.0);
(406907.9, 3747683.5, 29.0, 29.0, 0.0); (406898.8, 3747683.5, 29.0, 29.0, 0.0);
(406968.5, 3747681.0, 29.0, 29.0, 0.0); (406974.4, 3747683.4, 29.0, 29.0, 0.0);
(406982.7, 3747691.8, 29.0, 29.0, 0.0); (406985.1, 3747697.6, 29.0, 29.0, 0.0);
(406962.6, 3747678.5, 29.0, 29.0, 0.0); (406953.5, 3747678.5, 29.0, 29.0, 0.0);
(406944.4, 3747678.5, 29.0, 29.0, 0.0); (406935.2, 3747678.5, 29.0, 29.0, 0.0);
(406926.1, 3747678.5, 29.0, 29.0, 0.0); (406917.0, 3747678.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406907.9, 3747678.5, 29.0, 29.0, 0.0); (406898.8, 3747678.5, 29.0, 29.0, 0.0);
(406969.7, 3747676.4, 29.0, 29.0, 0.0); (406976.7, 3747679.4, 29.0, 29.0, 0.0);
(406986.7, 3747689.4, 29.0, 29.0, 0.0); (406989.7, 3747696.5, 29.0, 29.0, 0.0);
(406962.6, 3747673.5, 29.0, 29.0, 0.0); (406953.5, 3747673.5, 29.0, 29.0, 0.0);
(406944.4, 3747673.5, 29.0, 29.0, 0.0); (406935.2, 3747673.5, 29.0, 29.0, 0.0);
(406926.1, 3747673.5, 29.0, 29.0, 0.0); (406917.0, 3747673.5, 29.0, 29.0, 0.0);
(406907.9, 3747673.5, 29.0, 29.0, 0.0); (406898.8, 3747673.5, 29.0, 29.0, 0.0);
(406970.8, 3747671.9, 29.0, 29.0, 0.0); (406979.1, 3747675.4, 29.0, 29.0, 0.0);
(406990.8, 3747687.0, 29.0, 29.0, 0.0); (406994.2, 3747695.3, 29.0, 29.0, 0.0);
(406962.6, 3747668.5, 29.0, 29.0, 0.0); (406953.5, 3747668.5, 29.0, 29.0, 0.0);
(406944.4, 3747668.5, 29.0, 29.0, 0.0); (406935.2, 3747668.5, 29.0, 29.0, 0.0);
(406926.1, 3747668.5, 29.0, 29.0, 0.0); (406917.0, 3747668.5, 29.0, 29.0, 0.0);
(406907.9, 3747668.5, 29.0, 29.0, 0.0); (406898.8, 3747668.5, 29.0, 29.0, 0.0);
(406969.7, 3747666.4, 29.0, 29.0, 0.0); (406976.7, 3747669.4, 29.0, 29.0, 0.0);
(406983.8, 3747672.3, 29.0, 29.0, 0.0); (406993.8, 3747682.3, 29.0, 29.0, 0.0);
(406996.7, 3747689.4, 29.0, 29.0, 0.0); (406999.7, 3747696.5, 29.0, 29.0, 0.0);
(406962.6, 3747663.5, 29.0, 29.0, 0.0); (406953.5, 3747663.5, 29.0, 29.0, 0.0);
(406944.4, 3747663.5, 29.0, 29.0, 0.0); (406935.2, 3747663.5, 29.0, 29.0, 0.0);
(406926.1, 3747663.5, 29.0, 29.0, 0.0); (406917.0, 3747663.5, 29.0, 29.0, 0.0);
(406907.9, 3747663.5, 29.0, 29.0, 0.0); (406898.8, 3747663.5, 29.0, 29.0, 0.0);
(406970.5, 3747661.8, 29.0, 29.0, 0.0); (406978.5, 3747665.1, 29.0, 29.0, 0.0);
(406986.5, 3747668.4, 29.0, 29.0, 0.0); (406997.7, 3747679.7, 29.0, 29.0, 0.0);
(407001.0, 3747687.6, 29.0, 29.0, 0.0); (407004.3, 3747695.6, 29.0, 29.0, 0.0);
(406962.6, 3747658.5, 29.0, 29.0, 0.0); (406953.5, 3747658.5, 29.0, 29.0, 0.0);
(406944.4, 3747658.5, 29.0, 29.0, 0.0); (406935.2, 3747658.5, 29.0, 29.0, 0.0);
(406926.1, 3747658.5, 29.0, 29.0, 0.0); (406917.0, 3747658.5, 29.0, 29.0, 0.0);
(406907.9, 3747658.5, 29.0, 29.0, 0.0); (406898.8, 3747658.5, 29.0, 29.0, 0.0);
(406969.7, 3747656.4, 29.0, 29.0, 0.0); (406976.7, 3747659.4, 29.0, 29.0, 0.0);
(406983.8, 3747662.3, 29.0, 29.0, 0.0); (406990.9, 3747665.2, 29.0, 29.0, 0.0);
(407000.9, 3747675.3, 29.0, 29.0, 0.0); (407003.8, 3747682.3, 29.0, 29.0, 0.0);
(407006.7, 3747689.4, 29.0, 29.0, 0.0); (407009.7, 3747696.5, 29.0, 29.0, 0.0);

(406962.6, 3747653.5, 29.0, 29.0, 0.0); (406953.5,
3747653.5, 29.0, 29.0, 0.0);
(406944.4, 3747653.5, 29.0, 29.0, 0.0); (406935.2,
3747653.5, 29.0, 29.0, 0.0);
(406926.1, 3747653.5, 29.0, 29.0, 0.0); (406917.0,
3747653.5, 29.0, 29.0, 0.0);
(406907.9, 3747653.5, 29.0, 29.0, 0.0); (406898.8,
3747653.5, 29.0, 29.0, 0.0);
(406970.4, 3747651.8, 29.0, 29.0, 0.0); (406978.1,
3747655.0, 29.0, 29.0, 0.0);
(406985.9, 3747658.2, 29.0, 29.0, 0.0); (406993.7,
3747661.4, 29.0, 29.0, 0.0);
(407004.7, 3747672.4, 29.0, 29.0, 0.0); (407007.9,
3747680.2, 29.0, 29.0, 0.0);
(407011.1, 3747688.0, 29.0, 29.0, 0.0); (407014.4,
3747695.8, 29.0, 29.0, 0.0);
(406962.6, 3747648.5, 29.0, 29.0, 0.0); (406953.5,
3747648.5, 29.0, 29.0, 0.0);
(406944.4, 3747648.5, 29.0, 29.0, 0.0); (406935.2,
3747648.5, 29.0, 29.0, 0.0);
(406926.1, 3747648.5, 29.0, 29.0, 0.0); (406917.0,
3747648.5, 29.0, 29.0, 0.0);
(406907.9, 3747648.5, 29.0, 29.0, 0.0); (406898.8,
3747648.5, 29.0, 29.0, 0.0);
(406969.7, 3747646.4, 29.0, 29.0, 0.0); (406976.7,
3747649.4, 29.0, 29.0, 0.0);
(406983.8, 3747652.3, 29.0, 29.0, 0.0); (406990.9,
3747655.2, 29.0, 29.0, 0.0);

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

(406998.0, 3747658.2, 29.0, 29.0, 0.0); (407008.0,
3747668.2, 29.0, 29.0, 0.0);
(407010.9, 3747675.3, 29.0, 29.0, 0.0); (407013.8,
3747682.4, 29.0, 29.0, 0.0);
(407016.7, 3747689.4, 29.0, 29.0, 0.0); (407019.7,
3747696.5, 29.0, 29.0, 0.0);
(406962.6, 3747643.5, 29.0, 29.0, 0.0); (406953.5,
3747643.5, 29.0, 29.0, 0.0);
(406944.4, 3747643.5, 29.0, 29.0, 0.0); (406935.2,
3747643.5, 29.0, 29.0, 0.0);
(406926.1, 3747643.5, 29.0, 29.0, 0.0); (406917.0,
3747643.5, 29.0, 29.0, 0.0);
(406907.9, 3747643.5, 29.0, 29.0, 0.0); (406898.8,
3747643.5, 29.0, 29.0, 0.0);
(406970.2, 3747641.7, 29.0, 29.0, 0.0); (406977.9,
3747644.9, 29.0, 29.0, 0.0);
(406985.6, 3747648.0, 29.0, 29.0, 0.0); (406993.2,
3747651.2, 29.0, 29.0, 0.0);
(407000.9, 3747654.4, 29.0, 29.0, 0.0); (407011.7,
3747665.3, 29.0, 29.0, 0.0);
(407014.9, 3747672.9, 29.0, 29.0, 0.0); (407018.1,
3747680.6, 29.0, 29.0, 0.0);
(407021.2, 3747688.3, 29.0, 29.0, 0.0); (407024.4,
3747695.9, 29.0, 29.0, 0.0);
(406962.6, 3747638.5, 29.0, 29.0, 0.0); (406953.5,
3747638.5, 29.0, 29.0, 0.0);

(406944.4, 3747638.5, 29.0, 29.0, 0.0); (406935.2, 3747638.5, 29.0, 29.0, 0.0);
(406926.1, 3747638.5, 29.0, 29.0, 0.0); (406917.0, 3747638.5, 29.0, 29.0, 0.0);
(406907.9, 3747638.5, 29.0, 29.0, 0.0); (406898.8, 3747638.5, 29.0, 29.0, 0.0);
(406970.8, 3747636.9, 29.0, 29.0, 0.0); (406979.1, 3747640.4, 29.0, 29.0, 0.0);
(406987.3, 3747643.8, 29.0, 29.0, 0.0); (406995.6, 3747647.2, 29.0, 29.0, 0.0);
(407003.8, 3747650.6, 29.0, 29.0, 0.0); (407015.5, 3747662.3, 29.0, 29.0, 0.0);
(407018.9, 3747670.6, 29.0, 29.0, 0.0); (407022.3, 3747678.8, 29.0, 29.0, 0.0);
(407025.8, 3747687.1, 29.0, 29.0, 0.0); (407029.2, 3747695.3, 29.0, 29.0, 0.0);
(406962.6, 3747633.5, 29.0, 29.0, 0.0); (406953.5, 3747633.5, 29.0, 29.0, 0.0);
(406944.4, 3747633.5, 29.0, 29.0, 0.0); (406935.2, 3747633.5, 29.0, 29.0, 0.0);
(406926.1, 3747633.5, 29.0, 29.0, 0.0); (406917.0, 3747633.5, 29.0, 29.0, 0.0);
(406907.9, 3747633.5, 29.0, 29.0, 0.0); (406898.8, 3747633.5, 29.0, 29.0, 0.0);
(406970.2, 3747631.7, 29.0, 29.0, 0.0); (406977.7, 3747634.8, 29.0, 29.0, 0.0);
(406985.3, 3747637.9, 29.0, 29.0, 0.0); (406992.9, 3747641.1, 29.0, 29.0, 0.0);
(407000.5, 3747644.2, 29.0, 29.0, 0.0); (407008.1, 3747647.4, 29.0, 29.0, 0.0);
(407018.8, 3747658.1, 29.0, 29.0, 0.0); (407021.9, 3747665.7, 29.0, 29.0, 0.0);
(407025.0, 3747673.3, 29.0, 29.0, 0.0); (407028.2, 3747680.9, 29.0, 29.0, 0.0);
(407031.3, 3747688.4, 29.0, 29.0, 0.0); (407034.5, 3747696.0, 29.0, 29.0, 0.0);
(406962.6, 3747628.5, 29.0, 29.0, 0.0); (406953.5, 3747628.5, 29.0, 29.0, 0.0);
(406944.4, 3747628.5, 29.0, 29.0, 0.0); (406935.2, 3747628.5, 29.0, 29.0, 0.0);
(406926.1, 3747628.5, 29.0, 29.0, 0.0); (406917.0, 3747628.5, 29.0, 29.0, 0.0);
(406907.9, 3747628.5, 29.0, 29.0, 0.0); (406898.8, 3747628.5, 29.0, 29.0, 0.0);
(406970.7, 3747626.9, 29.0, 29.0, 0.0); (406978.8, 3747630.2, 29.0, 29.0, 0.0);
(406986.8, 3747633.6, 29.0, 29.0, 0.0); (407003.0, 3747640.3, 29.0, 29.0, 0.0);
(407011.1, 3747643.6, 29.0, 29.0, 0.0); (407022.5, 3747655.1, 29.0, 29.0, 0.0);
(407025.9, 3747663.2, 29.0, 29.0, 0.0); (407029.2, 3747671.3, 29.0, 29.0, 0.0);
(407032.5, 3747679.3, 29.0, 29.0, 0.0); (407035.9, 3747687.4, 29.0, 29.0, 0.0);
(407039.2, 3747695.5, 29.0, 29.0, 0.0); (406962.6, 3747623.5, 29.0, 29.0, 0.0);
(406953.5, 3747623.5, 29.0, 29.0, 0.0); (406944.4, 3747623.5, 29.0, 29.0, 0.0);
(406935.2, 3747623.5, 29.0, 29.0, 0.0); (406926.1, 3747623.5, 29.0, 29.0, 0.0);
(406917.0, 3747623.5, 29.0, 29.0, 0.0); (406907.9, 3747623.5, 29.0, 29.0, 0.0);
(406898.8, 3747623.5, 29.0, 29.0, 0.0); (406970.1, 3747621.6, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406977.6, 3747624.8, 29.0, 29.0, 0.0); (406985.1, 3747627.9, 29.0, 29.0, 0.0);
(406992.6, 3747631.0, 29.0, 29.0, 0.0); (407000.2, 3747634.1, 29.0, 29.0, 0.0);
(407007.7, 3747637.2, 29.0, 29.0, 0.0); (407015.2, 3747640.3, 29.0, 29.0, 0.0);
(407025.8, 3747651.0, 29.0, 29.0, 0.0); (407028.9, 3747658.5, 29.0, 29.0, 0.0);
(407032.0, 3747666.0, 29.0, 29.0, 0.0); (407035.1, 3747673.5, 29.0, 29.0, 0.0);
(407038.3, 3747681.1, 29.0, 29.0, 0.0); (407041.4, 3747688.6, 29.0, 29.0, 0.0);
(407044.5, 3747696.1, 29.0, 29.0, 0.0); (406962.6, 3747618.5, 29.0, 29.0, 0.0);
(406953.5, 3747618.5, 29.0, 29.0, 0.0); (406944.4, 3747618.5, 29.0, 29.0, 0.0);
(406935.2, 3747618.5, 29.0, 29.0, 0.0); (406926.1, 3747618.5, 29.0, 29.0, 0.0);
(406917.0, 3747618.5, 29.0, 29.0, 0.0); (406907.9, 3747618.5, 29.0, 29.0, 0.0);
(406898.8, 3747618.5, 29.0, 29.0, 0.0); (406970.5, 3747616.8, 29.0, 29.0, 0.0);
(406978.5, 3747620.1, 29.0, 29.0, 0.0); (406994.4, 3747626.7, 29.0, 29.0, 0.0);
(407002.4, 3747630.0, 29.0, 29.0, 0.0); (407010.3, 3747633.3, 29.0, 29.0, 0.0);
(407018.3, 3747636.6, 29.0, 29.0, 0.0); (407029.5, 3747647.9, 29.0, 29.0, 0.0);
(407032.8, 3747655.8, 29.0, 29.0, 0.0); (407036.1, 3747663.8, 29.0, 29.0, 0.0);
(407039.4, 3747671.8, 29.0, 29.0, 0.0); (407042.7, 3747679.7, 29.0, 29.0, 0.0);
(407046.0, 3747687.7, 29.0, 29.0, 0.0); (407049.3, 3747695.7, 29.0, 29.0, 0.0);
(406962.6, 3747613.5, 29.0, 29.0, 0.0); (406953.5, 3747613.5, 29.0, 29.0, 0.0);
(406944.4, 3747613.5, 29.0, 29.0, 0.0); (406935.2, 3747613.5, 29.0, 29.0, 0.0);
(406926.1, 3747613.5, 29.0, 29.0, 0.0); (406917.0, 3747613.5, 29.0, 29.0, 0.0);
(406907.9, 3747613.5, 29.0, 29.0, 0.0); (406898.8, 3747613.5, 29.0, 29.0, 0.0);
(406971.0, 3747612.0, 29.0, 29.0, 0.0); (406979.4, 3747615.5, 29.0, 29.0, 0.0);
(406987.8, 3747619.0, 29.0, 29.0, 0.0); (406996.2, 3747622.4, 29.0, 29.0, 0.0);
(407004.6, 3747625.9, 29.0, 29.0, 0.0); (407013.0, 3747629.4, 29.0, 29.0, 0.0);
(407021.4, 3747632.9, 29.0, 29.0, 0.0); (407033.3, 3747644.8, 29.0, 29.0, 0.0);
(407036.7, 3747653.2, 29.0, 29.0, 0.0); (407040.2, 3747661.6, 29.0, 29.0, 0.0);
(407043.7, 3747670.0, 29.0, 29.0, 0.0); (407047.2, 3747678.4, 29.0, 29.0, 0.0);
(407050.6, 3747686.8, 29.0, 29.0, 0.0); (407054.1, 3747695.2, 29.0, 29.0, 0.0);

(406962.6, 3747608.5, 29.0, 29.0, 0.0); (406953.5, 3747608.5, 29.0, 29.0, 0.0);
(406944.4, 3747608.5, 29.0, 29.0, 0.0); (406935.2, 3747608.5, 29.0, 29.0, 0.0);
(406926.1, 3747608.5, 29.0, 29.0, 0.0); (406917.0, 3747608.5, 29.0, 29.0, 0.0);
(406907.9, 3747608.5, 29.0, 29.0, 0.0); (406898.8, 3747608.5, 29.0, 29.0, 0.0);
(406970.4, 3747606.8, 29.0, 29.0, 0.0); (406978.3, 3747610.0, 29.0, 29.0, 0.0);
(406986.2, 3747613.3, 29.0, 29.0, 0.0); (406994.0, 3747616.6, 29.0, 29.0, 0.0);
(407001.9, 3747619.8, 29.0, 29.0, 0.0); (407009.8, 3747623.1, 29.0, 29.0, 0.0);
(407017.6, 3747626.3, 29.0, 29.0, 0.0); (407025.5, 3747629.6, 29.0, 29.0, 0.0);
(407036.6, 3747640.7, 29.0, 29.0, 0.0); (407039.8, 3747648.6, 29.0, 29.0, 0.0);
(407043.1, 3747656.4, 29.0, 29.0, 0.0); (407046.3, 3747664.3, 29.0, 29.0, 0.0);
(407049.6, 3747672.2, 29.0, 29.0, 0.0); (407052.8, 3747680.0, 29.0, 29.0, 0.0);
(407056.1, 3747687.9, 29.0, 29.0, 0.0); (407059.3, 3747695.8, 29.0, 29.0, 0.0);
(406962.6, 3747603.5, 29.0, 29.0, 0.0); (406953.5, 3747603.5, 29.0, 29.0, 0.0);
(406944.4, 3747603.5, 29.0, 29.0, 0.0); (406935.2, 3747603.5, 29.0, 29.0, 0.0);
(406926.1, 3747603.5, 29.0, 29.0, 0.0); (406917.0, 3747603.5, 29.0, 29.0, 0.0);
(406907.9, 3747603.5, 29.0, 29.0, 0.0); (406898.8, 3747603.5, 29.0, 29.0, 0.0);
(406893.8, 3747703.5, 29.0, 29.0, 0.0); (406893.8, 3747712.6, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406893.8, 3747721.7, 29.0, 29.0, 0.0); (406893.8, 3747730.8, 29.0, 29.0, 0.0);
(406893.8, 3747739.9, 29.0, 29.0, 0.0); (406893.8, 3747749.0, 29.0, 29.0, 0.0);
(406893.8, 3747758.1, 29.0, 29.0, 0.0); (406893.8, 3747767.2, 29.0, 29.0, 0.0);
(406888.8, 3747703.5, 29.0, 29.0, 0.0); (406888.8, 3747712.6, 29.0, 29.0, 0.0);
(406888.8, 3747721.7, 29.0, 29.0, 0.0); (406888.8, 3747730.8, 29.0, 29.0, 0.0);
(406888.8, 3747739.9, 29.0, 29.0, 0.0); (406888.8, 3747749.0, 29.0, 29.0, 0.0);
(406888.8, 3747758.1, 29.0, 29.0, 0.0); (406888.8, 3747767.2, 29.0, 29.0, 0.0);
(406886.0, 3747698.2, 29.0, 29.0, 0.0); (406893.5, 3747690.7, 29.0, 29.0, 0.0);
(406883.8, 3747703.5, 29.0, 29.0, 0.0); (406883.8, 3747712.6, 29.0, 29.0, 0.0);
(406883.8, 3747721.7, 29.0, 29.0, 0.0); (406883.8, 3747730.8, 29.0, 29.0, 0.0);

(406883.8, 3747739.9, 29.0, 29.0, 0.0); (406883.8,
3747749.0, 29.0, 29.0, 0.0);
(406883.8, 3747758.1, 29.0, 29.0, 0.0); (406883.8,
3747767.2, 29.0, 29.0, 0.0);
(406881.8, 3747696.4, 29.0, 29.0, 0.0); (406891.8,
3747686.4, 29.0, 29.0, 0.0);
(406878.8, 3747703.5, 29.0, 29.0, 0.0); (406878.8,
3747712.6, 29.0, 29.0, 0.0);
(406878.8, 3747721.7, 29.0, 29.0, 0.0); (406878.8,
3747730.8, 29.0, 29.0, 0.0);
(406878.8, 3747739.9, 29.0, 29.0, 0.0); (406878.8,
3747749.0, 29.0, 29.0, 0.0);
(406878.8, 3747758.1, 29.0, 29.0, 0.0); (406878.8,
3747767.2, 29.0, 29.0, 0.0);
(406876.3, 3747697.6, 29.0, 29.0, 0.0); (406878.7,
3747691.7, 29.0, 29.0, 0.0);
(406887.0, 3747683.4, 29.0, 29.0, 0.0); (406892.9,
3747681.0, 29.0, 29.0, 0.0);
(406873.8, 3747703.5, 29.0, 29.0, 0.0); (406873.8,
3747712.6, 29.0, 29.0, 0.0);
(406873.8, 3747721.7, 29.0, 29.0, 0.0); (406873.8,
3747730.8, 29.0, 29.0, 0.0);
(406873.8, 3747739.9, 29.0, 29.0, 0.0); (406873.8,
3747749.0, 29.0, 29.0, 0.0);
(406873.8, 3747758.1, 29.0, 29.0, 0.0); (406873.8,
3747767.2, 29.0, 29.0, 0.0);
(406871.8, 3747696.4, 29.0, 29.0, 0.0); (406874.7,
3747689.4, 29.0, 29.0, 0.0);
(406884.7, 3747679.4, 29.0, 29.0, 0.0); (406891.8,
3747676.4, 29.0, 29.0, 0.0);
(406868.8, 3747703.5, 29.0, 29.0, 0.0); (406868.8,
3747712.6, 29.0, 29.0, 0.0);
(406868.8, 3747721.7, 29.0, 29.0, 0.0); (406868.8,
3747730.8, 29.0, 29.0, 0.0);
(406868.8, 3747739.9, 29.0, 29.0, 0.0); (406868.8,
3747749.0, 29.0, 29.0, 0.0);
(406868.8, 3747758.1, 29.0, 29.0, 0.0); (406868.8,
3747767.2, 29.0, 29.0, 0.0);
(406867.2, 3747695.3, 29.0, 29.0, 0.0); (406870.6,
3747687.0, 29.0, 29.0, 0.0);
(406882.3, 3747675.3, 29.0, 29.0, 0.0); (406890.6,
3747671.9, 29.0, 29.0, 0.0);
(406863.8, 3747703.5, 29.0, 29.0, 0.0); (406863.8,
3747712.6, 29.0, 29.0, 0.0);
(406863.8, 3747721.7, 29.0, 29.0, 0.0); (406863.8,
3747730.8, 29.0, 29.0, 0.0);
(406863.8, 3747739.9, 29.0, 29.0, 0.0); (406863.8,
3747749.0, 29.0, 29.0, 0.0);
(406863.8, 3747758.1, 29.0, 29.0, 0.0); (406863.8,
3747767.2, 29.0, 29.0, 0.0);
(406861.8, 3747696.4, 29.0, 29.0, 0.0); (406864.7,
3747689.4, 29.0, 29.0, 0.0);
(406867.6, 3747682.3, 29.0, 29.0, 0.0); (406877.6,
3747672.3, 29.0, 29.0, 0.0);
(406884.7, 3747669.4, 29.0, 29.0, 0.0); (406891.8,
3747666.4, 29.0, 29.0, 0.0);
(406858.8, 3747703.5, 29.0, 29.0, 0.0); (406858.8,
3747712.6, 29.0, 29.0, 0.0);
(406858.8, 3747721.7, 29.0, 29.0, 0.0); (406858.8,
3747730.8, 29.0, 29.0, 0.0);
(406858.8, 3747739.9, 29.0, 29.0, 0.0); (406858.8,
3747749.0, 29.0, 29.0, 0.0);
(406858.8, 3747758.1, 29.0, 29.0, 0.0); (406858.8,
3747767.2, 29.0, 29.0, 0.0);
(406857.1, 3747695.6, 29.0, 29.0, 0.0); (406860.4,
3747687.6, 29.0, 29.0, 0.0);

(406863.7, 3747679.7, 29.0, 29.0, 0.0); (406875.0, 3747668.4, 29.0, 29.0, 0.0);
(406882.9, 3747665.1, 29.0, 29.0, 0.0); (406890.9, 3747661.8, 29.0, 29.0, 0.0);

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

(406853.8, 3747703.5, 29.0, 29.0, 0.0); (406853.8, 3747712.6, 29.0, 29.0, 0.0);
(406853.8, 3747721.7, 29.0, 29.0, 0.0); (406853.8, 3747730.8, 29.0, 29.0, 0.0);
(406853.8, 3747739.9, 29.0, 29.0, 0.0); (406853.8, 3747749.0, 29.0, 29.0, 0.0);
(406853.8, 3747758.1, 29.0, 29.0, 0.0); (406853.8, 3747767.2, 29.0, 29.0, 0.0);
(406851.8, 3747696.4, 29.0, 29.0, 0.0); (406854.7, 3747689.4, 29.0, 29.0, 0.0);
(406857.6, 3747682.3, 29.0, 29.0, 0.0); (406860.5, 3747675.2, 29.0, 29.0, 0.0);
(406870.5, 3747665.2, 29.0, 29.0, 0.0); (406877.6, 3747662.3, 29.0, 29.0, 0.0);
(406884.7, 3747659.4, 29.0, 29.0, 0.0); (406891.8, 3747656.4, 29.0, 29.0, 0.0);
(406848.8, 3747703.5, 29.0, 29.0, 0.0); (406848.8, 3747712.6, 29.0, 29.0, 0.0);
(406848.8, 3747721.7, 29.0, 29.0, 0.0); (406848.8, 3747730.8, 29.0, 29.0, 0.0);
(406848.8, 3747739.9, 29.0, 29.0, 0.0); (406848.8, 3747749.0, 29.0, 29.0, 0.0);
(406848.8, 3747758.1, 29.0, 29.0, 0.0); (406848.8, 3747767.2, 29.0, 29.0, 0.0);
(406847.0, 3747695.7, 29.0, 29.0, 0.0); (406850.3, 3747688.0, 29.0, 29.0, 0.0);
(406853.5, 3747680.2, 29.0, 29.0, 0.0); (406856.7, 3747672.4, 29.0, 29.0, 0.0);
(406867.7, 3747661.4, 29.0, 29.0, 0.0); (406875.5, 3747658.2, 29.0, 29.0, 0.0);
(406883.3, 3747655.0, 29.0, 29.0, 0.0); (406891.0, 3747651.7, 29.0, 29.0, 0.0);
(406843.8, 3747703.5, 29.0, 29.0, 0.0); (406843.8, 3747712.6, 29.0, 29.0, 0.0);
(406843.8, 3747721.7, 29.0, 29.0, 0.0); (406843.8, 3747730.8, 29.0, 29.0, 0.0);
(406843.8, 3747739.9, 29.0, 29.0, 0.0); (406843.8, 3747749.0, 29.0, 29.0, 0.0);
(406843.8, 3747758.1, 29.0, 29.0, 0.0); (406843.8, 3747767.2, 29.0, 29.0, 0.0);
(406841.8, 3747696.4, 29.0, 29.0, 0.0); (406844.7, 3747689.4, 29.0, 29.0, 0.0);
(406847.6, 3747682.3, 29.0, 29.0, 0.0); (406850.5, 3747675.2, 29.0, 29.0, 0.0);
(406853.5, 3747668.2, 29.0, 29.0, 0.0); (406863.5, 3747658.2, 29.0, 29.0, 0.0);
(406870.5, 3747655.2, 29.0, 29.0, 0.0); (406877.6, 3747652.3, 29.0, 29.0, 0.0);
(406884.7, 3747649.4, 29.0, 29.0, 0.0); (406891.8, 3747646.4, 29.0, 29.0, 0.0);

(406838.8, 3747703.5, 29.0, 29.0, 0.0); (406838.8, 3747712.6, 29.0, 29.0, 0.0);
(406838.8, 3747721.7, 29.0, 29.0, 0.0); (406838.8, 3747730.8, 29.0, 29.0, 0.0);
(406838.8, 3747739.9, 29.0, 29.0, 0.0); (406838.8, 3747749.0, 29.0, 29.0, 0.0);
(406838.8, 3747758.1, 29.0, 29.0, 0.0); (406838.8, 3747767.2, 29.0, 29.0, 0.0);
(406837.0, 3747695.9, 29.0, 29.0, 0.0); (406840.2, 3747688.2, 29.0, 29.0, 0.0);
(406843.3, 3747680.5, 29.0, 29.0, 0.0); (406846.5, 3747672.9, 29.0, 29.0, 0.0);
(406849.7, 3747665.2, 29.0, 29.0, 0.0); (406860.5, 3747654.4, 29.0, 29.0, 0.0);
(406868.2, 3747651.2, 29.0, 29.0, 0.0); (406875.8, 3747648.0, 29.0, 29.0, 0.0);
(406883.5, 3747644.9, 29.0, 29.0, 0.0); (406891.2, 3747641.7, 29.0, 29.0, 0.0);
(406833.8, 3747703.5, 29.0, 29.0, 0.0); (406833.8, 3747712.6, 29.0, 29.0, 0.0);
(406833.8, 3747721.7, 29.0, 29.0, 0.0); (406833.8, 3747730.8, 29.0, 29.0, 0.0);
(406833.8, 3747739.9, 29.0, 29.0, 0.0); (406833.8, 3747749.0, 29.0, 29.0, 0.0);
(406833.8, 3747758.1, 29.0, 29.0, 0.0); (406833.8, 3747767.2, 29.0, 29.0, 0.0);
(406832.2, 3747695.3, 29.0, 29.0, 0.0); (406835.6, 3747687.0, 29.0, 29.0, 0.0);
(406839.1, 3747678.8, 29.0, 29.0, 0.0); (406842.5, 3747670.5, 29.0, 29.0, 0.0);
(406845.9, 3747662.3, 29.0, 29.0, 0.0); (406857.6, 3747650.6, 29.0, 29.0, 0.0);
(406865.8, 3747647.2, 29.0, 29.0, 0.0); (406874.1, 3747643.8, 29.0, 29.0, 0.0);
(406882.3, 3747640.3, 29.0, 29.0, 0.0); (406890.6, 3747636.9, 29.0, 29.0, 0.0);
(406828.8, 3747703.5, 29.0, 29.0, 0.0); (406828.8, 3747712.6, 29.0, 29.0, 0.0);
(406828.8, 3747721.7, 29.0, 29.0, 0.0); (406828.8, 3747730.8, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406828.8, 3747739.9, 29.0, 29.0, 0.0); (406828.8, 3747749.0, 29.0, 29.0, 0.0);
(406828.8, 3747758.1, 29.0, 29.0, 0.0); (406828.8, 3747767.2, 29.0, 29.0, 0.0);
(406827.0, 3747695.9, 29.0, 29.0, 0.0); (406830.1, 3747688.4, 29.0, 29.0, 0.0);
(406833.2, 3747680.8, 29.0, 29.0, 0.0); (406836.4, 3747673.2, 29.0, 29.0, 0.0);
(406839.5, 3747665.6, 29.0, 29.0, 0.0); (406842.6, 3747658.1, 29.0, 29.0, 0.0);
(406853.4, 3747647.3, 29.0, 29.0, 0.0); (406860.9, 3747644.2, 29.0, 29.0, 0.0);
(406868.5, 3747641.1, 29.0, 29.0, 0.0); (406876.1, 3747637.9, 29.0, 29.0, 0.0);

(406883.7, 3747634.8, 29.0, 29.0, 0.0); (406891.2, 3747631.7, 29.0, 29.0, 0.0);
(406823.8, 3747703.5, 29.0, 29.0, 0.0); (406823.8, 3747712.6, 29.0, 29.0, 0.0);
(406823.8, 3747721.7, 29.0, 29.0, 0.0); (406823.8, 3747730.8, 29.0, 29.0, 0.0);
(406823.8, 3747739.9, 29.0, 29.0, 0.0); (406823.8, 3747749.0, 29.0, 29.0, 0.0);
(406823.8, 3747758.1, 29.0, 29.0, 0.0); (406823.8, 3747767.2, 29.0, 29.0, 0.0);
(406822.2, 3747695.4, 29.0, 29.0, 0.0); (406825.5, 3747687.4, 29.0, 29.0, 0.0);
(406828.9, 3747679.3, 29.0, 29.0, 0.0); (406832.2, 3747671.2, 29.0, 29.0, 0.0);
(406835.6, 3747663.1, 29.0, 29.0, 0.0); (406838.9, 3747655.0, 29.0, 29.0, 0.0);
(406850.3, 3747643.6, 29.0, 29.0, 0.0); (406858.4, 3747640.3, 29.0, 29.0, 0.0);
(406874.6, 3747633.6, 29.0, 29.0, 0.0); (406882.7, 3747630.2, 29.0, 29.0, 0.0);
(406890.7, 3747626.9, 29.0, 29.0, 0.0); (406818.8, 3747703.5, 29.0, 29.0, 0.0);
(406818.8, 3747712.6, 29.0, 29.0, 0.0); (406818.8, 3747721.7, 29.0, 29.0, 0.0);
(406818.8, 3747730.8, 29.0, 29.0, 0.0); (406818.8, 3747739.9, 29.0, 29.0, 0.0);
(406818.8, 3747749.0, 29.0, 29.0, 0.0); (406818.8, 3747758.1, 29.0, 29.0, 0.0);
(406818.8, 3747767.2, 29.0, 29.0, 0.0); (406816.9, 3747696.0, 29.0, 29.0, 0.0);
(406820.0, 3747688.5, 29.0, 29.0, 0.0); (406823.2, 3747681.0, 29.0, 29.0, 0.0);
(406826.3, 3747673.5, 29.0, 29.0, 0.0); (406829.4, 3747665.9, 29.0, 29.0, 0.0);
(406832.5, 3747658.4, 29.0, 29.0, 0.0); (406835.6, 3747650.9, 29.0, 29.0, 0.0);
(406846.2, 3747640.3, 29.0, 29.0, 0.0); (406853.7, 3747637.2, 29.0, 29.0, 0.0);
(406861.2, 3747634.1, 29.0, 29.0, 0.0); (406868.8, 3747631.0, 29.0, 29.0, 0.0);
(406876.3, 3747627.9, 29.0, 29.0, 0.0); (406883.8, 3747624.7, 29.0, 29.0, 0.0);
(406891.3, 3747621.6, 29.0, 29.0, 0.0); (406813.8, 3747703.5, 29.0, 29.0, 0.0);
(406813.8, 3747712.6, 29.0, 29.0, 0.0); (406813.8, 3747721.7, 29.0, 29.0, 0.0);
(406813.8, 3747730.8, 29.0, 29.0, 0.0); (406813.8, 3747739.9, 29.0, 29.0, 0.0);
(406813.8, 3747749.0, 29.0, 29.0, 0.0); (406813.8, 3747758.1, 29.0, 29.0, 0.0);
(406813.8, 3747767.2, 29.0, 29.0, 0.0); (406812.1, 3747695.6, 29.0, 29.0, 0.0);
(406815.4, 3747687.6, 29.0, 29.0, 0.0); (406818.7, 3747679.7, 29.0, 29.0, 0.0);
(406822.0, 3747671.7, 29.0, 29.0, 0.0); (406825.3, 3747663.8, 29.0, 29.0, 0.0);
(406828.6, 3747655.8, 29.0, 29.0, 0.0); (406831.9, 3747647.8, 29.0, 29.0, 0.0);
(406843.1, 3747636.6, 29.0, 29.0, 0.0); (406851.1, 3747633.3, 29.0, 29.0, 0.0);
(406859.0, 3747630.0, 29.0, 29.0, 0.0); (406867.0, 3747626.7, 29.0, 29.0, 0.0);
(406882.9, 3747620.1, 29.0, 29.0, 0.0); (406890.9, 3747616.8, 29.0, 29.0, 0.0);
(406808.8, 3747703.5, 29.0, 29.0, 0.0); (406808.8, 3747712.6, 29.0, 29.0, 0.0);

(406808.8, 3747721.7, 29.0, 29.0, 0.0); (406808.8, 3747730.8, 29.0, 29.0, 0.0);
(406808.8, 3747739.9, 29.0, 29.0, 0.0); (406808.8, 3747749.0, 29.0, 29.0, 0.0);
(406808.8, 3747758.1, 29.0, 29.0, 0.0); (406808.8, 3747767.2, 29.0, 29.0, 0.0);
(406807.3, 3747695.1, 29.0, 29.0, 0.0); (406810.8, 3747686.7, 29.0, 29.0, 0.0);
(406814.2, 3747678.3, 29.0, 29.0, 0.0); (406817.7, 3747669.9, 29.0, 29.0, 0.0);

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

(406821.2, 3747661.5, 29.0, 29.0, 0.0); (406824.7, 3747653.1, 29.0, 29.0, 0.0);
(406828.2, 3747644.7, 29.0, 29.0, 0.0); (406840.0, 3747632.9, 29.0, 29.0, 0.0);
(406848.4, 3747629.4, 29.0, 29.0, 0.0); (406856.8, 3747625.9, 29.0, 29.0, 0.0);
(406865.2, 3747622.4, 29.0, 29.0, 0.0); (406873.6, 3747618.9, 29.0, 29.0, 0.0);
(406882.0, 3747615.5, 29.0, 29.0, 0.0); (406890.4, 3747612.0, 29.0, 29.0, 0.0);
(406803.8, 3747703.5, 29.0, 29.0, 0.0); (406803.8, 3747712.6, 29.0, 29.0, 0.0);
(406803.8, 3747721.7, 29.0, 29.0, 0.0); (406803.8, 3747730.8, 29.0, 29.0, 0.0);
(406803.8, 3747739.9, 29.0, 29.0, 0.0); (406803.8, 3747749.0, 29.0, 29.0, 0.0);
(406803.8, 3747758.1, 29.0, 29.0, 0.0); (406803.8, 3747767.2, 29.0, 29.0, 0.0);
(406802.1, 3747695.7, 29.0, 29.0, 0.0); (406805.3, 3747687.8, 29.0, 29.0, 0.0);
(406808.6, 3747679.9, 29.0, 29.0, 0.0); (406811.8, 3747672.1, 29.0, 29.0, 0.0);
(406815.1, 3747664.2, 29.0, 29.0, 0.0); (406818.3, 3747656.4, 29.0, 29.0, 0.0);
(406821.6, 3747648.5, 29.0, 29.0, 0.0); (406824.8, 3747640.7, 29.0, 29.0, 0.0);
(406836.0, 3747629.5, 29.0, 29.0, 0.0); (406843.8, 3747626.3, 29.0, 29.0, 0.0);
(406851.7, 3747623.0, 29.0, 29.0, 0.0); (406859.5, 3747619.8, 29.0, 29.0, 0.0);
(406867.4, 3747616.5, 29.0, 29.0, 0.0); (406875.2, 3747613.3, 29.0, 29.0, 0.0);
(406883.1, 3747610.0, 29.0, 29.0, 0.0); (406891.0, 3747606.8, 29.0, 29.0, 0.0);
(406798.8, 3747703.5, 29.0, 29.0, 0.0); (406798.8, 3747712.6, 29.0, 29.0, 0.0);
(406798.8, 3747721.7, 29.0, 29.0, 0.0); (406798.8, 3747730.8, 29.0, 29.0, 0.0);
(406798.8, 3747739.9, 29.0, 29.0, 0.0); (406798.8, 3747749.0, 29.0, 29.0, 0.0);
(406798.8, 3747758.1, 29.0, 29.0, 0.0); (406798.8, 3747767.2, 29.0, 29.0, 0.0);
(406898.8, 3747772.2, 29.0, 29.0, 0.0); (406907.9, 3747772.2, 29.0, 29.0, 0.0);

(406917.0, 3747772.2, 29.0, 29.0, 0.0); (406926.1, 3747772.2, 29.0, 29.0, 0.0);
(406935.2, 3747772.2, 29.0, 29.0, 0.0); (406944.3, 3747772.2, 29.0, 29.0, 0.0);
(406953.4, 3747772.2, 29.0, 29.0, 0.0); (406962.5, 3747772.2, 29.0, 29.0, 0.0);
(406898.8, 3747777.2, 29.0, 29.0, 0.0); (406907.9, 3747777.2, 29.0, 29.0, 0.0);
(406917.0, 3747777.2, 29.0, 29.0, 0.0); (406926.1, 3747777.2, 29.0, 29.0, 0.0);
(406935.2, 3747777.2, 29.0, 29.0, 0.0); (406944.3, 3747777.2, 29.0, 29.0, 0.0);
(406953.4, 3747777.2, 29.0, 29.0, 0.0); (406962.5, 3747777.2, 29.0, 29.0, 0.0);
(406893.5, 3747780.0, 29.0, 29.0, 0.0); (406886.0, 3747772.5, 29.0, 29.0, 0.0);
(406898.8, 3747782.2, 29.0, 29.0, 0.0); (406907.9, 3747782.2, 29.0, 29.0, 0.0);
(406917.0, 3747782.2, 29.0, 29.0, 0.0); (406926.1, 3747782.2, 29.0, 29.0, 0.0);
(406935.2, 3747782.2, 29.0, 29.0, 0.0); (406944.3, 3747782.2, 29.0, 29.0, 0.0);
(406953.4, 3747782.2, 29.0, 29.0, 0.0); (406962.5, 3747782.2, 29.0, 29.0, 0.0);
(406891.8, 3747784.3, 29.0, 29.0, 0.0); (406881.8, 3747774.3, 29.0, 29.0, 0.0);
(406898.8, 3747787.2, 29.0, 29.0, 0.0); (406907.9, 3747787.2, 29.0, 29.0, 0.0);
(406917.0, 3747787.2, 29.0, 29.0, 0.0); (406926.1, 3747787.2, 29.0, 29.0, 0.0);
(406935.2, 3747787.2, 29.0, 29.0, 0.0); (406944.3, 3747787.2, 29.0, 29.0, 0.0);
(406953.4, 3747787.2, 29.0, 29.0, 0.0); (406962.5, 3747787.2, 29.0, 29.0, 0.0);
(406892.9, 3747789.8, 29.0, 29.0, 0.0); (406887.0, 3747787.3, 29.0, 29.0, 0.0);
(406878.7, 3747779.0, 29.0, 29.0, 0.0); (406876.3, 3747773.1, 29.0, 29.0, 0.0);
(406898.8, 3747792.2, 29.0, 29.0, 0.0); (406907.9, 3747792.2, 29.0, 29.0, 0.0);
(406917.0, 3747792.2, 29.0, 29.0, 0.0); (406926.1, 3747792.2, 29.0, 29.0, 0.0);
(406935.2, 3747792.2, 29.0, 29.0, 0.0); (406944.3, 3747792.2, 29.0, 29.0, 0.0);
(406953.4, 3747792.2, 29.0, 29.0, 0.0); (406962.5, 3747792.2, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406891.8, 3747794.3, 29.0, 29.0, 0.0); (406884.7, 3747791.3, 29.0, 29.0, 0.0);
(406874.7, 3747781.3, 29.0, 29.0, 0.0); (406871.8, 3747774.3, 29.0, 29.0, 0.0);
(406898.8, 3747797.2, 29.0, 29.0, 0.0); (406907.9, 3747797.2, 29.0, 29.0, 0.0);
(406917.0, 3747797.2, 29.0, 29.0, 0.0); (406926.1, 3747797.2, 29.0, 29.0, 0.0);

(406935.2, 3747797.2, 29.0, 29.0, 0.0); (406944.3, 3747797.2, 29.0, 29.0, 0.0);
(406953.4, 3747797.2, 29.0, 29.0, 0.0); (406962.5, 3747797.2, 29.0, 29.0, 0.0);
(406890.6, 3747798.8, 29.0, 29.0, 0.0); (406882.3, 3747795.4, 29.0, 29.0, 0.0);
(406870.6, 3747783.7, 29.0, 29.0, 0.0); (406867.2, 3747775.4, 29.0, 29.0, 0.0);
(406898.8, 3747802.2, 29.0, 29.0, 0.0); (406907.9, 3747802.2, 29.0, 29.0, 0.0);
(406917.0, 3747802.2, 29.0, 29.0, 0.0); (406926.1, 3747802.2, 29.0, 29.0, 0.0);
(406935.2, 3747802.2, 29.0, 29.0, 0.0); (406944.3, 3747802.2, 29.0, 29.0, 0.0);
(406953.4, 3747802.2, 29.0, 29.0, 0.0); (406962.5, 3747802.2, 29.0, 29.0, 0.0);
(406891.8, 3747804.3, 29.0, 29.0, 0.0); (406884.7, 3747801.3, 29.0, 29.0, 0.0);
(406877.6, 3747798.4, 29.0, 29.0, 0.0); (406867.6, 3747788.4, 29.0, 29.0, 0.0);
(406864.7, 3747781.3, 29.0, 29.0, 0.0); (406861.8, 3747774.3, 29.0, 29.0, 0.0);
(406898.8, 3747807.2, 29.0, 29.0, 0.0); (406907.9, 3747807.2, 29.0, 29.0, 0.0);
(406917.0, 3747807.2, 29.0, 29.0, 0.0); (406926.1, 3747807.2, 29.0, 29.0, 0.0);
(406935.2, 3747807.2, 29.0, 29.0, 0.0); (406944.3, 3747807.2, 29.0, 29.0, 0.0);
(406953.4, 3747807.2, 29.0, 29.0, 0.0); (406962.5, 3747807.2, 29.0, 29.0, 0.0);
(406890.9, 3747808.9, 29.0, 29.0, 0.0); (406882.9, 3747805.6, 29.0, 29.0, 0.0);
(406875.0, 3747802.3, 29.0, 29.0, 0.0); (406863.7, 3747791.1, 29.0, 29.0, 0.0);
(406860.4, 3747783.1, 29.0, 29.0, 0.0); (406857.1, 3747775.1, 29.0, 29.0, 0.0);
(406898.8, 3747812.2, 29.0, 29.0, 0.0); (406907.9, 3747812.2, 29.0, 29.0, 0.0);
(406917.0, 3747812.2, 29.0, 29.0, 0.0); (406926.1, 3747812.2, 29.0, 29.0, 0.0);
(406935.2, 3747812.2, 29.0, 29.0, 0.0); (406944.3, 3747812.2, 29.0, 29.0, 0.0);
(406953.4, 3747812.2, 29.0, 29.0, 0.0); (406962.5, 3747812.2, 29.0, 29.0, 0.0);
(406891.8, 3747814.3, 29.0, 29.0, 0.0); (406884.7, 3747811.3, 29.0, 29.0, 0.0);
(406877.6, 3747808.4, 29.0, 29.0, 0.0); (406870.5, 3747805.5, 29.0, 29.0, 0.0);
(406860.5, 3747795.5, 29.0, 29.0, 0.0); (406857.6, 3747788.4, 29.0, 29.0, 0.0);
(406854.7, 3747781.3, 29.0, 29.0, 0.0); (406851.8, 3747774.3, 29.0, 29.0, 0.0);
(406898.8, 3747817.2, 29.0, 29.0, 0.0); (406907.9, 3747817.2, 29.0, 29.0, 0.0);
(406917.0, 3747817.2, 29.0, 29.0, 0.0); (406926.1, 3747817.2, 29.0, 29.0, 0.0);
(406935.2, 3747817.2, 29.0, 29.0, 0.0); (406944.3, 3747817.2, 29.0, 29.0, 0.0);
(406953.4, 3747817.2, 29.0, 29.0, 0.0); (406962.5, 3747817.2, 29.0, 29.0, 0.0);
(406891.0, 3747819.0, 29.0, 29.0, 0.0); (406883.3, 3747815.8, 29.0, 29.0, 0.0);
(406875.5, 3747812.5, 29.0, 29.0, 0.0); (406867.7, 3747809.3, 29.0, 29.0, 0.0);
(406856.7, 3747798.3, 29.0, 29.0, 0.0); (406853.5, 3747790.5, 29.0, 29.0, 0.0);

(406850.3, 3747782.8, 29.0, 29.0, 0.0); (406847.0, 3747775.0, 29.0, 29.0, 0.0);
(406898.8, 3747822.2, 29.0, 29.0, 0.0); (406907.9, 3747822.2, 29.0, 29.0, 0.0);
(406917.0, 3747822.2, 29.0, 29.0, 0.0); (406926.1, 3747822.2, 29.0, 29.0, 0.0);
(406935.2, 3747822.2, 29.0, 29.0, 0.0); (406944.3, 3747822.2, 29.0, 29.0, 0.0);
(406953.4, 3747822.2, 29.0, 29.0, 0.0); (406962.5, 3747822.2, 29.0, 29.0, 0.0);
(406891.8, 3747824.3, 29.0, 29.0, 0.0); (406884.7, 3747821.3, 29.0, 29.0, 0.0);
(406877.6, 3747818.4, 29.0, 29.0, 0.0); (406870.5, 3747815.5, 29.0, 29.0, 0.0);
(406863.5, 3747812.6, 29.0, 29.0, 0.0); (406853.5, 3747802.6, 29.0, 29.0, 0.0);

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

(406850.5, 3747795.5, 29.0, 29.0, 0.0); (406847.6, 3747788.4, 29.0, 29.0, 0.0);
(406844.7, 3747781.3, 29.0, 29.0, 0.0); (406841.8, 3747774.3, 29.0, 29.0, 0.0);
(406898.8, 3747827.2, 29.0, 29.0, 0.0); (406907.9, 3747827.2, 29.0, 29.0, 0.0);
(406917.0, 3747827.2, 29.0, 29.0, 0.0); (406926.1, 3747827.2, 29.0, 29.0, 0.0);
(406935.2, 3747827.2, 29.0, 29.0, 0.0); (406944.3, 3747827.2, 29.0, 29.0, 0.0);
(406953.4, 3747827.2, 29.0, 29.0, 0.0); (406962.5, 3747827.2, 29.0, 29.0, 0.0);
(406891.2, 3747829.0, 29.0, 29.0, 0.0); (406883.5, 3747825.8, 29.0, 29.0, 0.0);
(406875.8, 3747822.7, 29.0, 29.0, 0.0); (406868.2, 3747819.5, 29.0, 29.0, 0.0);
(406860.5, 3747816.3, 29.0, 29.0, 0.0); (406849.7, 3747805.5, 29.0, 29.0, 0.0);
(406846.5, 3747797.8, 29.0, 29.0, 0.0); (406843.3, 3747790.2, 29.0, 29.0, 0.0);
(406840.2, 3747782.5, 29.0, 29.0, 0.0); (406837.0, 3747774.9, 29.0, 29.0, 0.0);
(406898.8, 3747832.2, 29.0, 29.0, 0.0); (406907.9, 3747832.2, 29.0, 29.0, 0.0);
(406917.0, 3747832.2, 29.0, 29.0, 0.0); (406926.1, 3747832.2, 29.0, 29.0, 0.0);
(406935.2, 3747832.2, 29.0, 29.0, 0.0); (406944.3, 3747832.2, 29.0, 29.0, 0.0);
(406953.4, 3747832.2, 29.0, 29.0, 0.0); (406962.5, 3747832.2, 29.0, 29.0, 0.0);
(406890.6, 3747833.8, 29.0, 29.0, 0.0); (406882.3, 3747830.4, 29.0, 29.0, 0.0);
(406874.1, 3747826.9, 29.0, 29.0, 0.0); (406865.8, 3747823.5, 29.0, 29.0, 0.0);
(406857.6, 3747820.1, 29.0, 29.0, 0.0); (406845.9, 3747808.4, 29.0, 29.0, 0.0);
(406842.5, 3747800.2, 29.0, 29.0, 0.0); (406839.1, 3747791.9, 29.0, 29.0, 0.0);

(406835.6, 3747783.7, 29.0, 29.0, 0.0); (406832.2, 3747775.4, 29.0, 29.0, 0.0);
(406898.8, 3747837.2, 29.0, 29.0, 0.0); (406907.9, 3747837.2, 29.0, 29.0, 0.0);
(406917.0, 3747837.2, 29.0, 29.0, 0.0); (406926.1, 3747837.2, 29.0, 29.0, 0.0);
(406935.2, 3747837.2, 29.0, 29.0, 0.0); (406944.3, 3747837.2, 29.0, 29.0, 0.0);
(406953.4, 3747837.2, 29.0, 29.0, 0.0); (406962.5, 3747837.2, 29.0, 29.0, 0.0);
(406891.2, 3747839.1, 29.0, 29.0, 0.0); (406883.7, 3747835.9, 29.0, 29.0, 0.0);
(406876.1, 3747832.8, 29.0, 29.0, 0.0); (406868.5, 3747829.6, 29.0, 29.0, 0.0);
(406860.9, 3747826.5, 29.0, 29.0, 0.0); (406853.4, 3747823.4, 29.0, 29.0, 0.0);
(406842.6, 3747812.7, 29.0, 29.0, 0.0); (406839.5, 3747805.1, 29.0, 29.0, 0.0);
(406836.4, 3747797.5, 29.0, 29.0, 0.0); (406833.2, 3747789.9, 29.0, 29.0, 0.0);
(406830.1, 3747782.3, 29.0, 29.0, 0.0); (406827.0, 3747774.8, 29.0, 29.0, 0.0);
(406898.8, 3747842.2, 29.0, 29.0, 0.0); (406907.9, 3747842.2, 29.0, 29.0, 0.0);
(406917.0, 3747842.2, 29.0, 29.0, 0.0); (406926.1, 3747842.2, 29.0, 29.0, 0.0);
(406935.2, 3747842.2, 29.0, 29.0, 0.0); (406944.3, 3747842.2, 29.0, 29.0, 0.0);
(406953.4, 3747842.2, 29.0, 29.0, 0.0); (406962.5, 3747842.2, 29.0, 29.0, 0.0);
(406890.7, 3747843.8, 29.0, 29.0, 0.0); (406882.7, 3747840.5, 29.0, 29.0, 0.0);
(406874.6, 3747837.2, 29.0, 29.0, 0.0); (406858.4, 3747830.5, 29.0, 29.0, 0.0);
(406850.3, 3747827.1, 29.0, 29.0, 0.0); (406838.9, 3747815.7, 29.0, 29.0, 0.0);
(406835.6, 3747807.6, 29.0, 29.0, 0.0); (406832.2, 3747799.5, 29.0, 29.0, 0.0);
(406828.9, 3747791.4, 29.0, 29.0, 0.0); (406825.5, 3747783.4, 29.0, 29.0, 0.0);
(406822.2, 3747775.3, 29.0, 29.0, 0.0); (406898.8, 3747847.2, 29.0, 29.0, 0.0);
(406907.9, 3747847.2, 29.0, 29.0, 0.0); (406917.0, 3747847.2, 29.0, 29.0, 0.0);
(406926.1, 3747847.2, 29.0, 29.0, 0.0); (406935.2, 3747847.2, 29.0, 29.0, 0.0);
(406944.3, 3747847.2, 29.0, 29.0, 0.0); (406953.4, 3747847.2, 29.0, 29.0, 0.0);
(406962.5, 3747847.2, 29.0, 29.0, 0.0); (406891.3, 3747849.1, 29.0, 29.0, 0.0);
(406883.8, 3747846.0, 29.0, 29.0, 0.0); (406876.3, 3747842.9, 29.0, 29.0, 0.0);

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

(406868.8, 3747839.8, 29.0, 29.0, 0.0); (406861.2, 3747836.6, 29.0, 29.0, 0.0);

(406853.7, 3747833.5, 29.0, 29.0, 0.0); (406846.2, 3747830.4, 29.0, 29.0, 0.0);
(406835.6, 3747819.8, 29.0, 29.0, 0.0); (406832.5, 3747812.3, 29.0, 29.0, 0.0);
(406829.4, 3747804.8, 29.0, 29.0, 0.0); (406826.3, 3747797.2, 29.0, 29.0, 0.0);
(406823.2, 3747789.7, 29.0, 29.0, 0.0); (406820.0, 3747782.2, 29.0, 29.0, 0.0);
(406816.9, 3747774.7, 29.0, 29.0, 0.0); (406898.8, 3747852.2, 29.0, 29.0, 0.0);
(406907.9, 3747852.2, 29.0, 29.0, 0.0); (406917.0, 3747852.2, 29.0, 29.0, 0.0);
(406926.1, 3747852.2, 29.0, 29.0, 0.0); (406935.2, 3747852.2, 29.0, 29.0, 0.0);
(406944.3, 3747852.2, 29.0, 29.0, 0.0); (406953.4, 3747852.2, 29.0, 29.0, 0.0);
(406962.5, 3747852.2, 29.0, 29.0, 0.0); (406890.9, 3747853.9, 29.0, 29.0, 0.0);
(406882.9, 3747850.6, 29.0, 29.0, 0.0); (406875.0, 3747847.3, 29.0, 29.0, 0.0);
(406867.0, 3747844.0, 29.0, 29.0, 0.0); (406859.0, 3747840.7, 29.0, 29.0, 0.0);
(406851.1, 3747837.4, 29.0, 29.0, 0.0); (406843.1, 3747834.1, 29.0, 29.0, 0.0);
(406831.9, 3747822.9, 29.0, 29.0, 0.0); (406828.6, 3747814.9, 29.0, 29.0, 0.0);
(406825.3, 3747807.0, 29.0, 29.0, 0.0); (406822.0, 3747799.0, 29.0, 29.0, 0.0);
(406818.7, 3747791.1, 29.0, 29.0, 0.0); (406815.4, 3747783.1, 29.0, 29.0, 0.0);
(406812.1, 3747775.1, 29.0, 29.0, 0.0); (406898.8, 3747857.2, 29.0, 29.0, 0.0);
(406907.9, 3747857.2, 29.0, 29.0, 0.0); (406917.0, 3747857.2, 29.0, 29.0, 0.0);
(406926.1, 3747857.2, 29.0, 29.0, 0.0); (406935.2, 3747857.2, 29.0, 29.0, 0.0);
(406944.3, 3747857.2, 29.0, 29.0, 0.0); (406953.4, 3747857.2, 29.0, 29.0, 0.0);
(406962.5, 3747857.2, 29.0, 29.0, 0.0); (406890.4, 3747858.7, 29.0, 29.0, 0.0);
(406882.0, 3747855.2, 29.0, 29.0, 0.0); (406873.6, 3747851.8, 29.0, 29.0, 0.0);
(406865.2, 3747848.3, 29.0, 29.0, 0.0); (406856.8, 3747844.8, 29.0, 29.0, 0.0);
(406848.4, 3747841.3, 29.0, 29.0, 0.0); (406840.0, 3747837.8, 29.0, 29.0, 0.0);
(406828.2, 3747826.0, 29.0, 29.0, 0.0); (406824.7, 3747817.6, 29.0, 29.0, 0.0);
(406821.2, 3747809.2, 29.0, 29.0, 0.0); (406817.7, 3747800.8, 29.0, 29.0, 0.0);
(406814.2, 3747792.4, 29.0, 29.0, 0.0); (406810.8, 3747784.0, 29.0, 29.0, 0.0);
(406807.3, 3747775.6, 29.0, 29.0, 0.0); (406898.8, 3747862.2, 29.0, 29.0, 0.0);
(406907.9, 3747862.2, 29.0, 29.0, 0.0); (406917.0, 3747862.2, 29.0, 29.0, 0.0);
(406926.1, 3747862.2, 29.0, 29.0, 0.0); (406935.2, 3747862.2, 29.0, 29.0, 0.0);
(406944.3, 3747862.2, 29.0, 29.0, 0.0); (406953.4, 3747862.2, 29.0, 29.0, 0.0);
(406962.5, 3747862.2, 29.0, 29.0, 0.0); (406891.0, 3747863.9, 29.0, 29.0, 0.0);
(406883.1, 3747860.7, 29.0, 29.0, 0.0); (406875.2, 3747857.4, 29.0, 29.0, 0.0);
(406867.4, 3747854.2, 29.0, 29.0, 0.0); (406859.5, 3747850.9, 29.0, 29.0, 0.0);

(406851.7, 3747847.7, 29.0, 29.0, 0.0); (406843.8, 3747844.4, 29.0, 29.0, 0.0);
(406836.0, 3747841.2, 29.0, 29.0, 0.0); (406824.8, 3747830.0, 29.0, 29.0, 0.0);
(406821.6, 3747822.2, 29.0, 29.0, 0.0); (406818.3, 3747814.3, 29.0, 29.0, 0.0);
(406815.1, 3747806.5, 29.0, 29.0, 0.0); (406811.8, 3747798.6, 29.0, 29.0, 0.0);
(406808.6, 3747790.8, 29.0, 29.0, 0.0); (406805.3, 3747782.9, 29.0, 29.0, 0.0);
(406802.1, 3747775.1, 29.0, 29.0, 0.0); (406898.8, 3747867.2, 29.0, 29.0, 0.0);
(406907.9, 3747867.2, 29.0, 29.0, 0.0); (406917.0, 3747867.2, 29.0, 29.0, 0.0);
(406926.1, 3747867.2, 29.0, 29.0, 0.0); (406935.2, 3747867.2, 29.0, 29.0, 0.0);
(406944.3, 3747867.2, 29.0, 29.0, 0.0); (406953.4, 3747867.2, 29.0, 29.0, 0.0);
(406962.5, 3747867.2, 29.0, 29.0, 0.0); (406898.8, 3747767.2, 29.0, 29.0, 0.0);
(406962.5, 3747767.2, 29.0, 29.0, 0.0); (406962.6, 3747703.5, 29.0, 29.0, 0.0);

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

(406898.8, 3747703.5, 29.0, 29.0, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0

```
 12 01 01   1 15  109.1  0.197  1.662  0.005 1527.  210.     -6.3  0.26   2.61   0.25    1.20
233.   10.1  302.0    2.0
 12 01 01   1 16   33.3  0.243  1.125  0.005 1548.  288.    -39.2  0.26   2.61   0.33    1.91
229.   10.1  298.1    2.0
 12 01 01   1 17   -9.1  0.141 -9.000 -9.000 -999.  132.     28.3  0.26   2.61   0.60    1.37
212.   10.1  294.2    2.0
 12 01 01   1 18   -4.3  0.094 -9.000 -9.000 -999.   69.     17.5  0.26   2.61   1.00    0.91
190.   10.1  292.0    2.0
 12 01 01   1 19   -2.8  0.079 -9.000 -9.000 -999.   54.     16.3  0.26   2.61   1.00    0.70
302.   10.1  289.2    2.0
 12 01 01   1 20   -4.0  0.091 -9.000 -9.000 -999.   65.     17.0  0.26   2.61   1.00    0.87
338.   10.1  288.1    2.0
 12 01 01   1 21   -6.3  0.113 -9.000 -9.000 -999.   91.     20.5  0.26   2.61   1.00    1.11
304.   10.1  287.0    2.0
 12 01 01   1 22   -3.1  0.082 -9.000 -9.000 -999.   57.     16.3  0.26   2.61   1.00    0.75
76.   10.1  285.4    2.0
 12 01 01   1 23   -2.4  0.076 -9.000 -9.000 -999.   50.     16.7  0.26   2.61   1.00    0.62
306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26   2.61   1.00    0.82
318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:23:21

                      PAGE  23
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

406977.50 3747767.22 0.00925 406977.51
3747758.12 0.01018
406977.52 3747749.02 0.01062 406977.53
3747739.93 0.01027
406977.55 3747730.83 0.00921 406977.56
3747721.73 0.00786
406977.57 3747712.64 0.00654 406977.58
3747703.54 0.00530
406979.57 3747774.29 0.00793 406969.57
3747784.28 0.00833
406982.50 3747767.23 0.00796 406982.51
3747758.13 0.00855
406982.52 3747749.03 0.00873 406982.53
3747739.93 0.00837
406982.55 3747730.84 0.00755 406982.56
3747721.74 0.00654
406982.57 3747712.64 0.00554 406982.58
3747703.55 0.00459
406985.06 3747773.12 0.00696 406982.61
3747779.00 0.00689
406974.28 3747787.33 0.00718 406968.39
3747789.76 0.00757
406987.50 3747767.23 0.00687 406987.51
3747758.13 0.00722
406987.52 3747749.04 0.00726 406987.53
3747739.94 0.00691
406987.55 3747730.84 0.00627 406987.56
3747721.75 0.00550
406987.57 3747712.65 0.00474 406987.58
3747703.55 0.00400
406989.57 3747774.30 0.00610 406986.63
3747781.36 0.00608
406976.63 3747791.35 0.00640 406969.57
3747794.28 0.00676
406992.50 3747767.24 0.00594 406992.51
3747758.14 0.00614
406992.52 3747749.04 0.00609 406992.53
3747739.95 0.00577
406992.55 3747730.85 0.00526 406992.56
3747721.75 0.00468
406992.57 3747712.65 0.00408 406992.58
3747703.56 0.00350
406994.08 3747775.48 0.00538 406990.66
3747783.72 0.00539
406978.99 3747795.38 0.00573 406970.74
3747798.79 0.00607
406997.50 3747767.24 0.00515 406997.51
3747758.15 0.00525
406997.52 3747749.05 0.00516 406997.53
3747739.95 0.00488
406997.55 3747730.86 0.00447 406997.56
3747721.76 0.00401
406997.57 3747712.66 0.00355 406997.58
3747703.56 0.00309
406999.57 3747774.31 0.00471 406996.63
3747781.38 0.00482
406993.70 3747788.44 0.00480 406983.70
3747798.43 0.00506
406976.63 3747801.35 0.00535 406969.57
3747804.28 0.00551
407002.50 3747767.25 0.00449 407002.51
3747758.15 0.00452

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407002.52	3747749.06	0.00441	407002.53	3747739.96	0.00417
407002.55	3747730.86	0.00384	407002.56	3747721.76	0.00348
407002.57	3747712.67	0.00310	407002.58	3747703.57	0.00273
407004.20	3747775.20	0.00417	407000.90	3747783.15	0.00430
406997.60	3747791.09	0.00431	406986.35	3747802.33	0.00457
406978.40	3747805.62	0.00485	406970.45	3747808.91	0.00498
407007.50	3747767.26	0.00393	407007.51	3747758.16	0.00392
407007.52	3747749.06	0.00380	407007.53	3747739.97	0.00360
407007.55	3747730.87	0.00333	407007.56	3747721.77	0.00303
407007.57	3747712.67	0.00273	407007.58	3747703.58	0.00243
407009.57	3747774.33	0.00367	407006.63	3747781.39	0.00382
407003.70	3747788.45	0.00389	407000.77	3747795.51	0.00388
406990.77	3747805.50	0.00409	406983.70	3747808.43	0.00433
406976.63	3747811.35	0.00448	406969.57	3747814.28	0.00452
407012.50	3747767.26	0.00345	407012.51	3747758.17	0.00342
407012.52	3747749.07	0.00331	407012.53	3747739.97	0.00313
407012.55	3747730.87	0.00291	407012.56	3747721.78	0.00267
407012.57	3747712.68	0.00242	407012.58	3747703.58	0.00218
407014.27	3747775.04	0.00327	407011.05	3747782.81	0.00343
407007.82	3747790.58	0.00351	407004.59	3747798.35	0.00351
406993.59	3747809.33	0.00373	406985.82	3747812.55	0.00395
406978.05	3747815.77	0.00409	406970.27	3747818.98	0.00412
407017.50	3747767.27	0.00305	407017.51	3747758.17	0.00300
407017.52	3747749.07	0.00290	407017.53	3747739.98	0.00274
407017.55	3747730.88	0.00256	407017.56		

3747721.78	0.00236			
407017.57	3747712.69	0.00216	407017.58	
3747703.59	0.00196			
407019.57	3747774.34	0.00290	407016.63	
3747781.40	0.00305			
407013.70	3747788.46	0.00315	407010.77	
3747795.53	0.00320			
407007.83	3747802.59	0.00319	406997.83	
3747812.58	0.00337			
406990.77	3747815.50	0.00356	406983.70	
3747818.43	0.00370			
406976.63	3747821.35	0.00376	406969.57	
3747824.28	0.00375			
407022.50	3747767.28	0.00270	407022.51	
3747758.18	0.00265			
407022.52	3747749.08	0.00255	407022.53	
3747739.98	0.00242			
407022.55	3747730.89	0.00227	407022.56	
3747721.79	0.00211			
407022.57	3747712.69	0.00194	407022.58	
3747703.60	0.00177			
407024.32	3747774.93	0.00260	407021.14	
3747782.58	0.00276			
407017.97	3747790.24	0.00286	407014.79	
3747797.89	0.00292			
407011.61	3747805.54	0.00292	407000.78	
3747816.36	0.00310			
406993.12	3747819.53	0.00328	406985.47	
3747822.70	0.00340			
406977.81	3747825.86	0.00346	406970.16	
3747829.03	0.00343			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407027.50	3747767.28	0.00241	407027.51	3747758.18	0.00235
407027.52	3747749.09	0.00227	407027.53	3747739.99	0.00215
407027.55	3747730.89	0.00202	407027.56	3747721.80	0.00189
407027.57	3747712.70	0.00175	407027.58	3747703.60	0.00160
407029.08	3747775.53	0.00234	407025.66	3747783.77	0.00250
407022.23	3747792.01	0.00261	407018.81	3747800.25	0.00267
407015.39	3747808.49	0.00268	407003.72	3747820.14	0.00285

406995.48 3747823.55 0.00303 406987.23
3747826.96 0.00314
406978.99 3747830.38 0.00318 406970.74
3747833.79 0.00314
407032.50 3747767.29 0.00216 407032.51
3747758.19 0.00210
407032.52 3747749.09 0.00202 407032.53
3747740.00 0.00192
407032.55 3747730.90 0.00182 407032.56
3747721.80 0.00170
407032.57 3747712.71 0.00158 407032.58
3747703.61 0.00146
407034.36 3747774.86 0.00209 407031.21
3747782.43 0.00223
407028.07 3747790.00 0.00234 407024.93
3747797.56 0.00242
407021.79 3747805.13 0.00246 407018.64
3747812.70 0.00246
407007.93 3747823.40 0.00261 407000.36
3747826.53 0.00276
406992.79 3747829.67 0.00287 406985.21
3747832.80 0.00293
406977.64 3747835.93 0.00294 406970.07
3747839.07 0.00288
407037.50 3747767.29 0.00194 407037.51
3747758.20 0.00189
407037.52 3747749.10 0.00181 407037.53
3747740.00 0.00173
407037.55 3747730.91 0.00164 407037.56
3747721.81 0.00154
407037.57 3747712.71 0.00144 407037.58
3747703.61 0.00133
407039.15 3747775.37 0.00190 407035.80
3747783.44 0.00203
407032.44 3747791.52 0.00215 407029.09
3747799.59 0.00223
407025.74 3747807.66 0.00227 407022.39
3747815.73 0.00227
407010.96 3747827.15 0.00242 407002.88
3747830.49 0.00256
406986.73 3747837.17 0.00272 406978.65
3747840.52 0.00272
406970.58 3747843.86 0.00265 407042.50
3747767.30 0.00175
407042.51 3747758.20 0.00170 407042.52
3747749.11 0.00164
407042.53 3747740.01 0.00156 407042.55
3747730.91 0.00148
407042.56 3747721.81 0.00140 407042.57
3747712.72 0.00131
407042.58 3747703.62 0.00122 407044.38
3747774.81 0.00171
407041.27 3747782.32 0.00183 407038.15
3747789.82 0.00193
407035.03 3747797.32 0.00201 407031.92
3747804.83 0.00207
407028.80 3747812.33 0.00210 407025.68
3747819.84 0.00210
407015.06 3747830.45 0.00223 407007.55
3747833.56 0.00235
407000.04 3747836.66 0.00245 406992.53
3747839.77 0.00251
406985.02 3747842.88 0.00253 406977.52
3747845.99 0.00251
406970.01 3747849.09 0.00244 407047.50
3747767.31 0.00158

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407047.51	3747758.21	0.00154	407047.52	3747749.11	0.00148
407047.53	3747740.02	0.00142	407047.55	3747730.92	0.00135
407047.56	3747721.82	0.00128	407047.57	3747712.72	0.00120
407047.58	3747703.63	0.00112	407049.20	3747775.26	0.00156
407045.90	3747783.20	0.00167	407042.60	3747791.15	0.00177
407039.30	3747799.10	0.00186	407036.00	3747807.04	0.00192
407032.70	3747814.99	0.00195	407029.40	3747822.93	0.00195
407018.15	3747834.17	0.00207	407010.20	3747837.46	0.00220
407002.25	3747840.75	0.00229	406994.30	3747844.04	0.00234
406978.40	3747850.62	0.00233	406970.45	3747853.91	0.00226
407052.50	3747767.31	0.00144	407052.51	3747758.22	0.00140
407052.52	3747749.12	0.00135	407052.53	3747740.02	0.00129
407052.55	3747730.92	0.00123	407052.56	3747721.83	0.00117
407052.57	3747712.73	0.00110	407052.58	3747703.63	0.00103
407054.02	3747775.71	0.00143	407050.53	3747784.09	0.00154
407047.05	3747792.48	0.00163	407043.57	3747800.87	0.00172
407040.08	3747809.26	0.00178	407036.60	3747817.64	0.00181
407033.12	3747826.03	0.00182	407021.24	3747837.89	0.00194
407012.85	3747841.36	0.00205	407004.46	3747844.84	0.00214
406996.07	3747848.31	0.00219	406987.67	3747851.78	0.00220
406979.28	3747855.25	0.00217	406970.89	3747858.73	0.00209
407057.50	3747767.32	0.00131	407057.51	3747758.22	0.00127
407057.52	3747749.13	0.00123	407057.53		

3747740.03	0.00118			
407057.55	3747730.93	0.00113	407057.56	
3747721.83	0.00107			
407057.57	3747712.74	0.00101	407057.58	
3747703.64	0.00095			
407059.24	3747775.17	0.00130	407055.98	
3747783.02	0.00139			
407052.72	3747790.87	0.00148	407049.46	
3747798.72	0.00156			
407046.20	3747806.56	0.00162	407042.94	
3747814.41	0.00167			
407039.68	3747822.26	0.00169	407036.43	
3747830.11	0.00170			
407025.31	3747841.20	0.00180	407017.46	
3747844.45	0.00190			
407009.61	3747847.70	0.00198	407001.76	
3747850.95	0.00204			
406993.91	3747854.20	0.00206	406986.06	
3747857.45	0.00205			
406978.20	3747860.70	0.00201	406970.35	
3747863.95	0.00193			
407062.50	3747767.33	0.00120	407062.51	
3747758.23	0.00117			
407062.52	3747749.13	0.00113	407062.53	
3747740.03	0.00108			
407062.55	3747730.94	0.00104	407062.56	
3747721.84	0.00099			
407062.57	3747712.74	0.00094	407062.58	
3747703.65	0.00088			
406962.58	3747698.52	0.00696	406953.47	
3747698.52	0.00870			
406944.36	3747698.52	0.01040	406935.25	
3747698.52	0.01149			
406926.15	3747698.52	0.01144	406917.04	
3747698.52	0.01027			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406907.93	3747698.52	0.00851	406898.82	3747698.52	0.00672
406962.58	3747693.52	0.00584	406953.47	3747693.52	0.00707
406944.36	3747693.52	0.00819	406935.25	3747693.52	0.00888
406926.15	3747693.52	0.00884	406917.04	3747693.52	0.00807
406907.93	3747693.52	0.00689	406898.82	3747693.52	0.00563

406967.89 3747690.72 0.00474 406975.39
3747698.23 0.00492
406962.58 3747688.52 0.00492 406953.47
3747688.52 0.00579
406944.36 3747688.52 0.00655 406935.25
3747688.52 0.00700
406926.15 3747688.52 0.00696 406917.04
3747688.52 0.00645
406907.93 3747688.52 0.00564 406898.82
3747688.52 0.00473
406969.66 3747686.45 0.00401 406979.66
3747696.47 0.00421
406962.58 3747683.52 0.00416 406953.47
3747683.52 0.00479
406944.36 3747683.52 0.00531 406935.25
3747683.52 0.00561
406926.15 3747683.52 0.00558 406917.04
3747683.52 0.00523
406907.93 3747683.52 0.00466 406898.82
3747683.52 0.00400
406968.48 3747680.96 0.00348 406974.37
3747683.41 0.00336
406982.71 3747691.75 0.00350 406985.14
3747697.65 0.00377
406962.58 3747678.52 0.00354 406953.47
3747678.52 0.00400
406944.36 3747678.52 0.00437 406935.25
3747678.52 0.00457
406926.15 3747678.52 0.00454 406917.04
3747678.52 0.00430
406907.93 3747678.52 0.00389 406898.82
3747678.52 0.00340
406969.66 3747676.45 0.00299 406976.73
3747679.39 0.00289
406986.73 3747689.40 0.00303 406989.66
3747696.48 0.00330
406962.58 3747673.52 0.00303 406953.47
3747673.52 0.00337
406944.36 3747673.52 0.00364 406935.25
3747673.52 0.00378
406926.15 3747673.52 0.00375 406917.04
3747673.52 0.00357
406907.93 3747673.52 0.00328 406898.82
3747673.52 0.00291
406970.83 3747671.94 0.00259 406979.09
3747675.36 0.00251
406990.76 3747687.05 0.00265 406994.17
3747695.30 0.00290
406962.58 3747668.52 0.00261 406953.47
3747668.52 0.00287
406944.36 3747668.52 0.00306 406935.25
3747668.52 0.00316
406926.15 3747668.52 0.00314 406917.04
3747668.52 0.00301
406907.93 3747668.52 0.00279 406898.82
3747668.52 0.00251
406969.66 3747666.45 0.00227 406976.73
3747669.39 0.00223
406983.81 3747672.32 0.00216 406993.81
3747682.33 0.00227
406996.73 3747689.41 0.00246 406999.66
3747696.49 0.00261
406962.58 3747663.52 0.00227 406953.47
3747663.52 0.00246
406944.36 3747663.52 0.00260 406935.25
3747663.52 0.00267

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406970.54	3747661.82	0.00199	406978.50	3747665.12	0.00196
406986.46	3747668.42	0.00190	406997.71	3747679.68	0.00200
407001.00	3747687.65	0.00218	407004.29	3747695.61	0.00233
406962.58	3747658.52	0.00198	406953.47	3747658.52	0.00213
406944.36	3747658.52	0.00223	406935.25	3747658.52	0.00229
406926.15	3747658.52	0.00227	406917.04	3747658.52	0.00220
406907.93	3747658.52	0.00207	406898.82	3747658.52	0.00190
406969.66	3747656.45	0.00176	406976.73	3747659.39	0.00175
406983.81	3747662.32	0.00172	406990.88	3747665.25	0.00167
407000.88	3747675.27	0.00175	407003.81	3747682.35	0.00189
407006.73	3747689.42	0.00201	407009.66	3747696.50	0.00211
406962.58	3747653.52	0.00174	406953.47	3747653.52	0.00185
406944.36	3747653.52	0.00193	406935.25	3747653.52	0.00197
406926.15	3747653.52	0.00196	406917.04	3747653.52	0.00190
406907.93	3747653.52	0.00180	406898.82	3747653.52	0.00167
406970.36	3747651.75	0.00156	406978.15	3747654.97	0.00156
406985.93	3747658.20	0.00153	406993.71	3747661.43	0.00149
407004.71	3747672.44	0.00156	407007.93	3747680.23	0.00169
407011.15	3747688.01	0.00181	407014.36	3747695.80	0.00189
406962.58	3747648.52	0.00153	406953.47	3747648.52	0.00162
406944.36	3747648.52	0.00169	406935.25		

3747648.52	0.00171			
406926.15	3747648.52	0.00171	406917.04	
3747648.52	0.00166			
406907.93	3747648.52	0.00158	406898.82	
3747648.52	0.00147			
406969.66	3747646.45	0.00138	406976.73	
3747649.39	0.00139			
406983.81	3747652.32	0.00138	406990.88	
3747655.25	0.00136			
406997.96	3747658.19	0.00132	407007.96	
3747668.20	0.00138			
407010.88	3747675.28	0.00149	407013.81	
3747682.36	0.00158			
407016.73	3747689.44	0.00166	407019.66	
3747696.52	0.00172			
406962.58	3747643.52	0.00136	406953.47	
3747643.52	0.00143			
406944.36	3747643.52	0.00148	406935.25	
3747643.52	0.00150			
406926.15	3747643.52	0.00149	406917.04	
3747643.52	0.00146			
406907.93	3747643.52	0.00139	406898.82	
3747643.52	0.00131			
406970.25	3747641.70	0.00124	406977.91	
3747644.88	0.00125			
406985.58	3747648.05	0.00124	406993.24	
3747651.23	0.00122			
407000.91	3747654.41	0.00119	407011.74	
3747665.26	0.00125			
407014.91	3747672.93	0.00134	407018.08	
3747680.59	0.00143			
407021.24	3747688.26	0.00151	407024.41	
3747695.93	0.00156			
406962.58	3747638.52	0.00121	406953.47	
3747638.52	0.00127			
406944.36	3747638.52	0.00131	406935.25	
3747638.52	0.00132			
406926.15	3747638.52	0.00132	406917.04	
3747638.52	0.00129			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406907.93	3747638.52	0.00124	406898.82		
3747638.52	0.00117				
406970.83	3747636.94	0.00111	406979.09		
3747640.36	0.00112				
406987.34	3747643.79	0.00112	406995.60		
3747647.21	0.00110				

407003.85 3747650.63 0.00107 407015.52
3747662.31 0.00113
407018.93 3747670.57 0.00122 407022.34
3747678.83 0.00130
407025.76 3747687.09 0.00137 407029.17
3747695.35 0.00142
406962.58 3747633.52 0.00109 406953.47
3747633.52 0.00113
406944.36 3747633.52 0.00116 406935.25
3747633.52 0.00118
406926.15 3747633.52 0.00117 406917.04
3747633.52 0.00114
406907.93 3747633.52 0.00110 406898.82
3747633.52 0.00105
406970.16 3747631.66 0.00100 406977.74
3747634.81 0.00101
406985.32 3747637.95 0.00102 406992.90
3747641.09 0.00101
407000.48 3747644.23 0.00099 407008.07
3747647.38 0.00097
407018.78 3747658.11 0.00101 407021.91
3747665.69 0.00109
407025.05 3747673.27 0.00116 407028.18
3747680.86 0.00122
407031.31 3747688.44 0.00127 407034.45
3747696.03 0.00131
406962.58 3747628.52 0.00098 406953.47
3747628.52 0.00101
406944.36 3747628.52 0.00104 406935.25
3747628.52 0.00105
406926.15 3747628.52 0.00104 406917.04
3747628.52 0.00102
406907.93 3747628.52 0.00099 406898.82
3747628.52 0.00094
406970.67 3747626.87 0.00090 406978.75
3747630.22 0.00092
406986.84 3747633.58 0.00092 407003.01
3747640.28 0.00090
407011.10 3747643.63 0.00088 407022.53
3747655.08 0.00093
407025.87 3747663.17 0.00100 407029.21
3747671.26 0.00106
407032.55 3747679.35 0.00112 407035.90
3747687.44 0.00117
407039.24 3747695.53 0.00120 406962.58
3747623.52 0.00088
406953.47 3747623.52 0.00091 406944.36
3747623.52 0.00093
406935.25 3747623.52 0.00094 406926.15
3747623.52 0.00094
406917.04 3747623.52 0.00092 406907.93
3747623.52 0.00089
406898.82 3747623.52 0.00085 406970.10
3747621.64 0.00082
406977.62 3747624.75 0.00083 406985.13
3747627.87 0.00084
406992.65 3747630.99 0.00084 407000.17
3747634.10 0.00083
407007.69 3747637.22 0.00082 407015.20
3747640.34 0.00080
407025.83 3747650.98 0.00084 407028.94
3747658.50 0.00090
407032.04 3747666.02 0.00095 407035.15
3747673.54 0.00100
407038.26 3747681.06 0.00105 407041.37
3747688.58 0.00108

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406898.82	3747618.52	0.00077	406970.54	3747616.82	0.00075
406978.50	3747620.12	0.00076	406994.42	3747626.72	0.00077
407002.38	3747630.02	0.00076	407010.34	3747633.32	0.00075
407018.30	3747636.62	0.00074	407029.55	3747647.88	0.00077
407032.84	3747655.85	0.00083	407036.13	3747663.81	0.00088
407039.42	3747671.78	0.00093	407042.71	3747679.74	0.00097
407046.00	3747687.70	0.00100	407049.29	3747695.67	0.00102
406962.58	3747613.52	0.00073	406953.47	3747613.52	0.00075
406944.36	3747613.52	0.00076	406935.25	3747613.52	0.00077
406926.15	3747613.52	0.00076	406917.04	3747613.52	0.00075
406907.93	3747613.52	0.00073	406898.82	3747613.52	0.00070
406970.98	3747612.00	0.00068	406979.38	3747615.49	0.00070
406987.79	3747618.97	0.00071	406996.19	3747622.45	0.00071
407004.59	3747625.94	0.00070	407012.99	3747629.42	0.00069
407021.40	3747632.90	0.00068	407033.27	3747644.79	0.00071
407036.74	3747653.20	0.00076	407040.22	3747661.61	0.00081
407043.69	3747670.01	0.00086	407047.16	3747678.42	0.00089
407050.63	3747686.83	0.00092	407054.11	3747695.23	0.00094
406962.58	3747608.52	0.00066	406953.47		

3747608.52	0.00068			
406944.36	3747608.52	0.00069	406935.25	
3747608.52	0.00070			
406926.15	3747608.52	0.00069	406917.04	
3747608.52	0.00068			
406907.93	3747608.52	0.00066	406898.82	
3747608.52	0.00064			
406970.44	3747606.78	0.00062	406978.30	
3747610.04	0.00064			
406986.17	3747613.30	0.00065	406994.03	
3747616.56	0.00065			
407001.89	3747619.82	0.00065	407009.75	
3747623.08	0.00064			
407017.61	3747626.34	0.00063	407025.47	
3747629.59	0.00062			
407036.58	3747640.72	0.00065	407039.83	
3747648.59	0.00069			
407043.08	3747656.45	0.00074	407046.33	
3747664.32	0.00078			
407049.58	3747672.18	0.00081	407052.83	
3747680.05	0.00084			
407056.08	3747687.91	0.00086	407059.33	
3747695.78	0.00088			
406962.58	3747603.52	0.00061	406953.47	
3747603.52	0.00062			
406944.36	3747603.52	0.00063	406935.25	
3747603.52	0.00063			
406926.15	3747603.52	0.00063	406917.04	
3747603.52	0.00062			
406907.93	3747603.52	0.00061	406898.82	
3747603.52	0.00059			
406893.82	3747703.52	0.00684	406893.82	
3747712.62	0.00892			
406893.82	3747721.71	0.01102	406893.82	
3747730.81	0.01245			
406893.82	3747739.91	0.01254	406893.82	
3747749.01	0.01129			
406893.82	3747758.10	0.00938	406893.82	
3747767.20	0.00747			
406888.82	3747703.52	0.00584	406888.82	
3747712.62	0.00736			
406888.82	3747721.71	0.00880	406888.82	
3747730.81	0.00974			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406888.82	3747739.91	0.00981	406888.82	3747749.01	0.00900

406888.82 3747758.10 0.00768 406888.82
3747767.20 0.00628
406886.02 3747698.22 0.00466 406893.52
3747690.72 0.00453
406883.82 3747703.52 0.00500 406883.82
3747712.62 0.00611
406883.82 3747721.71 0.00713 406883.82
3747730.81 0.00777
406883.82 3747739.91 0.00782 406883.82
3747749.01 0.00727
406883.82 3747758.10 0.00635 406883.82
3747767.20 0.00532
406881.75 3747696.45 0.00397 406891.75
3747686.45 0.00382
406878.82 3747703.52 0.00430 406878.82
3747712.62 0.00513
406878.82 3747721.71 0.00586 406878.82
3747730.81 0.00631
406878.82 3747739.91 0.00634 406878.82
3747749.01 0.00596
406878.82 3747758.10 0.00530 406878.82
3747767.20 0.00453
406876.26 3747697.63 0.00352 406878.70
3747691.73 0.00328
406887.03 3747683.40 0.00318 406892.93
3747680.96 0.00332
406873.82 3747703.52 0.00371 406873.82
3747712.62 0.00434
406873.82 3747721.71 0.00488 406873.82
3747730.81 0.00520
406873.82 3747739.91 0.00523 406873.82
3747749.01 0.00496
406873.82 3747758.10 0.00447 406873.82
3747767.20 0.00389
406871.75 3747696.45 0.00306 406874.68
3747689.38 0.00282
406884.68 3747679.38 0.00272 406891.75
3747676.45 0.00285
406868.82 3747703.52 0.00323 406868.82
3747712.62 0.00371
406868.82 3747721.71 0.00411 406868.82
3747730.81 0.00434
406868.82 3747739.91 0.00437 406868.82
3747749.01 0.00417
406868.82 3747758.10 0.00381 406868.82
3747767.20 0.00337
406867.24 3747695.27 0.00267 406870.65
3747687.02 0.00245
406882.32 3747675.35 0.00235 406890.57
3747671.94 0.00246
406863.82 3747703.52 0.00282 406863.82
3747712.62 0.00319
406863.82 3747721.71 0.00350 406863.82
3747730.81 0.00368
406863.82 3747739.91 0.00369 406863.82
3747749.01 0.00355
406863.82 3747758.10 0.00328 406863.82
3747767.20 0.00293
406861.75 3747696.45 0.00239 406864.68
3747689.38 0.00226
406867.61 3747682.31 0.00209 406877.61
3747672.31 0.00202
406884.68 3747669.38 0.00210 406891.75
3747666.45 0.00216
406858.82 3747703.52 0.00248 406858.82
3747712.62 0.00277

406858.82 3747721.71 0.00301 406858.82
3747730.81 0.00314
406858.82 3747739.91 0.00316 406858.82
3747749.01 0.00305
406858.82 3747758.10 0.00284 406858.82
3747767.20 0.00257
406857.12 3747695.57 0.00212 406860.41
3747687.61 0.00200
406863.71 3747679.66 0.00184 406874.96
3747668.41 0.00177
406882.91 3747665.11 0.00185 406890.87
3747661.82 0.00189

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406853.82	3747703.52	0.00219	406853.82	3747712.62	0.00243
406853.82	3747721.71	0.00261	406853.82	3747730.81	0.00271
406853.82	3747739.91	0.00272	406853.82	3747749.01	0.00264
406853.82	3747758.10	0.00248	406853.82	3747767.20	0.00226
406851.75	3747696.45	0.00190	406854.68	3747689.38	0.00182
406857.61	3747682.31	0.00172	406860.54	3747675.24	0.00160
406870.54	3747665.24	0.00154	406877.61	3747662.31	0.00161
406884.68	3747659.38	0.00165	406891.75	3747656.45	0.00167
406848.82	3747703.52	0.00195	406848.82	3747712.62	0.00214
406848.82	3747721.71	0.00228	406848.82	3747730.81	0.00236
406848.82	3747739.91	0.00237	406848.82	3747749.01	0.00231
406848.82	3747758.10	0.00218	406848.82	3747767.20	0.00201
406847.04	3747695.74	0.00170	406850.26	3747687.96	0.00163
406853.49	3747680.19	0.00153	406856.71	3747672.41	0.00142
406867.71	3747661.41	0.00137	406875.49	3747658.19	0.00143
406883.26	3747654.96	0.00146	406891.04	3747651.74	0.00148
406843.82	3747703.52	0.00174	406843.82		

3747712.62	0.00189			
406843.82	3747721.71	0.00201	406843.82	
3747730.81	0.00208			
406843.82	3747739.91	0.00208	406843.82	
3747749.01	0.00203			
406843.82	3747758.10	0.00193	406843.82	
3747767.20	0.00179			
406841.75	3747696.45	0.00154	406844.68	
3747689.38	0.00149			
406847.61	3747682.31	0.00142	406850.54	
3747675.24	0.00134			
406853.46	3747668.16	0.00125	406863.46	
3747658.16	0.00121			
406870.54	3747655.24	0.00126	406877.61	
3747652.31	0.00129			
406884.68	3747649.38	0.00131	406891.75	
3747646.45	0.00132			
406838.82	3747703.52	0.00156	406838.82	
3747712.62	0.00169			
406838.82	3747721.71	0.00178	406838.82	
3747730.81	0.00183			
406838.82	3747739.91	0.00184	406838.82	
3747749.01	0.00180			
406838.82	3747758.10	0.00171	406838.82	
3747767.20	0.00160			
406836.99	3747695.86	0.00139	406840.17	
3747688.20	0.00135			
406843.34	3747680.54	0.00128	406846.51	
3747672.88	0.00121			
406849.69	3747665.22	0.00112	406860.52	
3747654.39	0.00108			
406868.18	3747651.21	0.00113	406875.84	
3747648.04	0.00116			
406883.50	3747644.87	0.00118	406891.16	
3747641.69	0.00118			
406833.82	3747703.52	0.00141	406833.82	
3747712.62	0.00151			
406833.82	3747721.71	0.00159	406833.82	
3747730.81	0.00163			
406833.82	3747739.91	0.00164	406833.82	
3747749.01	0.00160			
406833.82	3747758.10	0.00153	406833.82	
3747767.20	0.00144			
406832.24	3747695.27	0.00126	406835.65	
3747687.02	0.00122			
406839.07	3747678.77	0.00116	406842.49	
3747670.52	0.00109			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

406876.28 3747627.86 0.00079 406883.79
3747624.74 0.00079
406891.31 3747621.63 0.00078 406813.82
3747703.52 0.00096
406813.82 3747712.62 0.00102 406813.82
3747721.71 0.00106
406813.82 3747730.81 0.00108 406813.82
3747739.91 0.00108
406813.82 3747749.01 0.00106 406813.82
3747758.10 0.00103
406813.82 3747767.20 0.00098 406812.12
3747695.57 0.00088
406815.41 3747687.61 0.00087 406818.71
3747679.66 0.00085
406822.00 3747671.70 0.00081 406825.30
3747663.75 0.00077

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406828.59	3747655.79	0.00073	406831.89	3747647.84	0.00068
406843.14	3747636.59	0.00066	406851.09	3747633.29	0.00068
406859.05	3747630.00	0.00070	406867.00	3747626.70	0.00071
406882.91	3747620.11	0.00072	406890.87	3747616.82	0.00071
406808.82	3747703.52	0.00088	406808.82	3747712.62	0.00093
406808.82	3747721.71	0.00096	406808.82	3747730.81	0.00098
406808.82	3747739.91	0.00098	406808.82	3747749.01	0.00097
406808.82	3747758.10	0.00094	406808.82	3747767.20	0.00090
406807.30	3747695.12	0.00081	406810.78	3747686.73	0.00080
406814.25	3747678.33	0.00078	406817.73	3747669.93	0.00075
406821.21	3747661.54	0.00071	406824.69	3747653.14	0.00067
406828.17	3747644.74	0.00063	406840.04	3747632.87	0.00060
406848.44	3747629.39	0.00063	406856.84	3747625.91	0.00064
406865.23	3747622.43	0.00065	406873.63	3747618.95	0.00066
406882.03	3747615.48	0.00066	406890.42		

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        3747612.00        0.00065
        406803.82    3747703.52        0.00081                        406803.82
        3747712.62        0.00085
        406803.82    3747721.71        0.00088                        406803.82
        3747730.81        0.00090
        406803.82    3747739.91        0.00090                        406803.82
        3747749.01        0.00089
        406803.82    3747758.10        0.00086                        406803.82
        3747767.20        0.00083
        406802.07    3747695.66        0.00075                        406805.33
        3747687.81        0.00074
        406808.58    3747679.95        0.00073                        406811.84
        3747672.09        0.00071
        406815.09    3747664.24        0.00068                        406818.35
        3747656.38        0.00064
        406821.60    3747648.52        0.00061                        406824.85
        3747640.67        0.00057
        406835.97    3747629.55        0.00055                        406843.82
        3747626.30        0.00057
        406851.68    3747623.05        0.00059                        406859.54
        3747619.79        0.00060
        406867.39    3747616.54        0.00060                        406875.25
        3747613.28        0.00061
        406883.11    3747610.03        0.00061                        406890.96
        3747606.77        0.00060
        406798.82    3747703.52        0.00075                        406798.82
        3747712.62        0.00079
        406798.82    3747721.71        0.00081                        406798.82
        3747730.81        0.00082
        406798.82    3747739.91        0.00083                        406798.82
        3747749.01        0.00082
        406798.82    3747758.10        0.00079                        406798.82
        3747767.20        0.00076
        406898.82    3747772.20        0.00776                        406907.92
        3747772.20        0.01064
        406917.01    3747772.20        0.01423                        406926.11
        3747772.20        0.01737
        406935.21    3747772.20        0.01865                        406944.31
        3747772.20        0.01778
        406953.40    3747772.20        0.01549                        406962.50
        3747772.20        0.01273
        406898.82    3747777.20        0.00674                        406907.92
        3747777.20        0.00904
        406917.01    3747777.20        0.01177                        406926.11
        3747777.20        0.01412
        406935.21    3747777.20        0.01520                        406944.31
        3747777.20        0.01478
        406953.40    3747777.20        0.01326                        406962.50
        3747777.20        0.01125
        406893.52    3747780.00        0.00531                        406886.02
        3747772.50        0.00508
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:23:21

                      PAGE  35
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     VOL1        ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406898.82	3747782.20	0.00587	406907.92	3747782.20	0.00770
406917.01	3747782.20	0.00980	406926.11	3747782.20	0.01161
406935.21	3747782.20	0.01254	406944.31	3747782.20	0.01240
406953.40	3747782.20	0.01140	406962.50	3747782.20	0.00993
406891.75	3747784.27	0.00454	406881.75	3747774.27	0.00430
406898.82	3747787.20	0.00513	406907.92	3747787.20	0.00660
406917.01	3747787.20	0.00824	406926.11	3747787.20	0.00967
406935.21	3747787.20	0.01047	406944.31	3747787.20	0.01049
406953.40	3747787.20	0.00984	406962.50	3747787.20	0.00878
406892.93	3747789.76	0.00410	406887.03	3747787.32	0.00372
406878.70	3747778.99	0.00358	406876.26	3747773.09	0.00376
406898.82	3747792.20	0.00450	406907.92	3747792.20	0.00569
406917.01	3747792.20	0.00700	406926.11	3747792.20	0.00815
406935.21	3747792.20	0.00885	406944.31	3747792.20	0.00896
406953.40	3747792.20	0.00855	406962.50	3747792.20	0.00778
406891.75	3747794.27	0.00358	406884.68	3747791.34	0.00321
406874.68	3747781.34	0.00308	406871.75	3747774.27	0.00325
406898.82	3747797.20	0.00398	406907.92	3747797.20	0.00495
406917.01	3747797.20	0.00600	406926.11	3747797.20	0.00694
406935.21	3747797.20	0.00755	406944.31	3747797.20	0.00771
406953.40	3747797.20	0.00747	406962.50	3747797.20	0.00692
406890.57	3747798.78	0.00314	406882.32	3747795.37	0.00280
406870.65	3747783.70	0.00268	406867.24	3747775.45	0.00284
406898.82	3747802.20	0.00353	406907.92	3747802.20	0.00433
406917.01	3747802.20	0.00520	406926.11	3747802.20	0.00597
406935.21	3747802.20	0.00650	406944.31	3747802.20	0.00669
406953.40	3747802.20	0.00656	406962.50	3747802.20	0.00617
406891.75	3747804.27	0.00287	406884.68	3747801.34	0.00261
406877.61	3747798.41	0.00237	406867.61	3747788.41	0.00230
406864.68	3747781.34	0.00242	406861.75	3747774.27	0.00252

406898.82 3747807.20 0.00315 406907.92
3747807.20 0.00382
406917.01 3747807.20 0.00453 406926.11
3747807.20 0.00518
406935.21 3747807.20 0.00565 406944.31
3747807.20 0.00585
406953.40 3747807.20 0.00579 406962.50
3747807.20 0.00552
406890.87 3747808.90 0.00256 406882.91
3747805.61 0.00231
406874.96 3747802.31 0.00209 406863.71
3747791.06 0.00202
406860.41 3747783.11 0.00214 406857.12
3747775.15 0.00222
406898.82 3747812.20 0.00282 406907.92
3747812.20 0.00339
406917.01 3747812.20 0.00398 406926.11
3747812.20 0.00453
406935.21 3747812.20 0.00494 406944.31
3747812.20 0.00515

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406953.40	3747812.20	0.00514	406962.50	3747812.20	0.00495
406891.75	3747814.27	0.00234	406884.68	3747811.34	0.00215
406877.61	3747808.41	0.00197	406870.54	3747805.48	0.00182
406860.54	3747795.48	0.00177	406857.61	3747788.41	0.00186
406854.68	3747781.34	0.00193	406851.75	3747774.27	0.00198
406898.82	3747817.20	0.00254	406907.92	3747817.20	0.00302
406917.01	3747817.20	0.00353	406926.11	3747817.20	0.00400
406935.21	3747817.20	0.00435	406944.31	3747817.20	0.00456
406953.40	3747817.20	0.00459	406962.50	3747817.20	0.00446
406891.04	3747818.98	0.00211	406883.26	3747815.76	0.00193
406875.49	3747812.53	0.00176	406867.71	3747809.31	0.00162
406856.71	3747798.31	0.00157	406853.49	3747790.53	0.00166
406850.26	3747782.76	0.00173	406847.04		

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        3747774.98        0.00177
        406898.82    3747822.20        0.00230                    406907.92
        3747822.20        0.00271
        406917.01    3747822.20        0.00314                    406926.11
        3747822.20        0.00354
        406935.21    3747822.20        0.00386                    406944.31
        3747822.20        0.00405
        406953.40    3747822.20        0.00411                    406962.50
        3747822.20        0.00403
        406891.75    3747824.27        0.00194                    406884.68
        3747821.34        0.00179
        406877.61    3747818.41        0.00166                    406870.54
        3747815.48        0.00154
        406863.46    3747812.56        0.00143                    406853.46
        3747802.56        0.00139
        406850.54    3747795.48        0.00146                    406847.61
        3747788.41        0.00152
        406844.68    3747781.34        0.00157                    406841.75
        3747774.27        0.00159
        406898.82    3747827.20        0.00208                    406907.92
        3747827.20        0.00244
        406917.01    3747827.20        0.00281                    406926.11
        3747827.20        0.00316
        406935.21    3747827.20        0.00344                    406944.31
        3747827.20        0.00363
        406953.40    3747827.20        0.00369                    406962.50
        3747827.20        0.00365
        406891.16    3747829.03        0.00176                    406883.50
        3747825.85        0.00162
        406875.84    3747822.68        0.00150                    406868.18
        3747819.51        0.00138
        406860.52    3747816.33        0.00128                    406849.69
        3747805.50        0.00125
        406846.51    3747797.84        0.00132                    406843.34
        3747790.18        0.00137
        406840.17    3747782.52        0.00141                    406836.99
        3747774.86        0.00144
        406898.82    3747832.20        0.00190                    406907.92
        3747832.20        0.00221
        406917.01    3747832.20        0.00253                    406926.11
        3747832.20        0.00284
        406935.21    3747832.20        0.00309                    406944.31
        3747832.20        0.00326
        406953.40    3747832.20        0.00334                    406962.50
        3747832.20        0.00332
        406890.57    3747833.78        0.00161                    406882.32
        3747830.37        0.00148
        406874.07    3747826.95        0.00136                    406865.82
        3747823.53        0.00125
        406857.57    3747820.11        0.00116                    406845.91
        3747808.45        0.00113
        406842.49    3747800.20        0.00119                    406839.07
        3747791.95        0.00124
        406835.65    3747783.70        0.00128                    406832.24
        3747775.45        0.00130
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***       15:23:21

                    PAGE  37
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):     VOL1        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406898.82	3747837.20	0.00174	406907.92	3747837.20	0.00201
406917.01	3747837.20	0.00229	406926.11	3747837.20	0.00256
406935.21	3747837.20	0.00278	406944.31	3747837.20	0.00294
406953.40	3747837.20	0.00302	406962.50	3747837.20	0.00303
406891.24	3747839.06	0.00149	406883.67	3747835.92	0.00138
406876.09	3747832.79	0.00128	406868.52	3747829.65	0.00119
406860.94	3747826.51	0.00111	406853.36	3747823.37	0.00104
406842.65	3747812.66	0.00102	406839.51	3747805.08	0.00107
406836.37	3747797.50	0.00111	406833.23	3747789.93	0.00115
406830.10	3747782.35	0.00117	406826.96	3747774.78	0.00118
406898.82	3747842.20	0.00159	406907.92	3747842.20	0.00183
406917.01	3747842.20	0.00208	406926.11	3747842.20	0.00231
406935.21	3747842.20	0.00252	406944.31	3747842.20	0.00266
406953.40	3747842.20	0.00275	406962.50	3747842.20	0.00277
406890.74	3747843.85	0.00137	406882.66	3747840.51	0.00127
406874.58	3747837.16	0.00117	406858.41	3747830.46	0.00101
406850.33	3747827.12	0.00094	406838.90	3747815.69	0.00093
406835.56	3747807.61	0.00097	406832.21	3747799.52	0.00101
406828.86	3747791.44	0.00105	406825.51	3747783.36	0.00107
406822.17	3747775.28	0.00108	406898.82	3747847.20	0.00147
406907.92	3747847.20	0.00168	406917.01	3747847.20	0.00190
406926.11	3747847.20	0.00210	406935.21	3747847.20	0.00229
406944.31	3747847.20	0.00242	406953.40	3747847.20	0.00251
406962.50	3747847.20	0.00253	406891.31	3747849.09	0.00127
406883.79	3747845.98	0.00119	406876.28	3747842.86	0.00111
406868.77	3747839.75	0.00104	406861.25	3747836.64	0.00097
406853.74	3747833.53	0.00091	406846.23	3747830.42	0.00086
406835.60	3747819.79	0.00084	406832.49	3747812.28	0.00088

406829.38 3747804.77 0.00091 406826.27
3747797.25 0.00094
406823.16 3747789.74 0.00097 406820.04
3747782.23 0.00098
406816.93 3747774.71 0.00099 406898.82
3747852.20 0.00135
406907.92 3747852.20 0.00154 406917.01
3747852.20 0.00173
406926.11 3747852.20 0.00192 406935.21
3747852.20 0.00208
406944.31 3747852.20 0.00221 406953.40
3747852.20 0.00229
406962.50 3747852.20 0.00233 406890.87
3747853.90 0.00118
406882.91 3747850.61 0.00110 406874.96
3747847.31 0.00102
406867.00 3747844.02 0.00095 406859.05
3747840.72 0.00089
406851.09 3747837.43 0.00084 406843.14
3747834.13 0.00078
406831.89 3747822.88 0.00077 406828.59
3747814.93 0.00081
406825.30 3747806.97 0.00084 406822.00
3747799.02 0.00087

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406818.71	3747791.06	0.00089	406815.41	3747783.11	0.00090
406812.12	3747775.15	0.00091	406898.82	3747857.20	0.00125
406907.92	3747857.20	0.00142	406917.01	3747857.20	0.00159
406926.11	3747857.20	0.00176	406935.21	3747857.20	0.00191
406944.31	3747857.20	0.00202	406953.40	3747857.20	0.00211
406962.50	3747857.20	0.00214	406890.42	3747858.72	0.00109
406882.03	3747855.24	0.00101	406873.63	3747851.77	0.00094
406865.23	3747848.29	0.00088	406856.84	3747844.81	0.00082
406848.44	3747841.33	0.00077	406840.04	3747837.85	0.00072
406828.17	3747825.98	0.00071	406824.69	3747817.58	0.00074
406821.21	3747809.18	0.00077	406817.73		

3747800.79	0.00080			
406814.25	3747792.39	0.00082	406810.78	
3747783.99	0.00083			
406807.30	3747775.60	0.00083	406898.82	
3747862.20	0.00116			
406907.92	3747862.20	0.00131	406917.01	
3747862.20	0.00147			
406926.11	3747862.20	0.00162	406935.21	
3747862.20	0.00175			
406944.31	3747862.20	0.00186	406953.40	
3747862.20	0.00194			
406962.50	3747862.20	0.00198	406890.96	
3747863.95	0.00102			
406883.11	3747860.69	0.00096	406875.25	
3747857.44	0.00090			
406867.39	3747854.18	0.00084	406859.54	
3747850.93	0.00079			
406851.68	3747847.67	0.00074	406843.82	
3747844.42	0.00070			
406835.97	3747841.17	0.00066	406824.85	
3747830.05	0.00065			
406821.60	3747822.20	0.00068	406818.35	
3747814.34	0.00070			
406815.09	3747806.48	0.00073	406811.84	
3747798.63	0.00075			
406808.58	3747790.77	0.00076	406805.33	
3747782.91	0.00077			
406802.07	3747775.06	0.00077	406898.82	
3747867.20	0.00108			
406907.92	3747867.20	0.00122	406917.01	
3747867.20	0.00135			
406926.11	3747867.20	0.00149	406935.21	
3747867.20	0.00161			
406944.31	3747867.20	0.00171	406953.40	
3747867.20	0.00179			
406962.50	3747867.20	0.00183	406898.82	
3747767.20	0.00895			
406962.50	3747767.20	0.01436	406962.58	
3747703.52	0.00829			
406898.82	3747703.52			
0.00802				

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406967.50	3747767.21	0.23951	(13112016)	406967.51	3747758.11	0.26294	(12121416)
406967.52	3747749.01	0.30289	(12121416)	406967.53			

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3747739.91        0.29226  (12121416)
406967.55   3747730.82        0.27161  (15122816)                406967.56
3747721.72        0.30005  (15122816)
406967.57   3747712.62        0.27904  (15122816)                406967.58
3747703.53        0.22820  (15122816)
406972.50   3747767.21        0.20417  (13112016)                406972.51
3747758.12        0.24153  (12121416)
406972.52   3747749.02        0.26800  (12121416)                406972.53
3747739.92        0.25250  (12121416)
406972.55   3747730.82        0.22989  (15122816)                406972.56
3747721.73        0.26053  (15122816)
406972.57   3747712.63        0.25152  (15122816)                406972.58
3747703.53        0.21484  (15122816)
406975.30   3747772.52        0.18434  (13112016)                406967.80
3747780.01        0.21943  (14120316)
406977.50   3747767.22        0.18103  (12121416)                406977.51
3747758.12        0.21983  (12121416)
406977.52   3747749.02        0.23583  (12121416)                406977.53
3747739.93        0.21739  (12121416)
406977.55   3747730.83        0.19914  (12122416)                406977.56
3747721.73        0.22495  (15122816)
406977.57   3747712.64        0.22465  (15122816)                406977.58
3747703.54        0.19961  (15122816)
406979.57   3747774.29        0.16117  (13112016)                406969.57
3747784.28        0.19906  (14120316)
406982.50   3747767.23        0.16997  (12121416)                406982.51
3747758.13        0.19893  (12121416)
406982.52   3747749.03        0.20720  (12121416)                406982.53
3747739.93        0.18736  (12121416)
406982.55   3747730.84        0.17402  (12122416)                406982.56
3747721.74        0.19390  (15122816)
406982.57   3747712.64        0.19956  (15122816)                406982.58
3747703.55        0.18369  (15122816)
406985.06   3747773.12        0.14248  (12121416)                406982.61
3747779.00        0.14616  (13112016)
406974.28   3747787.33        0.17045  (12113016)                406968.39
3747789.76        0.19762  (14120316)
406987.50   3747767.23        0.15846  (12121416)                406987.51
3747758.13        0.17950  (12121416)
406987.52   3747749.04        0.18220  (12121416)                406987.53
3747739.94        0.16209  (12121416)
406987.55   3747730.84        0.15308  (12122416)                406987.56
3747721.75        0.16728  (15122816)
406987.57   3747712.65        0.17679  (15122816)                406987.58
3747703.55        0.16789  (15122816)
406989.57   3747774.30        0.13233  (12121416)                406986.63
3747781.36        0.12997  (13112016)
406976.63   3747791.35        0.15599  (12113016)                406969.57
3747794.28        0.18245  (14120316)
406992.50   3747767.24        0.14694  (12121416)                406992.51
3747758.14        0.16177  (12121416)
406992.52   3747749.04        0.16056  (12121416)                406992.53
3747739.95        0.14091  (12121416)
406992.55   3747730.85        0.13555  (12122416)                406992.56
3747721.75        0.14468  (15122816)
406992.57   3747712.65        0.15647  (15122816)                406992.58
3747703.56        0.15277  (15122816)
406994.08   3747775.48        0.12298  (12121416)                406990.66
3747783.72        0.11596  (13112016)
406978.99   3747795.38        0.14322  (12113016)                406970.74
3747798.79        0.16886  (14120316)
406997.50   3747767.24        0.13582  (12121416)                406997.51
3747758.15        0.14580  (12121416)
406997.52   3747749.05        0.14194  (12121416)                406997.53
3747739.95        0.12312  (12121416)
406997.55   3747730.86        0.12079  (12122416)                406997.56
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407002.52	3747749.06	0.12593	(12121416)	407002.53	3747739.96	0.10820	(12121416)
407002.55	3747730.86	0.10826	(12122416)	407002.56	3747721.76	0.10933	(15122816)
407002.57	3747712.67	0.12275	(15122816)	407002.58	3747703.57	0.12554	(15122816)
407004.20	3747775.20	0.11018	(12121416)	407000.90	3747783.15	0.09705	(12121416)
406997.60	3747791.09	0.09657	(13112016)	406986.35	3747802.33	0.11564	(12113016)
406978.40	3747805.62	0.13240	(12113016)	406970.45	3747808.91	0.15272	(14120316)
407007.50	3747767.26	0.11538	(12121416)	407007.51	3747758.16	0.11883	(12121416)
407007.52	3747749.06	0.11212	(12121416)	407007.53	3747739.97	0.09559	(12121416)
407007.55	3747730.87	0.09757	(12122416)	407007.56	3747721.77	0.09559	(15122816)
407007.57	3747712.67	0.10898	(15122816)	407007.58	3747703.58	0.11361	(15122816)
407009.57	3747774.33	0.10412	(12121416)	407006.63	3747781.39	0.09617	(12121416)
407003.70	3747788.45	0.08377	(12121716)	407000.77	3747795.51	0.08932	(13112016)
406990.77	3747805.50	0.10422	(13112016)	406983.70	3747808.43	0.11755	(12113016)
406976.63	3747811.35	0.12937	(14120316)	406969.57	3747814.28	0.14606	(14120316)
407012.50	3747767.26	0.10625	(12121416)	407012.51	3747758.17	0.10756	(12121416)
407012.52	3747749.07	0.10022	(12121416)	407012.53	3747739.97	0.08589	(16010616)
407012.55	3747730.87	0.08838	(12122416)	407012.56	3747721.78	0.08654	(12122416)

407012.57 3747712.68 0.09695 (15122816) 407012.58
3747703.58 0.10280 (15122816)
407014.27 3747775.04 0.09699 (12121416) 407011.05
3747782.81 0.08987 (12121416)
407007.82 3747790.58 0.07787 (12121416) 407004.59
3747798.35 0.08155 (13112016)
406993.59 3747809.33 0.09656 (13112016) 406985.82
3747812.55 0.10948 (12113016)
406978.05 3747815.77 0.12052 (14120316) 406970.27
3747818.98 0.13647 (14120316)
407017.50 3747767.27 0.09785 (12121416) 407017.51
3747758.17 0.09756 (12121416)
407017.52 3747749.07 0.08991 (12121416) 407017.53
3747739.98 0.07800 (16010616)
407017.55 3747730.88 0.08042 (12122416) 407017.56
3747721.78 0.07908 (12122416)
407017.57 3747712.69 0.08643 (15122816) 407017.58
3747703.59 0.09304 (15122816)
407019.57 3747774.34 0.09086 (12121416) 407016.63
3747781.40 0.08693 (12121416)
407013.70 3747788.46 0.07893 (12121416) 407010.77
3747795.53 0.07192 (12121716)
407007.83 3747802.59 0.07580 (13112016) 406997.83
3747812.58 0.08829 (13112016)
406990.77 3747815.50 0.09802 (12113016) 406983.70
3747818.43 0.10721 (12113016)
406976.63 3747821.35 0.11828 (14120316) 406969.57
3747824.28 0.12952 (14120316)
407022.50 3747767.28 0.09015 (12121416) 407022.51
3747758.18 0.08869 (12121416)
407022.52 3747749.08 0.08097 (12121416) 407022.53
3747739.98 0.07111 (16010616)
407022.55 3747730.89 0.07350 (12122416) 407022.56
3747721.79 0.07253 (12122416)
407022.57 3747712.69 0.07725 (15122816) 407022.58
3747703.60 0.08427 (15122816)
407024.32 3747774.93 0.08472 (12121416) 407021.14
3747782.58 0.08150 (12121416)
407017.97 3747790.24 0.07399 (12121416) 407014.79
3747797.89 0.06700 (12121716)
407011.61 3747805.54 0.06974 (13112016) 407000.78
3747816.36 0.08220 (13112016)
406993.12 3747819.53 0.09161 (12113016) 406985.47
3747822.70 0.10036 (12113016)
406977.81 3747825.86 0.11083 (14120316) 406970.16
3747829.03 0.12133 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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407027.50	3747767.28	0.08313	(12121416)	407027.51
3747758.18	0.08081	(12121416)		
407027.52	3747749.09	0.07317	(12121416)	407027.53
3747739.99	0.06508	(16010616)		
407027.55	3747730.89	0.06743	(12122416)	407027.56
3747721.80	0.06676	(12122416)		
407027.57	3747712.70	0.06921	(15122816)	407027.58
3747703.60	0.07641	(15122816)		
407029.08	3747775.53	0.07907	(12121416)	407025.66
3747783.77	0.07650	(12121416)		
407022.23	3747792.01	0.06951	(12121416)	407018.81
3747800.25	0.06255	(12121716)		
407015.39	3747808.49	0.06436	(13112016)	407003.72
3747820.14	0.07675	(13112016)		
406995.48	3747823.55	0.08581	(12113016)	406987.23
3747826.96	0.09415	(12113016)		
406978.99	3747830.38	0.10404	(14120316)	406970.74
3747833.79	0.11383	(14120316)		
407032.50	3747767.29	0.07673	(12121416)	407032.51
3747758.19	0.07380	(12121416)		
407032.52	3747749.09	0.06633	(12121416)	407032.53
3747740.00	0.05979	(12122416)		
407032.55	3747730.90	0.06207	(12122416)	407032.56
3747721.80	0.06163	(12122416)		
407032.57	3747712.71	0.06216	(15122816)	407032.58
3747703.61	0.06936	(15122816)		
407034.36	3747774.86	0.07377	(12121416)	407031.21
3747782.43	0.07301	(12121416)		
407028.07	3747790.00	0.06871	(12121416)	407024.93
3747797.56	0.06151	(12121416)		
407021.79	3747805.13	0.05845	(12121716)	407018.64
3747812.70	0.06033	(13112016)		
407007.93	3747823.40	0.07083	(13112016)	407000.36
3747826.53	0.07748	(12113016)		
406992.79	3747829.67	0.08568	(12113016)	406985.21
3747832.80	0.09052	(14120316)		
406977.64	3747835.93	0.10101	(14120316)	406970.07
3747839.07	0.10779	(14120316)		
407037.50	3747767.29	0.07090	(12121416)	407037.51
3747758.20	0.06755	(12121416)		
407037.52	3747749.10	0.06034	(12121416)	407037.53
3747740.00	0.05523	(12122416)		
407037.55	3747730.91	0.05733	(12122416)	407037.56
3747721.81	0.05706	(12122416)		
407037.57	3747712.71	0.05597	(15122816)	407037.58
3747703.61	0.06305	(15122816)		
407039.15	3747775.37	0.06895	(12121416)	407035.80
3747783.44	0.06867	(12121416)		
407032.44	3747791.52	0.06480	(12121416)	407029.09
3747799.59	0.05792	(12121416)		
407025.74	3747807.66	0.05487	(12121716)	407022.39
3747815.73	0.05602	(13112016)		
407010.96	3747827.15	0.06641	(13112016)	407002.88
3747830.49	0.07281	(12113016)		
406986.73	3747837.17	0.08516	(14120316)	406978.65
3747840.52	0.09518	(14120316)		
406970.58	3747843.86	0.10136	(14120316)	407042.50
3747767.30	0.06559	(12121416)		
407042.51	3747758.20	0.06196	(12121416)	407042.52
3747749.11	0.05531	(16010616)		
407042.53	3747740.01	0.05116	(12122416)	407042.55
3747730.91	0.05310	(12122416)		
407042.56	3747721.81	0.05298	(12122416)	407042.57
3747712.72	0.05154	(16011916)		
407042.58	3747703.62	0.05739	(15122816)	407044.38

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407047.51	3747758.21	0.05696	(12121416)	407047.52	3747749.11	0.05137	(16010616)
407047.53	3747740.02	0.04752	(12122416)	407047.55	3747730.92	0.04933	(12122416)
407047.56	3747721.82	0.04931	(12122416)	407047.57	3747712.72	0.04794	(16011916)
407047.58	3747703.63	0.05232	(15122816)	407049.20	3747775.26	0.06014	(12121416)
407045.90	3747783.20	0.06124	(12121416)	407042.60	3747791.15	0.05948	(12121416)
407039.30	3747799.10	0.05511	(12121416)	407036.00	3747807.04	0.04872	(12121416)
407032.70	3747814.99	0.04849	(12121716)	407029.40	3747822.93	0.04920	(13112016)
407018.15	3747834.17	0.05803	(13112016)	407010.20	3747837.46	0.06236	(12113016)
407002.25	3747840.75	0.06964	(12113016)	406994.30	3747844.04	0.07420	(12113016)
406978.40	3747850.62	0.08661	(14120316)	406970.45	3747853.91	0.09034	(14120316)
407052.50	3747767.31	0.05635	(12121416)	407052.51	3747758.22	0.05248	(12121416)
407052.52	3747749.12	0.04782	(16010616)	407052.53	3747740.02	0.04427	(12122416)
407052.55	3747730.92	0.04594	(12122416)	407052.56	3747721.83	0.04601	(12122416)
407052.57	3747712.73	0.04467	(16011916)	407052.58	3747703.63	0.04778	(15122816)
407054.02	3747775.71	0.05637	(12121416)	407050.53	3747784.09	0.05777	(12121416)

407047.05 3747792.48 0.05632 (12121416) 407043.57
3747800.87 0.05222 (12121416)
407040.08 3747809.26 0.04606 (12121416) 407036.60
3747817.64 0.04581 (12121716)
407033.12 3747826.03 0.04602 (13112016) 407021.24
3747837.89 0.05473 (13112016)
407012.85 3747841.36 0.05889 (13112016) 407004.46
3747844.84 0.06591 (12113016)
406996.07 3747848.31 0.07020 (12113016) 406987.67
3747851.78 0.07535 (14120316)
406979.28 3747855.25 0.08196 (14120316) 406970.89
3747858.73 0.08526 (14120316)
407057.50 3747767.32 0.05234 (12121416) 407057.51
3747758.22 0.04844 (12121416)
407057.52 3747749.13 0.04462 (16010616) 407057.53
3747740.03 0.04133 (12122416)
407057.55 3747730.93 0.04289 (12122416) 407057.56
3747721.83 0.04302 (12122416)
407057.57 3747712.74 0.04176 (12122416) 407057.58
3747703.64 0.04369 (15122816)
407059.24 3747775.17 0.05256 (12121416) 407055.98
3747783.02 0.05445 (12121416)
407052.72 3747790.87 0.05410 (12121416) 407049.46
3747798.72 0.05156 (12121416)
407046.20 3747806.56 0.04714 (12121416) 407042.94
3747814.41 0.04322 (12121716)
407039.68 3747822.26 0.04316 (12121716) 407036.43
3747830.11 0.04355 (13112016)
407025.31 3747841.20 0.05116 (13112016) 407017.46
3747844.45 0.05501 (13112016)
407009.61 3747847.70 0.06048 (12113016) 407001.76
3747850.95 0.06513 (12113016)
406993.91 3747854.20 0.06721 (12113016) 406986.06
3747857.45 0.07382 (14120316)
406978.20 3747860.70 0.07861 (14120316) 406970.35
3747863.95 0.08066 (14120316)
407062.50 3747767.33 0.04868 (12121416) 407062.51
3747758.23 0.04481 (12121416)
407062.52 3747749.13 0.04172 (16010616) 407062.53
3747740.03 0.03868 (12122416)
407062.55 3747730.94 0.04013 (12122416) 407062.56
3747721.84 0.04032 (12122416)
407062.57 3747712.74 0.03925 (12122416) 407062.58
3747703.65 0.04002 (15122816)
406962.58 3747698.52 0.19866 (15122816) 406953.47
3747698.52 0.20705 (13121016)
406944.36 3747698.52 0.23113 (12122016) 406935.25
3747698.52 0.24027 (12122016)
406926.15 3747698.52 0.22073 (12122016) 406917.04
3747698.52 0.19612 (16120216)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406907.93	3747698.52	0.21663	(13112916)	406898.82	3747698.52	0.21978	(13112916)
406962.58	3747693.52	0.16727	(13121016)	406953.47	3747693.52	0.17971	(13121016)
406944.36	3747693.52	0.19973	(12122016)	406935.25	3747693.52	0.20410	(12122016)
406926.15	3747693.52	0.18680	(12122016)	406917.04	3747693.52	0.17400	(16120216)
406907.93	3747693.52	0.17205	(13112916)	406898.82	3747693.52	0.18355	(13112916)
406967.89	3747690.72	0.14765	(15122816)	406975.39	3747698.23	0.18275	(15122816)
406962.58	3747688.52	0.14939	(13121016)	406953.47	3747688.52	0.15913	(12122016)
406944.36	3747688.52	0.17323	(12122016)	406935.25	3747688.52	0.17437	(12122016)
406926.15	3747688.52	0.16035	(16120216)	406917.04	3747688.52	0.15427	(16120216)
406907.93	3747688.52	0.13471	(16120216)	406898.82	3747688.52	0.15083	(13112916)
406969.66	3747686.45	0.13290	(13121016)	406979.66	3747696.47	0.16745	(15122816)
406962.58	3747683.52	0.13243	(13121016)	406953.47	3747683.52	0.14136	(12122016)
406944.36	3747683.52	0.15097	(12122016)	406935.25	3747683.52	0.15001	(12122016)
406926.15	3747683.52	0.14080	(16120216)	406917.04	3747683.52	0.13706	(16120216)
406907.93	3747683.52	0.12219	(16120216)	406898.82	3747683.52	0.12237	(13112916)
406968.48	3747680.96	0.12035	(13121016)	406974.37	3747683.41	0.11865	(13121016)
406982.71	3747691.75	0.14528	(15122816)	406985.14	3747697.65	0.16044	(15122816)
406962.58	3747678.52	0.11678	(13121016)	406953.47	3747678.52	0.12592	(12122016)
406944.36	3747678.52	0.13229	(12122016)	406935.25	3747678.52	0.12998	(12122016)
406926.15	3747678.52	0.12427	(16120216)	406917.04	3747678.52	0.12219	(16120216)
406907.93	3747678.52	0.11088	(16120216)	406898.82	3747678.52	0.09832	(13112916)
406969.66	3747676.45	0.10841	(13121016)	406976.73	3747679.39	0.10777	(13121016)
406986.73	3747689.40	0.13292	(15122816)	406989.66	3747696.48	0.14772	(15122816)
406962.58	3747673.52	0.10324	(12122016)	406953.47	3747673.52	0.11252	(12122016)
406944.36	3747673.52	0.11655	(12122016)	406935.25	3747673.52	0.11343	(12122016)
406926.15	3747673.52	0.11029	(16120216)	406917.04	3747673.52	0.10936	(16120216)
406907.93	3747673.52	0.10076	(16120216)	406898.82	3747673.52	0.08695	(16120216)
406970.83	3747671.94	0.09780	(13121016)	406979.09	3747675.36	0.09823	(13121016)
406990.76	3747687.05	0.12202	(15122816)	406994.17	3747695.30	0.13612	(15122816)
406962.58	3747668.52	0.09399	(12122016)	406953.47	3747668.52	0.10091	(12122016)
406944.36	3747668.52	0.10323	(12122016)	406935.25			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406926.15	3747668.52	0.09842	(16120216)	406917.04	3747668.52	0.09830	(16120216)
406907.93	3747668.52	0.09177	(16120216)	406898.82	3747668.52	0.08062	(16120216)
406969.66	3747666.45	0.08672	(13121016)	406976.73	3747669.39	0.09015	(13121016)
406983.81	3747672.32	0.08901	(13121016)	406993.81	3747682.33	0.10747	(15122816)
406996.73	3747689.41	0.12044	(15122816)	406999.66	3747696.49	0.12694	(15122816)
406962.58	3747663.52	0.08571	(12122016)	406953.47	3747663.52	0.09081	(12122016)
406944.36	3747663.52	0.09191	(12122016)	406935.25	3747663.52	0.08810	(12122016)
406926.15	3747663.52	0.08830	(16120216)	406917.04	3747663.52	0.08874	(16120216)
406907.93	3747663.52	0.08379	(16120216)	406898.82	3747663.52	0.07477	(16120216)
406970.54	3747661.82	0.07803	(13121016)	406978.50	3747665.12	0.08236	(13121016)
406986.46	3747668.42	0.08177	(13121016)	406997.71	3747679.68	0.09900	(15122816)
407001.00	3747687.65	0.11158	(15122816)	407004.29	3747695.61	0.11694	(15122816)
406962.58	3747658.52	0.07829	(12122016)	406953.47	3747658.52	0.08199	(12122016)
406944.36	3747658.52	0.08221	(12122016)	406935.25	3747658.52	0.07833	(12122016)
406926.15	3747658.52	0.07963	(16120216)	406917.04	3747658.52	0.08045	(16120216)
406907.93	3747658.52	0.07670	(16120216)	406898.82	3747658.52	0.06939	(16120216)
406969.66	3747656.45	0.07122	(12122016)	406976.73	3747659.39	0.07404	(13121016)
406983.81	3747662.32	0.07604	(13121016)	406990.88	3747665.25	0.07475	(13121016)
407000.88	3747675.27	0.08840	(15122816)	407003.81	3747682.35	0.09956	(15122816)
407006.73	3747689.42	0.10637	(15122816)	407009.66	3747696.50	0.10758	(15122816)
406962.58	3747653.52	0.07164	(12122016)	406953.47	3747653.52	0.07426	(12122016)
406944.36	3747653.52	0.07386	(12122016)	406935.25	3747653.52	0.07001	(12122016)

406926.15 3747653.52 0.07215 (16120216) 406917.04
3747653.52 0.07322 (16120216)
406907.93 3747653.52 0.07041 (16120216) 406898.82
3747653.52 0.06447 (16120216)
406970.36 3747651.75 0.06571 (12122016) 406978.15
3747654.97 0.06763 (13121016)
406985.93 3747658.20 0.07011 (13121016) 406993.71
3747661.43 0.06913 (13121016)
407004.71 3747672.44 0.08177 (15122816) 407007.93
3747680.23 0.09263 (15122816)
407011.15 3747688.01 0.09882 (15122816) 407014.36
3747695.80 0.09906 (15122816)
406962.58 3747648.52 0.06569 (12122016) 406953.47
3747648.52 0.06746 (12122016)
406944.36 3747648.52 0.06662 (12122016) 406935.25
3747648.52 0.06286 (12122016)
406926.15 3747648.52 0.06566 (16120216) 406917.04
3747648.52 0.06689 (16120216)
406907.93 3747648.52 0.06482 (16120216) 406898.82
3747648.52 0.05998 (16120216)
406969.66 3747646.45 0.06085 (12122016) 406976.73
3747649.39 0.06017 (13121016)
406983.81 3747652.32 0.06383 (13121016) 406990.88
3747655.25 0.06497 (13121016)
406997.96 3747658.19 0.06368 (13121016) 407007.96
3747668.20 0.07378 (15122816)
407010.88 3747675.28 0.08334 (15122816) 407013.81
3747682.36 0.08992 (15122816)
407016.73 3747689.44 0.09251 (15122816) 407019.66
3747696.52 0.09057 (15122816)
406962.58 3747643.52 0.06035 (12122016) 406953.47
3747643.52 0.06147 (12122016)
406944.36 3747643.52 0.06032 (12122016) 406935.25
3747643.52 0.05670 (12122016)
406926.15 3747643.52 0.06000 (16120216) 406917.04
3747643.52 0.06133 (16120216)
406907.93 3747643.52 0.05982 (16120216) 406898.82
3747643.52 0.05588 (16120216)
406970.25 3747641.70 0.05635 (12122016) 406977.91
3747644.88 0.05551 (12122016)
406985.58 3747648.05 0.05892 (13121016) 406993.24
3747651.23 0.06034 (13121016)
407000.91 3747654.41 0.05923 (13121016) 407011.74
3747665.26 0.06856 (15122816)
407014.91 3747672.93 0.07786 (15122816) 407018.08
3747680.59 0.08404 (15122816)
407021.24 3747688.26 0.08606 (15122816) 407024.41
3747695.93 0.08343 (15122816)
406962.58 3747638.52 0.05556 (12122016) 406953.47
3747638.52 0.05617 (12122016)
406944.36 3747638.52 0.05480 (12122016) 406935.25
3747638.52 0.05134 (12122016)
406926.15 3747638.52 0.05504 (16120216) 406917.04
3747638.52 0.05643 (16120216)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406907.93	3747638.52	0.05536	(16120216)	406898.82	3747638.52	0.05215	(16120216)
406970.83	3747636.94	0.05230	(12122016)	406979.09	3747640.36	0.05168	(12122016)
406987.34	3747643.79	0.05452	(13121016)	406995.60	3747647.21	0.05618	(13121016)
407003.85	3747650.63	0.05525	(13121016)	407015.52	3747662.31	0.06386	(15122816)
407018.93	3747670.57	0.07290	(15122816)	407022.34	3747678.83	0.07872	(15122816)
407025.76	3747687.09	0.08020	(15122816)	407029.17	3747695.35	0.07694	(15122816)
406962.58	3747633.52	0.05124	(12122016)	406953.47	3747633.52	0.05147	(12122016)
406944.36	3747633.52	0.04996	(12122016)	406935.25	3747633.52	0.04716	(16120216)
406926.15	3747633.52	0.05067	(16120216)	406917.04	3747633.52	0.05208	(16120216)
406907.93	3747633.52	0.05136	(16120216)	406898.82	3747633.52	0.04874	(16120216)
406970.16	3747631.66	0.04855	(12122016)	406977.74	3747634.81	0.04852	(12122016)
406985.32	3747637.95	0.04894	(13121016)	406992.90	3747641.09	0.05168	(13121016)
407000.48	3747644.23	0.05246	(13121016)	407008.07	3747647.38	0.05135	(13121016)
407018.78	3747658.11	0.05822	(15122816)	407021.91	3747665.69	0.06619	(15122816)
407025.05	3747673.27	0.07202	(15122816)	407028.18	3747680.86	0.07489	(15122816)
407031.31	3747688.44	0.07428	(15122816)	407034.45	3747696.03	0.07016	(15122816)
406962.58	3747628.52	0.04736	(12122016)	406953.47	3747628.52	0.04728	(12122016)
406944.36	3747628.52	0.04569	(12122016)	406935.25	3747628.52	0.04358	(16120216)
406926.15	3747628.52	0.04680	(16120216)	406917.04	3747628.52	0.04821	(16120216)
406907.93	3747628.52	0.04776	(16120216)	406898.82	3747628.52	0.04563	(16120216)
406970.67	3747626.87	0.04521	(12122016)	406978.75	3747630.22	0.04534	(12122016)
406986.84	3747633.58	0.04529	(13121016)	407003.01	3747640.28	0.04912	(13121016)
407011.10	3747643.63	0.04812	(13121016)	407022.53	3747655.08	0.05445	(15122816)
407025.87	3747663.17	0.06219	(15122816)	407029.21	3747671.26	0.06776	(15122816)
407032.55	3747679.35	0.07029	(15122816)	407035.90	3747687.44	0.06928	(15122816)
407039.24	3747695.53	0.06479	(15122816)	406962.58	3747623.52	0.04385	(12122016)
406953.47	3747623.52	0.04354	(12122016)	406944.36	3747623.52	0.04191	(12122016)
406935.25	3747623.52	0.04039	(16120216)	406926.15	3747623.52	0.04336	(16120216)
406917.04	3747623.52	0.04475	(16120216)	406907.93			

3747623.52 0.04451 (16120216)
406898.82 3747623.52 0.04278 (16120216) 406970.10
3747621.64 0.04206 (12122016)
406977.62 3747624.75 0.04250 (12122016) 406985.13
3747627.87 0.04198 (12122016)
406992.65 3747630.99 0.04374 (13121016) 407000.17
3747634.10 0.04565 (13121016)
407007.69 3747637.22 0.04604 (13121016) 407015.20
3747640.34 0.04498 (13121016)
407025.83 3747650.98 0.05000 (15122816) 407028.94
3747658.50 0.05685 (15122816)
407032.04 3747666.02 0.06221 (15122816) 407035.15
3747673.54 0.06541 (15122816)
407038.26 3747681.06 0.06600 (15122816) 407041.37
3747688.58 0.06383 (15122816)
407044.47 3747696.11 0.05911 (15122816) 406962.58
3747618.52 0.04068 (12122016)
406953.47 3747618.52 0.04019 (12122016) 406944.36
3747618.52 0.03855 (12122016)
406935.25 3747618.52 0.03754 (16120216) 406926.15
3747618.52 0.04028 (16120216)
406917.04 3747618.52 0.04164 (16120216) 406907.93
3747618.52 0.04157 (16120216)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406898.82	3747618.52	0.04017	(16120216)	406970.54	3747616.82	0.03928	(12122016)
406978.50	3747620.12	0.03984	(12122016)	406994.42	3747626.72	0.04081	(13121016)
407002.38	3747630.02	0.04282	(13121016)	407010.34	3747633.32	0.04331	(13121016)
407018.30	3747636.62	0.04233	(13121016)	407029.55	3747647.88	0.04692	(15122816)
407032.84	3747655.85	0.05359	(15122816)	407036.13	3747663.81	0.05874	(15122816)
407039.42	3747671.78	0.06171	(15122816)	407042.71	3747679.74	0.06204	(15122816)
407046.00	3747687.70	0.05961	(15122816)	407049.29	3747695.67	0.05466	(15122816)
406962.58	3747613.52	0.03780	(12122016)	406953.47	3747613.52	0.03718	(12122016)
406944.36	3747613.52	0.03555	(12122016)	406935.25	3747613.52	0.03498	(16120216)
406926.15	3747613.52	0.03751	(16120216)	406917.04	3747613.52	0.03883	(16120216)
406907.93	3747613.52	0.03890	(16120216)	406898.82	3747613.52	0.03777	(16120216)

406970.98 3747612.00 0.03675 (12122016) 406979.38
3747615.49 0.03741 (12122016)
406987.79 3747618.97 0.03710 (12122016) 406996.19
3747622.45 0.03813 (13121016)
407004.59 3747625.94 0.04024 (13121016) 407012.99
3747629.42 0.04081 (13121016)
407021.40 3747632.90 0.03991 (13121016) 407033.27
3747644.79 0.04413 (15122816)
407036.74 3747653.20 0.05061 (15122816) 407040.22
3747661.61 0.05557 (15122816)
407043.69 3747670.01 0.05831 (15122816) 407047.16
3747678.42 0.05841 (15122816)
407050.63 3747686.83 0.05575 (15122816) 407054.11
3747695.23 0.05063 (15122816)
406962.58 3747608.52 0.03519 (12122016) 406953.47
3747608.52 0.03447 (12122016)
406944.36 3747608.52 0.03286 (12122016) 406935.25
3747608.52 0.03267 (16120216)
406926.15 3747608.52 0.03501 (16120216) 406917.04
3747608.52 0.03630 (16120216)
406907.93 3747608.52 0.03647 (16120216) 406898.82
3747608.52 0.03557 (16120216)
406970.44 3747606.78 0.03430 (12122016) 406978.30
3747610.04 0.03510 (12122016)
406986.17 3747613.30 0.03515 (12122016) 406994.03
3747616.56 0.03444 (12122016)
407001.89 3747619.82 0.03685 (13121016) 407009.75
3747623.08 0.03826 (13121016)
407017.61 3747626.34 0.03847 (13121016) 407025.47
3747629.59 0.03753 (13121016)
407036.58 3747640.72 0.04083 (15122816) 407039.83
3747648.59 0.04659 (15122816)
407043.08 3747656.45 0.05128 (15122816) 407046.33
3747664.32 0.05438 (15122816)
407049.58 3747672.18 0.05548 (15122816) 407052.83
3747680.05 0.05441 (15122816)
407056.08 3747687.91 0.05123 (15122816) 407059.33
3747695.78 0.04626 (15122816)
406962.58 3747603.52 0.03281 (12122016) 406953.47
3747603.52 0.03202 (12122016)
406944.36 3747603.52 0.03045 (12122016) 406935.25
3747603.52 0.03059 (16120216)
406926.15 3747603.52 0.03276 (16120216) 406917.04
3747603.52 0.03400 (16120216)
406907.93 3747603.52 0.03425 (16120216) 406898.82
3747603.52 0.03354 (16120216)
406893.82 3747703.52 0.24419 (13112916) 406893.82
3747712.62 0.29166 (13112916)
406893.82 3747721.71 0.31032 (13112916) 406893.82
3747730.81 0.36740 (13121916)
406893.82 3747739.91 0.40383 (13121916) 406893.82
3747749.01 0.35875 (13121916)
406893.82 3747758.10 0.26208 (13121916) 406893.82
3747767.20 0.21115 (15021709)
406888.82 3747703.52 0.22756 (13112916) 406888.82
3747712.62 0.26100 (13112916)
406888.82 3747721.71 0.26807 (13112916) 406888.82
3747730.81 0.32510 (13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406888.82	3747739.91	0.35818	(13121916)	406888.82	3747749.01	0.32513	(13121916)
406888.82	3747758.10	0.24690	(13121916)	406888.82	3747767.20	0.18931	(15021709)
406886.02	3747698.22	0.19570	(13112916)	406893.52	3747690.72	0.16632	(13112916)
406883.82	3747703.52	0.20967	(13112916)	406883.82	3747712.62	0.23183	(13112916)
406883.82	3747721.71	0.23058	(13112916)	406883.82	3747730.81	0.28693	(13121916)
406883.82	3747739.91	0.31681	(13121916)	406883.82	3747749.01	0.29322	(13121916)
406883.82	3747758.10	0.23053	(13121916)	406883.82	3747767.20	0.16801	(15021709)
406881.75	3747696.45	0.17878	(13112916)	406891.75	3747686.45	0.14359	(13112916)
406878.82	3747703.52	0.19162	(13112916)	406878.82	3747712.62	0.20505	(13112916)
406878.82	3747721.71	0.19819	(13112916)	406878.82	3747730.81	0.25369	(13121916)
406878.82	3747739.91	0.28058	(13121916)	406878.82	3747749.01	0.26414	(13121916)
406878.82	3747758.10	0.21414	(13121916)	406878.82	3747767.20	0.15131	(13121916)
406876.26	3747697.63	0.16914	(13112916)	406878.70	3747691.73	0.15650	(13112916)
406887.03	3747683.40	0.13033	(13112916)	406892.93	3747680.96	0.11666	(13112916)
406873.82	3747703.52	0.17413	(13112916)	406873.82	3747712.62	0.18100	(13112916)
406873.82	3747721.71	0.17392	(13121916)	406873.82	3747730.81	0.22515	(13121916)
406873.82	3747739.91	0.24930	(13121916)	406873.82	3747749.01	0.23818	(13121916)
406873.82	3747758.10	0.19837	(13121916)	406873.82	3747767.20	0.14552	(13121916)
406871.75	3747696.45	0.15516	(13112916)	406874.68	3747689.38	0.14308	(13112916)
406884.68	3747679.38	0.11479	(13112916)	406891.75	3747676.45	0.09897	(13112916)
406868.82	3747703.52	0.15765	(13112916)	406868.82	3747712.62	0.15968	(13112916)
406868.82	3747721.71	0.15703	(13121916)	406868.82	3747730.81	0.20076	(13121916)
406868.82	3747739.91	0.22243	(13121916)	406868.82	3747749.01	0.21524	(13121916)
406868.82	3747758.10	0.18355	(13121916)	406868.82	3747767.20	0.13917	(13121916)
406867.24	3747695.27	0.14251	(13112916)	406870.65	3747687.02	0.13124	(13112916)
406882.32	3747675.35	0.10145	(13112916)	406890.57	3747671.94	0.08404	(13112916)
406863.82	3747703.52	0.14239	(13112916)	406863.82			

3747712.62 0.14095 (13112916)
406863.82 3747721.71 0.14233 (13121916) 406863.82
3747730.81 0.17991 (13121916)
406863.82 3747739.91 0.19937 (13121916) 406863.82
3747749.01 0.19505 (13121916)
406863.82 3747758.10 0.16980 (13121916) 406863.82
3747767.20 0.13255 (13121916)
406861.75 3747696.45 0.13170 (13112916) 406864.68
3747689.38 0.12739 (13112916)
406867.61 3747682.31 0.11660 (13112916) 406877.61
3747672.31 0.09363 (13112916)
406884.68 3747669.38 0.08149 (13112916) 406891.75
3747666.45 0.07024 (14121615)
406858.82 3747703.52 0.12845 (13112916) 406858.82
3747712.62 0.12458 (13112916)
406858.82 3747721.71 0.12952 (13121916) 406858.82
3747730.81 0.16202 (13121916)
406858.82 3747739.91 0.17953 (13121916) 406858.82
3747749.01 0.17731 (13121916)
406858.82 3747758.10 0.15716 (13121916) 406858.82
3747767.20 0.12588 (13121916)
406857.12 3747695.57 0.12092 (13112916) 406860.41
3747687.61 0.11776 (13112916)
406863.71 3747679.66 0.10743 (13112916) 406874.96
3747668.41 0.08399 (13112916)
406882.91 3747665.11 0.07122 (13112916) 406890.87
3747661.82 0.06362 (16120216)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406853.82	3747703.52	0.11581	(13112916)	406853.82	3747712.62	0.11030	(13112916)
406853.82	3747721.71	0.11832	(13121916)	406853.82	3747730.81	0.14661	(13121916)
406853.82	3747739.91	0.16240	(13121916)	406853.82	3747749.01	0.16170	(13121916)
406853.82	3747758.10	0.14562	(13121916)	406853.82	3747767.20	0.11932	(13121916)
406851.75	3747696.45	0.11051	(13112916)	406854.68	3747689.38	0.11098	(13112916)
406857.61	3747682.31	0.10603	(13112916)	406860.54	3747675.24	0.09659	(13112916)
406870.54	3747665.24	0.07773	(13112916)	406877.61	3747662.31	0.06818	(13112916)
406884.68	3747659.38	0.05944	(14121615)	406891.75	3747656.45	0.06053	(16120216)
406848.82	3747703.52	0.10443	(13112916)	406848.82	3747712.62	0.09787	(13112916)

406848.82 3747721.71 0.10850 (13121916) 406848.82
3747730.81 0.13326 (13121916)
406848.82 3747739.91 0.14754 (13121916) 406848.82
3747749.01 0.14795 (13121916)
406848.82 3747758.10 0.13511 (13121916) 406848.82
3747767.20 0.11296 (13121916)
406847.04 3747695.74 0.10144 (13112916) 406850.26
3747687.96 0.10286 (13112916)
406853.49 3747680.19 0.09855 (13112916) 406856.71
3747672.41 0.08941 (13112916)
406867.71 3747661.41 0.07049 (13112916) 406875.49
3747658.19 0.06072 (13112916)
406883.26 3747654.96 0.05346 (14121615) 406891.04
3747651.74 0.05646 (16120216)
406843.82 3747703.52 0.09422 (13112916) 406843.82
3747712.62 0.08704 (13112916)
406843.82 3747721.71 0.09984 (13121916) 406843.82
3747730.81 0.12165 (13121916)
406843.82 3747739.91 0.13460 (13121916) 406843.82
3747749.01 0.13580 (13121916)
406843.82 3747758.10 0.12555 (13121916) 406843.82
3747767.20 0.10686 (13121916)
406841.75 3747696.45 0.09229 (13112916) 406844.68
3747689.38 0.09548 (13112916)
406847.61 3747682.31 0.09440 (13112916) 406850.54
3747675.24 0.08938 (13112916)
406853.46 3747668.16 0.08116 (13112916) 406863.46
3747658.16 0.06550 (13112916)
406870.54 3747655.24 0.05784 (13112916) 406877.61
3747652.31 0.05091 (14121615)
406884.68 3747649.38 0.04941 (16120216) 406891.75
3747646.45 0.05346 (16120216)
406838.82 3747703.52 0.08509 (13112916) 406838.82
3747712.62 0.07761 (13112916)
406838.82 3747721.71 0.09217 (13121916) 406838.82
3747730.81 0.11150 (13121916)
406838.82 3747739.91 0.12327 (13121916) 406838.82
3747749.01 0.12504 (13121916)
406838.82 3747758.10 0.11686 (13121916) 406838.82
3747767.20 0.10107 (13121916)
406836.99 3747695.86 0.08476 (13112916) 406840.17
3747688.20 0.08862 (13112916)
406843.34 3747680.54 0.08809 (13112916) 406846.51
3747672.88 0.08344 (13112916)
406849.69 3747665.22 0.07550 (13112916) 406860.52
3747654.39 0.05994 (13112916)
406868.18 3747651.21 0.05220 (13112916) 406875.84
3747648.04 0.04638 (14121615)
406883.50 3747644.87 0.04625 (16120216) 406891.16
3747641.69 0.05004 (16120216)
406833.82 3747703.52 0.07692 (13112916) 406833.82
3747712.62 0.06936 (13112916)
406833.82 3747721.71 0.08536 (13121916) 406833.82
3747730.81 0.10257 (13121916)
406833.82 3747739.91 0.11331 (13121916) 406833.82
3747749.01 0.11547 (13121916)
406833.82 3747758.10 0.10897 (13121916) 406833.82
3747767.20 0.09560 (13121916)
406832.24 3747695.27 0.07798 (13112916) 406835.65
3747687.02 0.08240 (13112916)
406839.07 3747678.77 0.08237 (13112916) 406842.49
3747670.52 0.07810 (13112916)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406845.91	3747662.27	0.07040	(13112916)	406857.57	3747650.61	0.05501	(13112916)
406865.82	3747647.19	0.04726	(13112916)	406874.07	3747643.77	0.04236	(14121615)
406882.32	3747640.35	0.04337	(16120216)	406890.57	3747636.94	0.04693	(16120216)
406828.82	3747703.52	0.06963	(13112916)	406828.82	3747712.62	0.06216	(13112916)
406828.82	3747721.71	0.07929	(13121916)	406828.82	3747730.81	0.09469	(13121916)
406828.82	3747739.91	0.10451	(13121916)	406828.82	3747749.01	0.10694	(13121916)
406828.82	3747758.10	0.10180	(13121916)	406828.82	3747767.20	0.09045	(13121916)
406826.96	3747695.94	0.07082	(13112916)	406830.10	3747688.37	0.07581	(13112916)
406833.23	3747680.79	0.07756	(13112916)	406836.37	3747673.22	0.07600	(13112916)
406839.51	3747665.64	0.07144	(13112916)	406842.65	3747658.06	0.06454	(13112916)
406853.36	3747647.35	0.05155	(13112916)	406860.94	3747644.21	0.04529	(13112916)
406868.52	3747641.07	0.04051	(14121615)	406876.09	3747637.93	0.03818	(16120216)
406883.67	3747634.80	0.04188	(16120216)	406891.24	3747631.66	0.04442	(16120216)
406823.82	3747703.52	0.06313	(13112916)	406823.82	3747712.62	0.05763	(13121916)
406823.82	3747721.71	0.07385	(13121916)	406823.82	3747730.81	0.08770	(13121916)
406823.82	3747739.91	0.09671	(13121916)	406823.82	3747749.01	0.09931	(13121916)
406823.82	3747758.10	0.09526	(13121916)	406823.82	3747767.20	0.08563	(13121916)
406822.17	3747695.44	0.06523	(13112916)	406825.51	3747687.36	0.07055	(13112916)
406828.86	3747679.28	0.07268	(13112916)	406832.21	3747671.20	0.07144	(13112916)
406835.56	3747663.11	0.06713	(13112916)	406838.90	3747655.03	0.06043	(13112916)
406850.33	3747643.60	0.04763	(13112916)	406858.41	3747640.26	0.04142	(13112916)
406874.58	3747633.56	0.03591	(16120216)	406882.66	3747630.21	0.03943	(16120216)
406890.74	3747626.87	0.04178	(16120216)	406818.82	3747703.52	0.05731	(13112916)
406818.82	3747712.62	0.05434	(13121916)	406818.82	3747721.71	0.06896	(13121916)
406818.82	3747730.81	0.08146	(13121916)	406818.82			

3747739.91 0.08975 (13121916)
406818.82 3747749.01 0.09246 (13121916) 406818.82
3747758.10 0.08931 (13121916)
406818.82 3747767.20 0.08111 (13121916) 406816.93
3747696.01 0.05928 (13112916)
406820.04 3747688.49 0.06465 (13112916) 406823.16
3747680.98 0.06771 (13112916)
406826.27 3747673.47 0.06817 (13112916) 406829.38
3747665.95 0.06608 (13112916)
406832.49 3747658.44 0.06177 (13112916) 406835.60
3747650.93 0.05577 (13112916)
406846.23 3747640.30 0.04479 (13112916) 406853.74
3747637.19 0.03962 (13112916)
406861.25 3747634.08 0.03565 (14121615) 406868.77
3747630.97 0.03273 (14121615)
406876.28 3747627.86 0.03521 (16120216) 406883.79
3747624.74 0.03785 (16120216)
406891.31 3747621.63 0.03954 (16120216) 406813.82
3747703.52 0.05212 (13112916)
406813.82 3747712.62 0.05132 (13121916) 406813.82
3747721.71 0.06455 (13121916)
406813.82 3747730.81 0.07589 (13121916) 406813.82
3747739.91 0.08353 (13121916)
406813.82 3747749.01 0.08629 (13121916) 406813.82
3747758.10 0.08387 (13121916)
406813.82 3747767.20 0.07689 (13121916) 406812.12
3747695.57 0.05469 (13112916)
406815.41 3747687.61 0.06024 (13112916) 406818.71
3747679.66 0.06353 (13112916)
406822.00 3747671.70 0.06423 (13112916) 406825.30
3747663.75 0.06237 (13112916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406828.59	3747655.79	0.05825	(13112916)	406831.89	3747647.84	0.05242	(13112916)
406843.14	3747636.59	0.04163	(13112916)	406851.09	3747633.29	0.03652	(13112916)
406859.05	3747630.00	0.03310	(14121615)	406867.00	3747626.70	0.03016	(14121615)
406882.91	3747620.11	0.03575	(16120216)	406890.87	3747616.82	0.03729	(16120216)
406808.82	3747703.52	0.04747	(13112916)	406808.82	3747712.62	0.04854	(13121916)
406808.82	3747721.71	0.06055	(13121916)	406808.82	3747730.81	0.07087	(13121916)
406808.82	3747739.91	0.07794	(13121916)	406808.82	3747749.01	0.08071	(13121916)

406808.82 3747758.10 0.07889 (13121916) 406808.82
3747767.20 0.07294 (13121916)
406807.30 3747695.12 0.05054 (13112916) 406810.78
3747686.73 0.05622 (13112916)
406814.25 3747678.33 0.05970 (13112916) 406817.73
3747669.93 0.06062 (13112916)
406821.21 3747661.54 0.05896 (13112916) 406824.69
3747653.14 0.05502 (13112916)
406828.17 3747644.74 0.04936 (13112916) 406840.04
3747632.87 0.03877 (13112916)
406848.44 3747629.39 0.03373 (13112916) 406856.84
3747625.91 0.03079 (14121615)
406865.23 3747622.43 0.02826 (16120216) 406873.63
3747618.95 0.03144 (16120216)
406882.03 3747615.48 0.03382 (16120216) 406890.42
3747612.00 0.03522 (16120216)
406803.82 3747703.52 0.04330 (13112916) 406803.82
3747712.62 0.04598 (13121916)
406803.82 3747721.71 0.05692 (13121916) 406803.82
3747730.81 0.06635 (13121916)
406803.82 3747739.91 0.07290 (13121916) 406803.82
3747749.01 0.07566 (13121916)
406803.82 3747758.10 0.07432 (13121916) 406803.82
3747767.20 0.06926 (13121916)
406802.07 3747695.66 0.04602 (13112916) 406805.33
3747687.81 0.05142 (13112916)
406808.58 3747679.95 0.05524 (13112916) 406811.84
3747672.09 0.05714 (13112916)
406815.09 3747664.24 0.05696 (13112916) 406818.35
3747656.38 0.05481 (13112916)
406821.60 3747648.52 0.05097 (13112916) 406824.85
3747640.67 0.04588 (13112916)
406835.97 3747629.55 0.03667 (13112916) 406843.82
3747626.30 0.03240 (13112916)
406851.68 3747623.05 0.02950 (14121615) 406859.54
3747619.79 0.02716 (14121615)
406867.39 3747616.54 0.02817 (16120216) 406875.25
3747613.28 0.03064 (16120216)
406883.11 3747610.03 0.03241 (16120216) 406890.96
3747606.77 0.03339 (16120216)
406798.82 3747703.52 0.03956 (13112916) 406798.82
3747712.62 0.04361 (13121916)
406798.82 3747721.71 0.05362 (13121916) 406798.82
3747730.81 0.06225 (13121916)
406798.82 3747739.91 0.06834 (13121916) 406798.82
3747749.01 0.07106 (13121916)
406798.82 3747758.10 0.07013 (13121916) 406798.82
3747767.20 0.06581 (13121916)
406898.82 3747772.20 0.20726 (15021709) 406907.92
3747772.20 0.23587 (14021809)
406917.01 3747772.20 0.32958 (14120316) 406926.11
3747772.20 0.44899 (14120316)
406935.21 3747772.20 0.50492 (14120316) 406944.31
3747772.20 0.48000 (14120316)
406953.40 3747772.20 0.39525 (14120316) 406962.50
3747772.20 0.28824 (14120316)
406898.82 3747777.20 0.18219 (15021709) 406907.92
3747777.20 0.21235 (14021809)
406917.01 3747777.20 0.28812 (14120316) 406926.11
3747777.20 0.38672 (14120316)
406935.21 3747777.20 0.43685 (14120316) 406944.31
3747777.20 0.42382 (14120316)
406953.40 3747777.20 0.36056 (14120316) 406962.50
3747777.20 0.27413 (14120316)
406893.52 3747780.00 0.16173 (15021709) 406886.02
3747772.50 0.16656 (15021709)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406898.82	3747782.20	0.16041	(14021809)	406907.92	3747782.20	0.19050	(14021809)
406917.01	3747782.20	0.25184	(14120316)	406926.11	3747782.20	0.33396	(14120316)
406935.21	3747782.20	0.37889	(14120316)	406944.31	3747782.20	0.37422	(14120316)
406953.40	3747782.20	0.32759	(14120316)	406962.50	3747782.20	0.25835	(14120316)
406891.75	3747784.27	0.14372	(15021709)	406881.75	3747774.27	0.14957	(15021709)
406898.82	3747787.20	0.14806	(14021809)	406907.92	3747787.20	0.17071	(14021809)
406917.01	3747787.20	0.22096	(14120316)	406926.11	3747787.20	0.28994	(14120316)
406935.21	3747787.20	0.33015	(14120316)	406944.31	3747787.20	0.33116	(14120316)
406953.40	3747787.20	0.29718	(14120316)	406962.50	3747787.20	0.24199	(14120316)
406892.93	3747789.76	0.12578	(14021809)	406887.03	3747787.32	0.12895	(15021709)
406878.70	3747778.99	0.13336	(15021709)	406876.26	3747773.09	0.13452	(15021709)
406898.82	3747792.20	0.13622	(14021809)	406907.92	3747792.20	0.15301	(14021809)
406917.01	3747792.20	0.19487	(14120316)	406926.11	3747792.20	0.25330	(14120316)
406935.21	3747792.20	0.28928	(14120316)	406944.31	3747792.20	0.29404	(14120316)
406953.40	3747792.20	0.26961	(14120316)	406962.50	3747792.20	0.22577	(14120316)
406891.75	3747794.27	0.11560	(14021809)	406884.68	3747791.34	0.11597	(15021709)
406874.68	3747781.34	0.12080	(15021709)	406871.75	3747774.27	0.12062	(15021709)
406898.82	3747797.20	0.12508	(14021809)	406907.92	3747797.20	0.13733	(14021809)
406917.01	3747797.20	0.17282	(14120316)	406926.11	3747797.20	0.22273	(14120316)
406935.21	3747797.20	0.25494	(14120316)	406944.31	3747797.20	0.26209	(14120316)
406953.40	3747797.20	0.24485	(14120316)	406962.50	3747797.20	0.21012	(14120316)
406890.57	3747798.78	0.10648	(14021809)	406882.32	3747795.37	0.10466	(15021709)
406870.65	3747783.70	0.10980	(15021709)	406867.24			

3747775.45		0.10832	(15021709)		
406898.82	3747802.20	0.11476	(14021809)	406907.92	
3747802.20		0.12348	(14021809)		
406917.01	3747802.20	0.15411	(14120316)	406926.11	
3747802.20		0.19708	(14120316)		
406935.21	3747802.20	0.22596	(14120316)	406944.31	
3747802.20		0.23456	(14120316)		
406953.40	3747802.20	0.22272	(14120316)	406962.50	
3747802.20		0.19529	(14120316)		
406891.75	3747804.27	0.10087	(14021809)	406884.68	
3747801.34		0.09196	(15021709)		
406877.61	3747798.41	0.09547	(15021709)	406867.61	
3747788.41		0.09950	(15021709)		
406864.68	3747781.34	0.09998	(15021709)	406861.75	
3747774.27		0.10093	(13121916)		
406898.82	3747807.20	0.10527	(14021809)	406907.92	
3747807.20		0.11127	(14021809)		
406917.01	3747807.20	0.13816	(14120316)	406926.11	
3747807.20		0.17542	(14120316)		
406935.21	3747807.20	0.20137	(14120316)	406944.31	
3747807.20		0.21078	(14120316)		
406953.40	3747807.20	0.20300	(14120316)	406962.50	
3747807.20		0.18141	(14120316)		
406890.87	3747808.90	0.09330	(14021809)	406882.91	
3747805.61		0.08471	(14021809)		
406874.96	3747802.31	0.08705	(15021709)	406863.71	
3747791.06		0.09120	(15021709)		
406860.41	3747783.11	0.09103	(15021709)	406857.12	
3747775.15		0.09513	(13121916)		
406898.82	3747812.20	0.09661	(14021809)	406907.92	
3747812.20		0.10051	(14021809)		
406917.01	3747812.20	0.12448	(14120316)	406926.11	
3747812.20		0.15701	(14120316)		
406935.21	3747812.20	0.18038	(14120316)	406944.31	
3747812.20		0.19017	(14120316)		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406953.40	3747812.20	0.18544	(14120316)	406962.50			
3747812.20		0.16852	(14120316)				
406891.75	3747814.27	0.08740	(14021809)	406884.68			
3747811.34		0.08225	(14021809)				
406877.61	3747808.41	0.07737	(15021709)	406870.54			
3747805.48		0.07997	(15021709)				
406860.54	3747795.48	0.08336	(15021709)	406857.61			
3747788.41		0.08413	(15021709)				
406854.68	3747781.34	0.08115	(15021709)	406851.75			
3747774.27		0.09480	(13121916)				

406898.82 3747817.20 0.08873 (14021809) 406907.92
3747817.20 0.09102 (14021809)
406917.01 3747817.20 0.11266 (14120316) 406926.11
3747817.20 0.14125 (14120316)
406935.21 3747817.20 0.16236 (14120316) 406944.31
3747817.20 0.17223 (14120316)
406953.40 3747817.20 0.16979 (14120316) 406962.50
3747817.20 0.15661 (14120316)
406891.04 3747818.98 0.08105 (14021809) 406883.26
3747815.76 0.07645 (14021809)
406875.49 3747812.53 0.07053 (15021709) 406867.71
3747809.31 0.07352 (15021709)
406856.71 3747798.31 0.07694 (15021709) 406853.49
3747790.53 0.07736 (15021709)
406850.26 3747782.76 0.07381 (15021709) 406847.04
3747774.98 0.08963 (13121916)
406898.82 3747822.20 0.08157 (14021809) 406907.92
3747822.20 0.08263 (14021809)
406917.01 3747822.20 0.10241 (14120316) 406926.11
3747822.20 0.12767 (14120316)
406935.21 3747822.20 0.14679 (14120316) 406944.31
3747822.20 0.15655 (14120316)
406953.40 3747822.20 0.15583 (14120316) 406962.50
3747822.20 0.14565 (14120316)
406891.75 3747824.27 0.07557 (14021809) 406884.68
3747821.34 0.07304 (14021809)
406877.61 3747818.41 0.06781 (14021809) 406870.54
3747815.48 0.06600 (15021709)
406863.46 3747812.56 0.06797 (15021709) 406853.46
3747802.56 0.07085 (15021709)
406850.54 3747795.48 0.07175 (15021709) 406847.61
3747788.41 0.06983 (15021709)
406844.68 3747781.34 0.07172 (13121916) 406841.75
3747774.27 0.08789 (13121916)
406898.82 3747827.20 0.07508 (14021809) 406907.92
3747827.20 0.07521 (14021809)
406917.01 3747827.20 0.09345 (14120316) 406926.11
3747827.20 0.11591 (14120316)
406935.21 3747827.20 0.13327 (14120316) 406944.31
3747827.20 0.14279 (14120316)
406953.40 3747827.20 0.14335 (14120316) 406962.50
3747827.20 0.13559 (14120316)
406891.16 3747829.03 0.07024 (14021809) 406883.50
3747825.85 0.06819 (14021809)
406875.84 3747822.68 0.06328 (14021809) 406868.18
3747819.51 0.06071 (15021709)
406860.52 3747816.33 0.06293 (15021709) 406849.69
3747805.50 0.06581 (15021709)
406846.51 3747797.84 0.06647 (15021709) 406843.34
3747790.18 0.06424 (15021709)
406840.17 3747782.52 0.06765 (13121916) 406836.99
3747774.86 0.08327 (13121916)
406898.82 3747832.20 0.06920 (14021809) 406907.92
3747832.20 0.06862 (14021809)
406917.01 3747832.20 0.08558 (14120316) 406926.11
3747832.20 0.10564 (14120316)
406935.21 3747832.20 0.12146 (14120316) 406944.31
3747832.20 0.13066 (14120316)
406953.40 3747832.20 0.13218 (14120316) 406962.50
3747832.20 0.12636 (14120316)
406890.57 3747833.78 0.06542 (14021809) 406882.32
3747830.37 0.06377 (14021809)
406874.07 3747826.95 0.05919 (14021809) 406865.82
3747823.53 0.05601 (15021709)
406857.57 3747820.11 0.05841 (15021709) 406845.91
3747808.45 0.06129 (15021709)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406898.82	3747837.20	0.06387	(14021809)	406907.92	3747837.20	0.06276	(14021809)
406917.01	3747837.20	0.07864	(14120316)	406926.11	3747837.20	0.09665	(14120316)
406935.21	3747837.20	0.11109	(14120316)	406944.31	3747837.20	0.11994	(14120316)
406953.40	3747837.20	0.12215	(14120316)	406962.50	3747837.20	0.11790	(14120316)
406891.24	3747839.06	0.06092	(14021809)	406883.67	3747835.92	0.06045	(14021809)
406876.09	3747832.79	0.05765	(14021809)	406868.52	3747829.65	0.05287	(14021809)
406860.94	3747826.51	0.05279	(15021709)	406853.36	3747823.37	0.05449	(15021709)
406842.65	3747812.66	0.05695	(15021709)	406839.51	3747805.08	0.05771	(15021709)
406836.37	3747797.50	0.05628	(15021709)	406833.23	3747789.93	0.05265	(15021709)
406830.10	3747782.35	0.06486	(13121916)	406826.96	3747774.78	0.07676	(13121916)
406898.82	3747842.20	0.05903	(14021809)	406907.92	3747842.20	0.05753	(14021809)
406917.01	3747842.20	0.07249	(14120316)	406926.11	3747842.20	0.08872	(14120316)
406935.21	3747842.20	0.10195	(14120316)	406944.31	3747842.20	0.11041	(14120316)
406953.40	3747842.20	0.11314	(14120316)	406962.50	3747842.20	0.11014	(14120316)
406890.74	3747843.85	0.05685	(14021809)	406882.66	3747840.51	0.05669	(14021809)
406874.58	3747837.16	0.05417	(14021809)	406858.41	3747830.46	0.04904	(15021709)
406850.33	3747827.12	0.05085	(15021709)	406838.90	3747815.69	0.05329	(15021709)
406835.56	3747807.61	0.05392	(15021709)	406832.21	3747799.52	0.05232	(15021709)
406828.86	3747791.44	0.04854	(13121916)	406825.51	3747783.36	0.06153	(13121916)
406822.17	3747775.28	0.07293	(13121916)	406898.82	3747847.20	0.05463	(14021809)
406907.92	3747847.20	0.05285	(14021809)	406917.01			

3747847.20	0.06701	(14120316)			
406926.11	3747847.20	0.08170	(14120316)	406935.21	
3747847.20	0.09385	(14120316)			
406944.31	3747847.20	0.10191	(14120316)	406953.40	
3747847.20	0.10500	(14120316)			
406962.50	3747847.20	0.10303	(14120316)	406891.31	
3747849.09	0.05294	(14021809)			
406883.79	3747845.98	0.05345	(14021809)	406876.28	
3747842.86	0.05211	(14021809)			
406868.77	3747839.75	0.04904	(14021809)	406861.25	
3747836.64	0.04456	(14021809)			
406853.74	3747833.53	0.04631	(15021709)	406846.23	
3747830.42	0.04766	(15021709)			
406835.60	3747819.79	0.04977	(15021709)	406832.49	
3747812.28	0.05056	(15021709)			
406829.38	3747804.77	0.04966	(15021709)	406826.27	
3747797.25	0.04702	(15021709)			
406823.16	3747789.74	0.05066	(13121916)	406820.04	
3747782.23	0.06140	(13121916)			
406816.93	3747774.71	0.07050	(13121916)	406898.82	
3747852.20	0.05062	(14021809)			
406907.92	3747852.20	0.04866	(14021809)	406917.01	
3747852.20	0.06211	(14120316)			
406926.11	3747852.20	0.07545	(14120316)	406935.21	
3747852.20	0.08664	(14120316)			
406944.31	3747852.20	0.09431	(14120316)	406953.40	
3747852.20	0.09765	(14120316)			
406962.50	3747852.20	0.09649	(14120316)	406890.87	
3747853.90	0.04950	(14021809)			
406882.91	3747850.61	0.05024	(14021809)	406874.96	
3747847.31	0.04911	(14021809)			
406867.00	3747844.02	0.04623	(14021809)	406859.05	
3747840.72	0.04193	(14021809)			
406851.09	3747837.43	0.04326	(15021709)	406843.14	
3747834.13	0.04468	(15021709)			
406831.89	3747822.88	0.04678	(15021709)	406828.59	
3747814.93	0.04747	(15021709)			
406825.30	3747806.97	0.04645	(15021709)	406822.00	
3747799.02	0.04370	(15021709)			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406818.71	3747791.06	0.04806	(13121916)	406815.41			
3747783.11	0.05844	(13121916)					
406812.12	3747775.15	0.06710	(13121916)	406898.82			
3747857.20	0.04698	(14021809)					
406907.92	3747857.20	0.04510	(14120316)	406917.01			
3747857.20	0.05771	(14120316)					

406926.11 3747857.20 0.06987 (14120316) 406935.21
3747857.20 0.08019 (14120316)
406944.31 3747857.20 0.08748 (14120316) 406953.40
3747857.20 0.09098 (14120316)
406962.50 3747857.20 0.09048 (14120316) 406890.42
3747858.72 0.04635 (14021809)
406882.03 3747855.24 0.04729 (14021809) 406873.63
3747851.77 0.04635 (14021809)
406865.23 3747848.29 0.04365 (14021809) 406856.84
3747844.81 0.03951 (14021809)
406848.44 3747841.33 0.04049 (15021709) 406840.04
3747837.85 0.04197 (15021709)
406828.17 3747825.98 0.04404 (15021709) 406824.69
3747817.58 0.04464 (15021709)
406821.21 3747809.18 0.04352 (15021709) 406817.73
3747800.79 0.04069 (15021709)
406814.25 3747792.39 0.04564 (13121916) 406810.78
3747783.99 0.05568 (13121916)
406807.30 3747775.60 0.06390 (13121916) 406898.82
3747862.20 0.04366 (14021809)
406907.92 3747862.20 0.04225 (14120316) 406917.01
3747862.20 0.05374 (14120316)
406926.11 3747862.20 0.06487 (14120316) 406935.21
3747862.20 0.07441 (14120316)
406944.31 3747862.20 0.08132 (14120316) 406953.40
3747862.20 0.08491 (14120316)
406962.50 3747862.20 0.08494 (14120316) 406890.96
3747863.95 0.04322 (14021809)
406883.11 3747860.69 0.04449 (14021809) 406875.25
3747857.44 0.04428 (14021809)
406867.39 3747854.18 0.04262 (14021809) 406859.54
3747850.93 0.03967 (14021809)
406851.68 3747847.67 0.03611 (15021709) 406843.82
3747844.42 0.03844 (15021709)
406835.97 3747841.17 0.03957 (15021709) 406824.85
3747830.05 0.04139 (15021709)
406821.60 3747822.20 0.04209 (15021709) 406818.35
3747814.34 0.04145 (15021709)
406815.09 3747806.48 0.03944 (15021709) 406811.84
3747798.63 0.03770 (13121916)
406808.58 3747790.77 0.04676 (13121916) 406805.33
3747782.91 0.05504 (13121916)
406802.07 3747775.06 0.06162 (13121916) 406898.82
3747867.20 0.04063 (14021809)
406907.92 3747867.20 0.03965 (14120316) 406917.01
3747867.20 0.05015 (14120316)
406926.11 3747867.20 0.06036 (14120316) 406935.21
3747867.20 0.06920 (14120316)
406944.31 3747867.20 0.07576 (14120316) 406953.40
3747867.20 0.07939 (14120316)
406962.50 3747867.20 0.07984 (14120316) 406898.82
3747767.20 0.23228 (15021709)
406962.50 3747767.20 0.29901 (14120316) 406962.58
3747703.52 0.23789 (15122816)
406898.82 3747703.52 0.25786
(13112916)

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS
***

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01865 AT (406935.21, 3747772.20, 29.00, 29.00, 0.00) DC
	2ND HIGHEST VALUE IS	0.01778 AT (406944.31, 3747772.20, 29.00, 29.00, 0.00) DC
	3RD HIGHEST VALUE IS	0.01737 AT (406926.11, 3747772.20, 29.00, 29.00, 0.00) DC
	4TH HIGHEST VALUE IS	0.01610 AT (406967.52, 3747749.01, 29.00, 29.00, 0.00) DC
	5TH HIGHEST VALUE IS	0.01602 AT (406967.53, 3747739.91, 29.00, 29.00, 0.00) DC
	6TH HIGHEST VALUE IS	0.01549 AT (406953.40, 3747772.20, 29.00, 29.00, 0.00) DC
	7TH HIGHEST VALUE IS	0.01520 AT (406935.21, 3747777.20, 29.00, 29.00, 0.00) DC
	8TH HIGHEST VALUE IS	0.01478 AT (406944.31, 3747777.20, 29.00, 29.00, 0.00) DC
	9TH HIGHEST VALUE IS	0.01460 AT (406967.51, 3747758.11, 29.00, 29.00, 0.00) DC
	10TH HIGHEST VALUE IS	0.01436 AT (406962.50, 3747767.20, 29.00, 29.00, 0.00) DC

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

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.50492 ON 14120316:	AT (406935.21, 3747772.20, 29.00, 29.00, 0.00) DC

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

 *** MODELOPTs: NonDFAULT CONC FLAT 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   2285 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   1588 Calm Hours Identified

 A Total of   697 Missing Hours Identified (1.59 Percent)

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

    ********   WARNING MESSAGES   ********
 ME W186   1352   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
 ME W187   1352   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
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** Lakes Environmental AERMOD MPI
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 2ac\14635 Cons
2ac.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT CONC FLAT
   AVERTIME 1 PERIOD
   URBANOPT 3010232 Orange_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 Cons 2ac.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     406930.700  3747735.370          0.0
** Source Parameters **
   SRCPARAM VOL1         0.0004839882     5.000    20.922     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
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**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** ----------
   DISCCART    406980.65   3747780.36
   DISCCART    406980.64   3747770.37
   DISCCART    406980.63   3747760.37
   DISCCART    406980.62   3747750.37
   DISCCART    406980.61   3747740.38
   DISCCART    406980.60   3747730.38
   DISCCART    406980.59   3747720.38
   DISCCART    406980.58   3747710.39
   DISCCART    406980.57   3747700.39
   DISCCART    406980.56   3747690.39
   DISCCART    406985.65   3747780.36
   DISCCART    406985.64   3747770.36
   DISCCART    406985.63   3747760.37
   DISCCART    406985.62   3747750.37
   DISCCART    406985.61   3747740.37
   DISCCART    406985.60   3747730.38
   DISCCART    406985.59   3747720.38
   DISCCART    406985.58   3747710.38
   DISCCART    406985.57   3747700.39
   DISCCART    406985.56   3747690.39
   DISCCART    406988.46   3747785.66
   DISCCART    406980.96   3747793.17
   DISCCART    406990.65   3747780.35
   DISCCART    406990.64   3747770.36
   DISCCART    406990.63   3747760.36
   DISCCART    406990.62   3747750.36
   DISCCART    406990.61   3747740.37
   DISCCART    406990.60   3747730.37
   DISCCART    406990.59   3747720.37
   DISCCART    406990.58   3747710.38
   DISCCART    406990.57   3747700.38
   DISCCART    406990.56   3747690.38
   DISCCART    406992.72   3747787.43
   DISCCART    406982.72   3747797.44
   DISCCART    406995.65   3747780.35
   DISCCART    406995.64   3747770.35
   DISCCART    406995.63   3747760.36
   DISCCART    406995.62   3747750.36
   DISCCART    406995.61   3747740.36
   DISCCART    406995.60   3747730.37
   DISCCART    406995.59   3747720.37
   DISCCART    406995.58   3747710.37
   DISCCART    406995.57   3747700.38
   DISCCART    406995.56   3747690.38
   DISCCART    406996.99   3747789.19
   DISCCART    406984.49   3747801.70
   DISCCART    407000.65   3747780.34
   DISCCART    407000.64   3747770.35
   DISCCART    407000.63   3747760.35
   DISCCART    407000.62   3747750.35
   DISCCART    407000.61   3747740.36
   DISCCART    407000.60   3747730.36
   DISCCART    407000.59   3747720.36
   DISCCART    407000.58   3747710.37
   DISCCART    407000.57   3747700.37
   DISCCART    407000.56   3747690.37
   DISCCART    407002.72   3747787.42
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DISCCART	407010.64	3747770.34
DISCCART	407010.63	3747760.34
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DISCCART	407010.56	3747690.36
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DISCCART	407009.80	3747794.49
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DISCCART	406996.87	3747811.57
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DISCCART	407015.58	3747710.35
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DISCCART	407015.56	3747690.36
DISCCART	407017.36	3747788.29
DISCCART	407014.07	3747796.25
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DISCCART	406991.57	3747818.77
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DISCCART	407020.60	3747730.34
DISCCART	407020.59	3747720.34
DISCCART	407020.58	3747710.35
DISCCART	407020.57	3747700.35
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DISCCART	407025.65	3747780.32

DISCCART	407025.64	3747770.32
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DISCCART	407025.62	3747750.33
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DISCCART	407030.58	3747710.34
DISCCART	407030.57	3747700.34
DISCCART	407030.56	3747690.34
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DISCCART	407035.58	3747710.33
DISCCART	407035.57	3747700.34
DISCCART	407035.56	3747690.34
DISCCART	407036.85	3747789.51
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DISCCART	407040.57	3747700.33
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DISCCART	407038.82	3747796.81
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DISCCART	407032.00	3747813.33

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DISCCART	407024.16	3747840.26
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DISCCART	407060.61	3747740.30
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DISCCART	407060.58	3747710.31
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DISCCART	407058.13	3747798.48
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DISCCART	407043.08	3747834.88
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DISCCART	407021.13	3747851.52
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DISCCART	407065.57	3747700.31
DISCCART	407065.56	3747690.31
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DISCCART	407070.58	3747710.30
DISCCART	407070.57	3747700.30
DISCCART	407070.56	3747690.30
DISCCART	407071.99	3747789.12
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DISCCART	407064.68	3747806.81
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DISCCART	407011.02	3747865.71
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DISCCART	407075.58	3747710.29
DISCCART	407075.57	3747700.30
DISCCART	407075.56	3747690.30
DISCCART	406975.56	3747685.40
DISCCART	406965.57	3747685.40
DISCCART	406955.59	3747685.40
DISCCART	406945.60	3747685.40
DISCCART	406935.61	3747685.40
DISCCART	406925.63	3747685.40
DISCCART	406915.64	3747685.40
DISCCART	406905.65	3747685.40
DISCCART	406895.67	3747685.40
DISCCART	406885.68	3747685.40
DISCCART	406975.56	3747680.40
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DISCCART	406955.59	3747680.40
DISCCART	406945.60	3747680.40
DISCCART	406935.61	3747680.40
DISCCART	406925.63	3747680.40
DISCCART	406915.64	3747680.40
DISCCART	406905.65	3747680.40
DISCCART	406895.67	3747680.40
DISCCART	406885.68	3747680.40
DISCCART	406980.86	3747677.59
DISCCART	406988.36	3747685.09
DISCCART	406975.56	3747675.40
DISCCART	406965.57	3747675.40
DISCCART	406955.59	3747675.40
DISCCART	406945.60	3747675.40
DISCCART	406935.61	3747675.40
DISCCART	406925.63	3747675.40
DISCCART	406915.64	3747675.40
DISCCART	406905.65	3747675.40
DISCCART	406895.67	3747675.40
DISCCART	406885.68	3747675.40
DISCCART	406982.63	3747673.33
DISCCART	406992.63	3747683.32
DISCCART	406975.56	3747670.40
DISCCART	406965.57	3747670.40
DISCCART	406955.59	3747670.40
DISCCART	406945.60	3747670.40
DISCCART	406935.61	3747670.40
DISCCART	406925.63	3747670.40
DISCCART	406915.64	3747670.40
DISCCART	406905.65	3747670.40
DISCCART	406895.67	3747670.40
DISCCART	406885.68	3747670.40
DISCCART	406984.39	3747669.06
DISCCART	406996.89	3747681.54
DISCCART	406975.56	3747665.40
DISCCART	406965.57	3747665.40
DISCCART	406955.59	3747665.40
DISCCART	406945.60	3747665.40

DISCCART	406935.61	3747665.40
DISCCART	406925.63	3747665.40
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DISCCART	406905.65	3747665.40
DISCCART	406895.67	3747665.40
DISCCART	406885.68	3747665.40
DISCCART	406982.63	3747663.33
DISCCART	406989.70	3747666.25
DISCCART	406999.70	3747676.24
DISCCART	407002.63	3747683.31
DISCCART	406975.56	3747660.40
DISCCART	406965.57	3747660.40
DISCCART	406955.59	3747660.40
DISCCART	406945.60	3747660.40
DISCCART	406935.61	3747660.40
DISCCART	406925.63	3747660.40
DISCCART	406915.64	3747660.40
DISCCART	406905.65	3747660.40
DISCCART	406895.67	3747660.40
DISCCART	406885.68	3747660.40
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   DISCCART    406935.66   3747880.37
   DISCCART    406945.66   3747880.37
   DISCCART    406955.66   3747880.37
   DISCCART    406965.65   3747880.37
   DISCCART    406975.65   3747880.37
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    406885.68   3747780.37
   DISCCART    406975.65   3747780.37
   DISCCART    406975.56   3747690.40
   DISCCART    406885.68   3747690.40
RE FINISHED
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** AERMOD Meteorology Pathway
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ME STARTING
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   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
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** AERMOD Output Pathway
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OU STARTING
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   RECTABLE 1 1ST
** Auto-Generated Plotfiles
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   PLOTFILE PERIOD ALL "14635 CONS 2AC.AD\PE00GALL.PLT" 32
   SUMMFILE "14635 Cons 2ac.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    1445       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1445       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:28:23

                      PAGE   1
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Assumes Receptors on FLAT Terrain.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM
```

```
 **Model Calculates  1 Short Term Average(s) of:   1-HR
    and Calculates PERIOD Averages

 **This Run Includes:      1 Source(s);       1 Source Group(s); and    1354 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:      1 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:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD 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) =    29.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 Cons
 2ac.err
 **File for Summary of Results:   14635 Cons
 2ac.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:28:23

                      PAGE   2
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
3010232.	VOL1 ,	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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(406989.8, 3747814.5, 29.0, 29.0, 0.0); (406982.7,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(407035.6, 3747690.3, 29.0, 29.0, 0.0); (407036.8,

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

```
    3747789.5,      29.0,      29.0,       0.0);
    ( 407033.0, 3747798.7,      29.0,      29.0,       0.0);         ( 407029.2,
    3747807.9,      29.0,      29.0,       0.0);
    ( 407025.4, 3747817.1,      29.0,      29.0,       0.0);         ( 407012.4,
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    ( 406984.8, 3747841.6,      29.0,      29.0,       0.0);         ( 407040.6,
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    ( 407040.6, 3747710.3,      29.0,      29.0,       0.0);         ( 407040.6,
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    ( 407040.6, 3747690.3,      29.0,      29.0,       0.0);         ( 407042.2,
    3747788.6,      29.0,      29.0,       0.0);
    ( 407038.8, 3747796.8,      29.0,      29.0,       0.0);         ( 407035.4,
    3747805.1,      29.0,      29.0,       0.0);
    ( 407032.0, 3747813.3,      29.0,      29.0,       0.0);         ( 407028.6,
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    ( 407016.9, 3747833.3,      29.0,      29.0,       0.0);         ( 407008.7,
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    ( 407000.4, 3747840.1,      29.0,      29.0,       0.0);         ( 406992.2,
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    ( 407045.6, 3747730.3,      29.0,      29.0,       0.0);         ( 407045.6,
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    ( 407045.6, 3747710.3,      29.0,      29.0,       0.0);         ( 407045.6,
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    ( 407036.0, 3747815.7,      29.0,      29.0,       0.0);         ( 407032.4,
    3747824.5,      29.0,      29.0,       0.0);
    ( 407019.9, 3747837.0,      29.0,      29.0,       0.0);         ( 407011.0,
    3747840.7,      29.0,      29.0,       0.0);
    ( 407002.2, 3747844.4,      29.0,      29.0,       0.0);         ( 406993.3,
    3747848.0,      29.0,      29.0,       0.0);
    ( 406984.5, 3747851.7,      29.0,      29.0,       0.0);         ( 407050.6,
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    ( 407050.6, 3747770.3,      29.0,      29.0,       0.0);         ( 407050.6,
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    ( 407050.6, 3747750.3,      29.0,      29.0,       0.0);         ( 407050.6,
    3747740.3,      29.0,      29.0,       0.0);
    ( 407050.6, 3747730.3,      29.0,      29.0,       0.0);         ( 407050.6,
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(407050.6, 3747710.3, 29.0, 29.0, 0.0); (407050.6,
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(407055.6, 3747750.3, 29.0, 29.0, 0.0); (407055.6,
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(407055.6, 3747730.3, 29.0, 29.0, 0.0); (407055.6,
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(407055.6, 3747710.3, 29.0, 29.0, 0.0); (407055.6,
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(407055.6, 3747690.3, 29.0, 29.0, 0.0); (407057.1,
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(407060.6, 3747730.3, 29.0, 29.0, 0.0); (407060.6,
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(407060.6, 3747710.3, 29.0, 29.0, 0.0); (407060.6,
3747700.3, 29.0, 29.0, 0.0);
(407060.6, 3747690.3, 29.0, 29.0, 0.0); (407061.9,
3747789.4, 29.0, 29.0, 0.0);

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

(407058.1, 3747798.5, 29.0, 29.0, 0.0); (407054.4,
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(406993.8, 3747862.8, 29.0, 29.0, 0.0); (406984.8,
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(407065.6, 3747780.3, 29.0, 29.0, 0.0); (407065.6,
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(407065.6, 3747760.3, 29.0, 29.0, 0.0); (407065.6,
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(407065.6, 3747740.3, 29.0, 29.0, 0.0); (407065.6,
3747730.3, 29.0, 29.0, 0.0);
(407065.6, 3747720.3, 29.0, 29.0, 0.0); (407065.6,
3747710.3, 29.0, 29.0, 0.0);
(407065.6, 3747700.3, 29.0, 29.0, 0.0); (407065.6,
3747690.3, 29.0, 29.0, 0.0);
(407067.2, 3747788.7, 29.0, 29.0, 0.0); (407063.7,
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(407060.2, 3747805.5, 29.0, 29.0, 0.0); (407056.8,
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(407053.3, 3747822.3, 29.0, 29.0, 0.0); (407049.8,
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(407046.3, 3747839.1, 29.0, 29.0, 0.0); (407034.5,
3747851.0, 29.0, 29.0, 0.0);
(407026.1, 3747854.5, 29.0, 29.0, 0.0); (407017.7,
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(407009.2, 3747861.4, 29.0, 29.0, 0.0); (407000.8,
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(406992.5, 3747868.4, 29.0, 29.0, 0.0); (406984.0,
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(407070.6, 3747780.3, 29.0, 29.0, 0.0); (407070.6,
3747770.3, 29.0, 29.0, 0.0);
(407070.6, 3747760.3, 29.0, 29.0, 0.0); (407070.6,
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(407070.6, 3747740.3, 29.0, 29.0, 0.0); (407070.6,
3747730.3, 29.0, 29.0, 0.0);
(407070.6, 3747720.3, 29.0, 29.0, 0.0); (407070.6,
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(407070.6, 3747700.3, 29.0, 29.0, 0.0); (407070.6,
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(407072.0, 3747789.1, 29.0, 29.0, 0.0); (407068.3,
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(407050.0, 3747842.2, 29.0, 29.0, 0.0); (407037.5,
3747854.7, 29.0, 29.0, 0.0);
(407028.7, 3747858.4, 29.0, 29.0, 0.0); (407019.9,
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(407011.0, 3747865.7, 29.0, 29.0, 0.0); (406993.3,
3747873.0, 29.0, 29.0, 0.0);
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(407075.6, 3747770.3, 29.0, 29.0, 0.0); (407075.6,
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(407075.6, 3747710.3, 29.0, 29.0, 0.0); (407075.6,
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3747685.4, 29.0, 29.0, 0.0);
(406945.6, 3747685.4, 29.0, 29.0, 0.0); (406935.6,

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

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    3747685.4,      29.0,      29.0,       0.0);
    ( 406925.6, 3747685.4,      29.0,      29.0,       0.0);         ( 406915.6,
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    ( 406905.6, 3747685.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747685.4,      29.0,      29.0,       0.0);
    ( 406885.7, 3747685.4,      29.0,      29.0,       0.0);         ( 406975.6,
    3747680.4,      29.0,      29.0,       0.0);
    ( 406965.6, 3747680.4,      29.0,      29.0,       0.0);         ( 406955.6,
    3747680.4,      29.0,      29.0,       0.0);
    ( 406945.6, 3747680.4,      29.0,      29.0,       0.0);         ( 406935.6,
    3747680.4,      29.0,      29.0,       0.0);
    ( 406925.6, 3747680.4,      29.0,      29.0,       0.0);         ( 406915.6,
    3747680.4,      29.0,      29.0,       0.0);
    ( 406905.6, 3747680.4,      29.0,      29.0,       0.0);         ( 406895.7,
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    ( 406885.7, 3747680.4,      29.0,      29.0,       0.0);         ( 406980.9,
    3747677.6,      29.0,      29.0,       0.0);
    ( 406988.4, 3747685.1,      29.0,      29.0,       0.0);         ( 406975.6,
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    ( 406965.6, 3747675.4,      29.0,      29.0,       0.0);         ( 406955.6,
    3747675.4,      29.0,      29.0,       0.0);
    ( 406945.6, 3747675.4,      29.0,      29.0,       0.0);         ( 406935.6,
    3747675.4,      29.0,      29.0,       0.0);
    ( 406925.6, 3747675.4,      29.0,      29.0,       0.0);         ( 406915.6,
    3747675.4,      29.0,      29.0,       0.0);
    ( 406905.6, 3747675.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747675.4,      29.0,      29.0,       0.0);
    ( 406885.7, 3747675.4,      29.0,      29.0,       0.0);         ( 406982.6,
    3747673.3,      29.0,      29.0,       0.0);
    ( 406992.6, 3747683.3,      29.0,      29.0,       0.0);         ( 406975.6,
    3747670.4,      29.0,      29.0,       0.0);
    ( 406965.6, 3747670.4,      29.0,      29.0,       0.0);         ( 406955.6,
    3747670.4,      29.0,      29.0,       0.0);
    ( 406945.6, 3747670.4,      29.0,      29.0,       0.0);         ( 406935.6,
    3747670.4,      29.0,      29.0,       0.0);
    ( 406925.6, 3747670.4,      29.0,      29.0,       0.0);         ( 406915.6,
    3747670.4,      29.0,      29.0,       0.0);
    ( 406905.6, 3747670.4,      29.0,      29.0,       0.0);         ( 406895.7,
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    ( 406885.7, 3747670.4,      29.0,      29.0,       0.0);         ( 406984.4,
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    ( 406996.9, 3747681.5,      29.0,      29.0,       0.0);         ( 406975.6,
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    ( 406965.6, 3747665.4,      29.0,      29.0,       0.0);         ( 406955.6,
    3747665.4,      29.0,      29.0,       0.0);
    ( 406945.6, 3747665.4,      29.0,      29.0,       0.0);         ( 406935.6,
    3747665.4,      29.0,      29.0,       0.0);
    ( 406925.6, 3747665.4,      29.0,      29.0,       0.0);         ( 406915.6,
    3747665.4,      29.0,      29.0,       0.0);
    ( 406905.6, 3747665.4,      29.0,      29.0,       0.0);         ( 406895.7,
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    ( 406989.7, 3747666.2,      29.0,      29.0,       0.0);         ( 406999.7,
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(406945.6, 3747660.4, 29.0, 29.0, 0.0); (406935.6,
3747660.4, 29.0, 29.0, 0.0);
(406925.6, 3747660.4, 29.0, 29.0, 0.0); (406915.6,
3747660.4, 29.0, 29.0, 0.0);
(406905.6, 3747660.4, 29.0, 29.0, 0.0); (406895.7,
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(406885.7, 3747660.4, 29.0, 29.0, 0.0); (406983.8,
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3747655.4, 29.0, 29.0, 0.0);
(406945.6, 3747655.4, 29.0, 29.0, 0.0); (406935.6,
3747655.4, 29.0, 29.0, 0.0);
(406925.6, 3747655.4, 29.0, 29.0, 0.0); (406915.6,
3747655.4, 29.0, 29.0, 0.0);
(406905.6, 3747655.4, 29.0, 29.0, 0.0); (406895.7,
3747655.4, 29.0, 29.0, 0.0);
(406885.7, 3747655.4, 29.0, 29.0, 0.0); (406982.6,
3747653.3, 29.0, 29.0, 0.0);
(406989.7, 3747656.2, 29.0, 29.0, 0.0); (406996.8,
3747659.2, 29.0, 29.0, 0.0);
(407006.8, 3747669.2, 29.0, 29.0, 0.0); (407009.7,
3747676.2, 29.0, 29.0, 0.0);
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3747650.4, 29.0, 29.0, 0.0);
(406945.6, 3747650.4, 29.0, 29.0, 0.0); (406935.6,
3747650.4, 29.0, 29.0, 0.0);
(406925.6, 3747650.4, 29.0, 29.0, 0.0); (406915.6,
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(406925.6, 3747645.4, 29.0, 29.0, 0.0); (406915.6,
3747645.4, 29.0, 29.0, 0.0);

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

(406905.6, 3747645.4, 29.0, 29.0, 0.0); (406895.7, 3747645.4, 29.0, 29.0, 0.0);
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(406993.2, 3747647.7, 29.0, 29.0, 0.0); (407002.1, 3747651.4, 29.0, 29.0, 0.0);
(407014.6, 3747663.9, 29.0, 29.0, 0.0); (407018.2, 3747672.7, 29.0, 29.0, 0.0);
(407021.9, 3747681.5, 29.0, 29.0, 0.0); (406975.6, 3747640.4, 29.0, 29.0, 0.0);
(406965.6, 3747640.4, 29.0, 29.0, 0.0); (406955.6, 3747640.4, 29.0, 29.0, 0.0);
(406945.6, 3747640.4, 29.0, 29.0, 0.0); (406935.6, 3747640.4, 29.0, 29.0, 0.0);
(406925.6, 3747640.4, 29.0, 29.0, 0.0); (406915.6, 3747640.4, 29.0, 29.0, 0.0);
(406905.6, 3747640.4, 29.0, 29.0, 0.0); (406895.7, 3747640.4, 29.0, 29.0, 0.0);
(406885.7, 3747640.4, 29.0, 29.0, 0.0); (406983.3, 3747638.6, 29.0, 29.0, 0.0);
(406991.1, 3747641.8, 29.0, 29.0, 0.0); (406998.9, 3747645.0, 29.0, 29.0, 0.0);
(407006.7, 3747648.3, 29.0, 29.0, 0.0); (407017.7, 3747659.3, 29.0, 29.0, 0.0);
(407020.9, 3747667.0, 29.0, 29.0, 0.0); (407024.1, 3747674.8, 29.0, 29.0, 0.0);
(407027.3, 3747682.6, 29.0, 29.0, 0.0); (406975.6, 3747635.4, 29.0, 29.0, 0.0);
(406965.6, 3747635.4, 29.0, 29.0, 0.0); (406955.6, 3747635.4, 29.0, 29.0, 0.0);
(406945.6, 3747635.4, 29.0, 29.0, 0.0); (406935.6, 3747635.4, 29.0, 29.0, 0.0);
(406925.6, 3747635.4, 29.0, 29.0, 0.0); (406915.6, 3747635.4, 29.0, 29.0, 0.0);
(406905.6, 3747635.4, 29.0, 29.0, 0.0); (406895.7, 3747635.4, 29.0, 29.0, 0.0);
(406885.7, 3747635.4, 29.0, 29.0, 0.0); (406984.0, 3747633.9, 29.0, 29.0, 0.0);
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(407028.5, 3747673.4, 29.0, 29.0, 0.0); (407032.0, 3747681.9, 29.0, 29.0, 0.0);
(406975.6, 3747630.4, 29.0, 29.0, 0.0); (406965.6, 3747630.4, 29.0, 29.0, 0.0);
(406955.6, 3747630.4, 29.0, 29.0, 0.0); (406945.6, 3747630.4, 29.0, 29.0, 0.0);
(406935.6, 3747630.4, 29.0, 29.0, 0.0); (406925.6, 3747630.4, 29.0, 29.0, 0.0);
(406915.6, 3747630.4, 29.0, 29.0, 0.0); (406905.6, 3747630.4, 29.0, 29.0, 0.0);
(406895.7, 3747630.4, 29.0, 29.0, 0.0); (406885.7, 3747630.4, 29.0, 29.0, 0.0);
(406984.8, 3747629.2, 29.0, 29.0, 0.0); (406993.9, 3747633.0, 29.0, 29.0, 0.0);
(407003.1, 3747636.8, 29.0, 29.0, 0.0); (407012.3, 3747640.6, 29.0, 29.0, 0.0);
(407025.3, 3747653.6, 29.0, 29.0, 0.0); (407029.1, 3747662.8, 29.0, 29.0, 0.0);
(407032.9, 3747672.0, 29.0, 29.0, 0.0); (407036.8, 3747681.1, 29.0, 29.0, 0.0);
(406975.6, 3747625.4, 29.0, 29.0, 0.0); (406965.6, 3747625.4, 29.0, 29.0, 0.0);
(406955.6, 3747625.4, 29.0, 29.0, 0.0); (406945.6,

3747625.4, 29.0, 29.0, 0.0);
(406935.6, 3747625.4, 29.0, 29.0, 0.0); (406925.6,
3747625.4, 29.0, 29.0, 0.0);
(406915.6, 3747625.4, 29.0, 29.0, 0.0); (406905.6,
3747625.4, 29.0, 29.0, 0.0);
(406895.7, 3747625.4, 29.0, 29.0, 0.0); (406885.7,
3747625.4, 29.0, 29.0, 0.0);
(406983.8, 3747623.8, 29.0, 29.0, 0.0); (406992.0,
3747627.2, 29.0, 29.0, 0.0);
(407000.3, 3747630.6, 29.0, 29.0, 0.0); (407008.5,
3747634.0, 29.0, 29.0, 0.0);
(407016.8, 3747637.5, 29.0, 29.0, 0.0); (407028.5,
3747649.1, 29.0, 29.0, 0.0);
(407031.9, 3747657.4, 29.0, 29.0, 0.0); (407035.3,
3747665.6, 29.0, 29.0, 0.0);
(407038.7, 3747673.8, 29.0, 29.0, 0.0); (407042.1,
3747682.1, 29.0, 29.0, 0.0);
(406975.6, 3747620.4, 29.0, 29.0, 0.0); (406965.6,
3747620.4, 29.0, 29.0, 0.0);
(406955.6, 3747620.4, 29.0, 29.0, 0.0); (406945.6,
3747620.4, 29.0, 29.0, 0.0);
(406935.6, 3747620.4, 29.0, 29.0, 0.0); (406925.6,
3747620.4, 29.0, 29.0, 0.0);
(406915.6, 3747620.4, 29.0, 29.0, 0.0); (406905.6,
3747620.4, 29.0, 29.0, 0.0);

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

(406895.7, 3747620.4, 29.0, 29.0, 0.0); (406885.7,
3747620.4, 29.0, 29.0, 0.0);
(406984.4, 3747619.1, 29.0, 29.0, 0.0); (406993.2,
3747622.7, 29.0, 29.0, 0.0);
(407002.1, 3747626.4, 29.0, 29.0, 0.0); (407010.9,
3747630.0, 29.0, 29.0, 0.0);
(407019.7, 3747633.7, 29.0, 29.0, 0.0); (407032.2,
3747646.2, 29.0, 29.0, 0.0);
(407035.9, 3747655.0, 29.0, 29.0, 0.0); (407039.6,
3747663.8, 29.0, 29.0, 0.0);
(407043.2, 3747672.7, 29.0, 29.0, 0.0); (407046.9,
3747681.5, 29.0, 29.0, 0.0);
(406975.6, 3747615.4, 29.0, 29.0, 0.0); (406965.6,
3747615.4, 29.0, 29.0, 0.0);
(406955.6, 3747615.4, 29.0, 29.0, 0.0); (406945.6,
3747615.4, 29.0, 29.0, 0.0);
(406935.6, 3747615.4, 29.0, 29.0, 0.0); (406925.6,
3747615.4, 29.0, 29.0, 0.0);
(406915.6, 3747615.4, 29.0, 29.0, 0.0); (406905.6,
3747615.4, 29.0, 29.0, 0.0);
(406895.7, 3747615.4, 29.0, 29.0, 0.0); (406885.7,
3747615.4, 29.0, 29.0, 0.0);
(406983.6, 3747613.7, 29.0, 29.0, 0.0); (406991.7,
3747617.1, 29.0, 29.0, 0.0);
(406999.8, 3747620.4, 29.0, 29.0, 0.0); (407007.9,
3747623.8, 29.0, 29.0, 0.0);
(407016.0, 3747627.1, 29.0, 29.0, 0.0); (407024.0,
3747630.5, 29.0, 29.0, 0.0);
(407035.5, 3747641.9, 29.0, 29.0, 0.0); (407038.8,

```
    3747649.9,      29.0,      29.0,       0.0);
    ( 407042.1, 3747658.0,      29.0,      29.0,       0.0);         ( 407045.5,
    3747666.1,      29.0,      29.0,       0.0);
    ( 407048.9, 3747674.2,      29.0,      29.0,       0.0);         ( 407052.2,
    3747682.2,      29.0,      29.0,       0.0);
    ( 406975.6, 3747610.4,      29.0,      29.0,       0.0);         ( 406965.6,
    3747610.4,      29.0,      29.0,       0.0);
    ( 406955.6, 3747610.4,      29.0,      29.0,       0.0);         ( 406945.6,
    3747610.4,      29.0,      29.0,       0.0);
    ( 406935.6, 3747610.4,      29.0,      29.0,       0.0);         ( 406925.6,
    3747610.4,      29.0,      29.0,       0.0);
    ( 406915.6, 3747610.4,      29.0,      29.0,       0.0);         ( 406905.6,
    3747610.4,      29.0,      29.0,       0.0);
    ( 406895.7, 3747610.4,      29.0,      29.0,       0.0);         ( 406885.7,
    3747610.4,      29.0,      29.0,       0.0);
    ( 406984.1, 3747608.9,      29.0,      29.0,       0.0);         ( 406992.7,
    3747612.5,      29.0,      29.0,       0.0);
    ( 407001.3, 3747616.1,      29.0,      29.0,       0.0);         ( 407009.9,
    3747619.6,      29.0,      29.0,       0.0);
    ( 407018.5, 3747623.2,      29.0,      29.0,       0.0);         ( 407027.0,
    3747626.7,      29.0,      29.0,       0.0);
    ( 407039.2, 3747638.8,      29.0,      29.0,       0.0);         ( 407042.8,
    3747647.4,      29.0,      29.0,       0.0);
    ( 407046.3, 3747656.0,      29.0,      29.0,       0.0);         ( 407049.9,
    3747664.6,      29.0,      29.0,       0.0);
    ( 407053.4, 3747673.2,      29.0,      29.0,       0.0);         ( 407057.0,
    3747681.7,      29.0,      29.0,       0.0);
    ( 406975.6, 3747605.4,      29.0,      29.0,       0.0);         ( 406965.6,
    3747605.4,      29.0,      29.0,       0.0);
    ( 406955.6, 3747605.4,      29.0,      29.0,       0.0);         ( 406945.6,
    3747605.4,      29.0,      29.0,       0.0);
    ( 406935.6, 3747605.4,      29.0,      29.0,       0.0);         ( 406925.6,
    3747605.4,      29.0,      29.0,       0.0);
    ( 406915.6, 3747605.4,      29.0,      29.0,       0.0);         ( 406905.6,
    3747605.4,      29.0,      29.0,       0.0);
    ( 406895.7, 3747605.4,      29.0,      29.0,       0.0);         ( 406885.7,
    3747605.4,      29.0,      29.0,       0.0);
    ( 406984.6, 3747604.2,      29.0,      29.0,       0.0);         ( 406993.7,
    3747607.9,      29.0,      29.0,       0.0);
    ( 407002.8, 3747611.7,      29.0,      29.0,       0.0);         ( 407021.0,
    3747619.2,      29.0,      29.0,       0.0);
    ( 407030.1, 3747623.0,      29.0,      29.0,       0.0);         ( 407042.9,
    3747635.8,      29.0,      29.0,       0.0);
    ( 407046.7, 3747644.9,      29.0,      29.0,       0.0);         ( 407050.5,
    3747654.0,      29.0,      29.0,       0.0);
    ( 407054.2, 3747663.1,      29.0,      29.0,       0.0);         ( 407058.0,
    3747672.1,      29.0,      29.0,       0.0);
    ( 407061.8, 3747681.2,      29.0,      29.0,       0.0);         ( 406975.6,
    3747600.4,      29.0,      29.0,       0.0);
    ( 406965.6, 3747600.4,      29.0,      29.0,       0.0);         ( 406955.6,
    3747600.4,      29.0,      29.0,       0.0);
    ( 406945.6, 3747600.4,      29.0,      29.0,       0.0);         ( 406935.6,
    3747600.4,      29.0,      29.0,       0.0);
    ( 406925.6, 3747600.4,      29.0,      29.0,       0.0);         ( 406915.6,
    3747600.4,      29.0,      29.0,       0.0);
    ( 406905.6, 3747600.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747600.4,      29.0,      29.0,       0.0);
    ( 406885.7, 3747600.4,      29.0,      29.0,       0.0);         ( 406984.0,
    3747598.9,      29.0,      29.0,       0.0);
    ( 406992.3, 3747602.3,      29.0,      29.0,       0.0);         ( 407000.7,
    3747605.8,      29.0,      29.0,       0.0);
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:28:23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407009.1, 3747609.3, 29.0, 29.0, 0.0); (407017.5, 3747612.8, 29.0, 29.0, 0.0);
(407025.9, 3747616.2, 29.0, 29.0, 0.0); (407034.3, 3747619.7, 29.0, 29.0, 0.0);
(407046.2, 3747631.6, 29.0, 29.0, 0.0); (407049.7, 3747640.0, 29.0, 29.0, 0.0);
(407053.1, 3747648.4, 29.0, 29.0, 0.0); (407056.6, 3747656.8, 29.0, 29.0, 0.0);
(407060.1, 3747665.1, 29.0, 29.0, 0.0); (407063.6, 3747673.5, 29.0, 29.0, 0.0);
(407067.1, 3747681.9, 29.0, 29.0, 0.0); (406975.6, 3747595.4, 29.0, 29.0, 0.0);
(406965.6, 3747595.4, 29.0, 29.0, 0.0); (406955.6, 3747595.4, 29.0, 29.0, 0.0);
(406945.6, 3747595.4, 29.0, 29.0, 0.0); (406935.6, 3747595.4, 29.0, 29.0, 0.0);
(406925.6, 3747595.4, 29.0, 29.0, 0.0); (406915.6, 3747595.4, 29.0, 29.0, 0.0);
(406905.6, 3747595.4, 29.0, 29.0, 0.0); (406895.7, 3747595.4, 29.0, 29.0, 0.0);
(406885.7, 3747595.4, 29.0, 29.0, 0.0); (406984.4, 3747594.1, 29.0, 29.0, 0.0);
(406993.2, 3747597.7, 29.0, 29.0, 0.0); (407002.1, 3747601.4, 29.0, 29.0, 0.0);
(407010.9, 3747605.0, 29.0, 29.0, 0.0); (407019.7, 3747608.7, 29.0, 29.0, 0.0);
(407028.6, 3747612.3, 29.0, 29.0, 0.0); (407037.4, 3747616.0, 29.0, 29.0, 0.0);
(407049.9, 3747628.5, 29.0, 29.0, 0.0); (407053.6, 3747637.3, 29.0, 29.0, 0.0);
(407057.2, 3747646.1, 29.0, 29.0, 0.0); (407060.9, 3747655.0, 29.0, 29.0, 0.0);
(407064.6, 3747663.8, 29.0, 29.0, 0.0); (407068.2, 3747672.6, 29.0, 29.0, 0.0);
(407071.9, 3747681.5, 29.0, 29.0, 0.0); (406975.6, 3747590.4, 29.0, 29.0, 0.0);
(406965.6, 3747590.4, 29.0, 29.0, 0.0); (406955.6, 3747590.4, 29.0, 29.0, 0.0);
(406945.6, 3747590.4, 29.0, 29.0, 0.0); (406935.6, 3747590.4, 29.0, 29.0, 0.0);
(406925.6, 3747590.4, 29.0, 29.0, 0.0); (406915.6, 3747590.4, 29.0, 29.0, 0.0);
(406905.6, 3747590.4, 29.0, 29.0, 0.0); (406895.7, 3747590.4, 29.0, 29.0, 0.0);
(406885.7, 3747590.4, 29.0, 29.0, 0.0); (406880.7, 3747690.4, 29.0, 29.0, 0.0);
(406880.7, 3747700.4, 29.0, 29.0, 0.0); (406880.7, 3747710.4, 29.0, 29.0, 0.0);
(406880.7, 3747720.4, 29.0, 29.0, 0.0); (406880.7, 3747730.4, 29.0, 29.0, 0.0);
(406880.7, 3747740.4, 29.0, 29.0, 0.0); (406880.7, 3747750.4, 29.0, 29.0, 0.0);
(406880.7, 3747760.4, 29.0, 29.0, 0.0); (406880.7, 3747770.4, 29.0, 29.0, 0.0);
(406880.7, 3747780.4, 29.0, 29.0, 0.0); (406875.7, 3747690.4, 29.0, 29.0, 0.0);
(406875.7, 3747700.4, 29.0, 29.0, 0.0); (406875.7, 3747710.4, 29.0, 29.0, 0.0);
(406875.7, 3747720.4, 29.0, 29.0, 0.0); (406875.7,

3747730.4, 29.0, 29.0, 0.0);
(406875.7, 3747740.4, 29.0, 29.0, 0.0); (406875.7,
3747750.4, 29.0, 29.0, 0.0);
(406875.7, 3747760.4, 29.0, 29.0, 0.0); (406875.7,
3747770.4, 29.0, 29.0, 0.0);
(406875.7, 3747780.4, 29.0, 29.0, 0.0); (406872.9,
3747685.1, 29.0, 29.0, 0.0);
(406880.4, 3747677.6, 29.0, 29.0, 0.0); (406870.7,
3747690.4, 29.0, 29.0, 0.0);
(406870.7, 3747700.4, 29.0, 29.0, 0.0); (406870.7,
3747710.4, 29.0, 29.0, 0.0);
(406870.7, 3747720.4, 29.0, 29.0, 0.0); (406870.7,
3747730.4, 29.0, 29.0, 0.0);
(406870.7, 3747740.4, 29.0, 29.0, 0.0); (406870.7,
3747750.4, 29.0, 29.0, 0.0);
(406870.7, 3747760.4, 29.0, 29.0, 0.0); (406870.7,
3747770.4, 29.0, 29.0, 0.0);
(406870.7, 3747780.4, 29.0, 29.0, 0.0); (406868.6,
3747683.3, 29.0, 29.0, 0.0);
(406878.6, 3747673.3, 29.0, 29.0, 0.0); (406865.7,
3747690.4, 29.0, 29.0, 0.0);
(406865.7, 3747700.4, 29.0, 29.0, 0.0); (406865.7,
3747710.4, 29.0, 29.0, 0.0);
(406865.7, 3747720.4, 29.0, 29.0, 0.0); (406865.7,
3747730.4, 29.0, 29.0, 0.0);
(406865.7, 3747740.4, 29.0, 29.0, 0.0); (406865.7,
3747750.4, 29.0, 29.0, 0.0);
(406865.7, 3747760.4, 29.0, 29.0, 0.0); (406865.7,
3747770.4, 29.0, 29.0, 0.0);
(406865.7, 3747780.4, 29.0, 29.0, 0.0); (406864.3,
3747681.6, 29.0, 29.0, 0.0);

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

(406876.8, 3747669.1, 29.0, 29.0, 0.0); (406860.7,
3747690.4, 29.0, 29.0, 0.0);
(406860.7, 3747700.4, 29.0, 29.0, 0.0); (406860.7,
3747710.4, 29.0, 29.0, 0.0);
(406860.7, 3747720.4, 29.0, 29.0, 0.0); (406860.7,
3747730.4, 29.0, 29.0, 0.0);
(406860.7, 3747740.4, 29.0, 29.0, 0.0); (406860.7,
3747750.4, 29.0, 29.0, 0.0);
(406860.7, 3747760.4, 29.0, 29.0, 0.0); (406860.7,
3747770.4, 29.0, 29.0, 0.0);
(406860.7, 3747780.4, 29.0, 29.0, 0.0); (406858.6,
3747683.3, 29.0, 29.0, 0.0);
(406861.5, 3747676.3, 29.0, 29.0, 0.0); (406871.5,
3747666.3, 29.0, 29.0, 0.0);
(406878.6, 3747663.3, 29.0, 29.0, 0.0); (406855.7,
3747690.4, 29.0, 29.0, 0.0);
(406855.7, 3747700.4, 29.0, 29.0, 0.0); (406855.7,
3747710.4, 29.0, 29.0, 0.0);
(406855.7, 3747720.4, 29.0, 29.0, 0.0); (406855.7,
3747730.4, 29.0, 29.0, 0.0);
(406855.7, 3747740.4, 29.0, 29.0, 0.0); (406855.7,
3747750.4, 29.0, 29.0, 0.0);
(406855.7, 3747760.4, 29.0, 29.0, 0.0); (406855.7,

3747770.4,   29.0,   29.0,   0.0);
(406855.7, 3747780.4,   29.0,   29.0,   0.0);   (406854.1,
3747682.1,   29.0,   29.0,   0.0);
(406857.5, 3747673.9,   29.0,   29.0,   0.0);   (406869.2,
3747662.2,   29.0,   29.0,   0.0);
(406877.4, 3747658.8,   29.0,   29.0,   0.0);   (406850.7,
3747690.4,   29.0,   29.0,   0.0);
(406850.7, 3747700.4,   29.0,   29.0,   0.0);   (406850.7,
3747710.4,   29.0,   29.0,   0.0);
(406850.7, 3747720.4,   29.0,   29.0,   0.0);   (406850.7,
3747730.4,   29.0,   29.0,   0.0);
(406850.7, 3747740.4,   29.0,   29.0,   0.0);   (406850.7,
3747750.4,   29.0,   29.0,   0.0);
(406850.7, 3747760.4,   29.0,   29.0,   0.0);   (406850.7,
3747770.4,   29.0,   29.0,   0.0);
(406850.7, 3747780.4,   29.0,   29.0,   0.0);   (406848.6,
3747683.3,   29.0,   29.0,   0.0);
(406851.5, 3747676.3,   29.0,   29.0,   0.0);   (406854.5,
3747669.2,   29.0,   29.0,   0.0);
(406864.5, 3747659.2,   29.0,   29.0,   0.0);   (406871.5,
3747656.3,   29.0,   29.0,   0.0);
(406878.6, 3747653.3,   29.0,   29.0,   0.0);   (406845.7,
3747690.4,   29.0,   29.0,   0.0);
(406845.7, 3747700.4,   29.0,   29.0,   0.0);   (406845.7,
3747710.4,   29.0,   29.0,   0.0);
(406845.7, 3747720.4,   29.0,   29.0,   0.0);   (406845.7,
3747730.4,   29.0,   29.0,   0.0);
(406845.7, 3747740.4,   29.0,   29.0,   0.0);   (406845.7,
3747750.4,   29.0,   29.0,   0.0);
(406845.7, 3747760.4,   29.0,   29.0,   0.0);   (406845.7,
3747770.4,   29.0,   29.0,   0.0);
(406845.7, 3747780.4,   29.0,   29.0,   0.0);   (406844.0,
3747682.4,   29.0,   29.0,   0.0);
(406847.3, 3747674.5,   29.0,   29.0,   0.0);   (406850.6,
3747666.5,   29.0,   29.0,   0.0);
(406861.8, 3747655.3,   29.0,   29.0,   0.0);   (406869.8,
3747652.0,   29.0,   29.0,   0.0);
(406877.7, 3747648.7,   29.0,   29.0,   0.0);   (406840.7,
3747690.4,   29.0,   29.0,   0.0);
(406840.7, 3747700.4,   29.0,   29.0,   0.0);   (406840.7,
3747710.4,   29.0,   29.0,   0.0);
(406840.7, 3747720.4,   29.0,   29.0,   0.0);   (406840.7,
3747730.4,   29.0,   29.0,   0.0);
(406840.7, 3747740.4,   29.0,   29.0,   0.0);   (406840.7,
3747750.4,   29.0,   29.0,   0.0);
(406840.7, 3747760.4,   29.0,   29.0,   0.0);   (406840.7,
3747770.4,   29.0,   29.0,   0.0);
(406840.7, 3747780.4,   29.0,   29.0,   0.0);   (406839.3,
3747681.6,   29.0,   29.0,   0.0);
(406843.0, 3747672.7,   29.0,   29.0,   0.0);   (406846.7,
3747663.9,   29.0,   29.0,   0.0);
(406859.2, 3747651.4,   29.0,   29.0,   0.0);   (406868.0,
3747647.7,   29.0,   29.0,   0.0);
(406876.8, 3747644.1,   29.0,   29.0,   0.0);   (406835.7,
3747690.4,   29.0,   29.0,   0.0);
(406835.7, 3747700.4,   29.0,   29.0,   0.0);   (406835.7,
3747710.4,   29.0,   29.0,   0.0);
(406835.7, 3747720.4,   29.0,   29.0,   0.0);   (406835.7,
3747730.4,   29.0,   29.0,   0.0);
(406835.7, 3747740.4,   29.0,   29.0,   0.0);   (406835.7,
3747750.4,   29.0,   29.0,   0.0);
(406835.7, 3747760.4,   29.0,   29.0,   0.0);   (406835.7,
3747770.4,   29.0,   29.0,   0.0);
(406835.7, 3747780.4,   29.0,   29.0,   0.0);   (406833.9,
3747682.6,   29.0,   29.0,   0.0);
(406837.1, 3747674.8,   29.0,   29.0,   0.0);   (406840.3,

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

(406843.6, 3747659.3, 29.0, 29.0, 0.0); (406854.6, 3747648.3, 29.0, 29.0, 0.0);
(406862.3, 3747645.1, 29.0, 29.0, 0.0); (406870.1, 3747641.8, 29.0, 29.0, 0.0);
(406877.9, 3747638.6, 29.0, 29.0, 0.0); (406830.7, 3747690.4, 29.0, 29.0, 0.0);
(406830.7, 3747700.4, 29.0, 29.0, 0.0); (406830.7, 3747710.4, 29.0, 29.0, 0.0);
(406830.7, 3747720.4, 29.0, 29.0, 0.0); (406830.7, 3747730.4, 29.0, 29.0, 0.0);
(406830.7, 3747740.4, 29.0, 29.0, 0.0); (406830.7, 3747750.4, 29.0, 29.0, 0.0);
(406830.7, 3747760.4, 29.0, 29.0, 0.0); (406830.7, 3747770.4, 29.0, 29.0, 0.0);
(406830.7, 3747780.4, 29.0, 29.0, 0.0); (406829.2, 3747681.9, 29.0, 29.0, 0.0);
(406832.7, 3747673.4, 29.0, 29.0, 0.0); (406836.2, 3747664.9, 29.0, 29.0, 0.0);
(406839.7, 3747656.5, 29.0, 29.0, 0.0); (406851.7, 3747644.5, 29.0, 29.0, 0.0);
(406860.2, 3747640.9, 29.0, 29.0, 0.0); (406877.2, 3747633.9, 29.0, 29.0, 0.0);
(406825.7, 3747690.4, 29.0, 29.0, 0.0); (406825.7, 3747700.4, 29.0, 29.0, 0.0);
(406825.7, 3747710.4, 29.0, 29.0, 0.0); (406825.7, 3747720.4, 29.0, 29.0, 0.0);
(406825.7, 3747730.4, 29.0, 29.0, 0.0); (406825.7, 3747740.4, 29.0, 29.0, 0.0);
(406825.7, 3747750.4, 29.0, 29.0, 0.0); (406825.7, 3747760.4, 29.0, 29.0, 0.0);
(406825.7, 3747770.4, 29.0, 29.0, 0.0); (406825.7, 3747780.4, 29.0, 29.0, 0.0);
(406824.5, 3747681.2, 29.0, 29.0, 0.0); (406828.3, 3747672.0, 29.0, 29.0, 0.0);
(406832.1, 3747662.8, 29.0, 29.0, 0.0); (406835.9, 3747653.6, 29.0, 29.0, 0.0);
(406848.9, 3747640.6, 29.0, 29.0, 0.0); (406858.1, 3747636.8, 29.0, 29.0, 0.0);
(406867.3, 3747633.0, 29.0, 29.0, 0.0); (406876.5, 3747629.2, 29.0, 29.0, 0.0);
(406820.7, 3747690.4, 29.0, 29.0, 0.0); (406820.7, 3747700.4, 29.0, 29.0, 0.0);
(406820.7, 3747710.4, 29.0, 29.0, 0.0); (406820.7, 3747720.4, 29.0, 29.0, 0.0);
(406820.7, 3747730.4, 29.0, 29.0, 0.0); (406820.7, 3747740.4, 29.0, 29.0, 0.0);
(406820.7, 3747750.4, 29.0, 29.0, 0.0); (406820.7, 3747760.4, 29.0, 29.0, 0.0);
(406820.7, 3747770.4, 29.0, 29.0, 0.0); (406820.7, 3747780.4, 29.0, 29.0, 0.0);
(406819.1, 3747682.1, 29.0, 29.0, 0.0); (406822.5, 3747673.9, 29.0, 29.0, 0.0);
(406825.9, 3747665.6, 29.0, 29.0, 0.0); (406829.3,

3747657.4, 29.0, 29.0, 0.0);
(406832.8, 3747649.1, 29.0, 29.0, 0.0); (406844.4,
3747637.5, 29.0, 29.0, 0.0);
(406852.7, 3747634.1, 29.0, 29.0, 0.0); (406860.9,
3747630.6, 29.0, 29.0, 0.0);
(406869.2, 3747627.2, 29.0, 29.0, 0.0); (406877.4,
3747623.8, 29.0, 29.0, 0.0);
(406815.7, 3747690.4, 29.0, 29.0, 0.0); (406815.7,
3747700.4, 29.0, 29.0, 0.0);
(406815.7, 3747710.4, 29.0, 29.0, 0.0); (406815.7,
3747720.4, 29.0, 29.0, 0.0);
(406815.7, 3747730.4, 29.0, 29.0, 0.0); (406815.7,
3747740.4, 29.0, 29.0, 0.0);
(406815.7, 3747750.4, 29.0, 29.0, 0.0); (406815.7,
3747760.4, 29.0, 29.0, 0.0);
(406815.7, 3747770.4, 29.0, 29.0, 0.0); (406815.7,
3747780.4, 29.0, 29.0, 0.0);
(406814.3, 3747681.6, 29.0, 29.0, 0.0); (406818.0,
3747672.7, 29.0, 29.0, 0.0);
(406821.7, 3747663.9, 29.0, 29.0, 0.0); (406825.3,
3747655.0, 29.0, 29.0, 0.0);
(406829.0, 3747646.2, 29.0, 29.0, 0.0); (406841.5,
3747633.7, 29.0, 29.0, 0.0);
(406850.3, 3747630.0, 29.0, 29.0, 0.0); (406859.2,
3747626.4, 29.0, 29.0, 0.0);
(406868.0, 3747622.7, 29.0, 29.0, 0.0); (406876.8,
3747619.1, 29.0, 29.0, 0.0);
(406810.7, 3747690.4, 29.0, 29.0, 0.0); (406810.7,
3747700.4, 29.0, 29.0, 0.0);
(406810.7, 3747710.4, 29.0, 29.0, 0.0); (406810.7,
3747720.4, 29.0, 29.0, 0.0);
(406810.7, 3747730.4, 29.0, 29.0, 0.0); (406810.7,
3747740.4, 29.0, 29.0, 0.0);
(406810.7, 3747750.4, 29.0, 29.0, 0.0); (406810.7,
3747760.4, 29.0, 29.0, 0.0);
(406810.7, 3747770.4, 29.0, 29.0, 0.0); (406810.7,
3747780.4, 29.0, 29.0, 0.0);

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

(406809.0, 3747682.3, 29.0, 29.0, 0.0); (406812.4,
3747674.2, 29.0, 29.0, 0.0);
(406815.7, 3747666.2, 29.0, 29.0, 0.0); (406819.1,
3747658.1, 29.0, 29.0, 0.0);
(406822.4, 3747650.0, 29.0, 29.0, 0.0); (406825.8,
3747641.9, 29.0, 29.0, 0.0);
(406837.2, 3747630.5, 29.0, 29.0, 0.0); (406845.3,
3747627.1, 29.0, 29.0, 0.0);
(406853.4, 3747623.8, 29.0, 29.0, 0.0); (406861.4,
3747620.4, 29.0, 29.0, 0.0);
(406869.5, 3747617.1, 29.0, 29.0, 0.0); (406877.6,
3747613.8, 29.0, 29.0, 0.0);
(406805.7, 3747690.4, 29.0, 29.0, 0.0); (406805.7,
3747700.4, 29.0, 29.0, 0.0);
(406805.7, 3747710.4, 29.0, 29.0, 0.0); (406805.7,
3747720.4, 29.0, 29.0, 0.0);
(406805.7, 3747730.4, 29.0, 29.0, 0.0); (406805.7,

3747740.4,   29.0,   29.0,   0.0);
(406805.7, 3747750.4,   29.0,   29.0,   0.0);   (406805.7,
3747760.4,   29.0,   29.0,   0.0);
(406805.7, 3747770.4,   29.0,   29.0,   0.0);   (406805.7,
3747780.4,   29.0,   29.0,   0.0);
(406804.2, 3747681.8,   29.0,   29.0,   0.0);   (406807.8,
3747673.2,   29.0,   29.0,   0.0);
(406811.3, 3747664.6,   29.0,   29.0,   0.0);   (406814.9,
3747656.0,   29.0,   29.0,   0.0);
(406818.5, 3747647.5,   29.0,   29.0,   0.0);   (406822.0,
3747638.9,   29.0,   29.0,   0.0);
(406834.2, 3747626.7,   29.0,   29.0,   0.0);   (406842.8,
3747623.2,   29.0,   29.0,   0.0);
(406859.9, 3747616.1,   29.0,   29.0,   0.0);   (406868.5,
3747612.5,   29.0,   29.0,   0.0);
(406877.1, 3747609.0,   29.0,   29.0,   0.0);   (406800.7,
3747690.4,   29.0,   29.0,   0.0);
(406800.7, 3747700.4,   29.0,   29.0,   0.0);   (406800.7,
3747710.4,   29.0,   29.0,   0.0);
(406800.7, 3747720.4,   29.0,   29.0,   0.0);   (406800.7,
3747730.4,   29.0,   29.0,   0.0);
(406800.7, 3747740.4,   29.0,   29.0,   0.0);   (406800.7,
3747750.4,   29.0,   29.0,   0.0);
(406800.7, 3747760.4,   29.0,   29.0,   0.0);   (406800.7,
3747770.4,   29.0,   29.0,   0.0);
(406800.7, 3747780.4,   29.0,   29.0,   0.0);   (406799.5,
3747681.3,   29.0,   29.0,   0.0);
(406803.2, 3747672.2,   29.0,   29.0,   0.0);   (406807.0,
3747663.1,   29.0,   29.0,   0.0);
(406810.7, 3747654.0,   29.0,   29.0,   0.0);   (406814.5,
3747644.9,   29.0,   29.0,   0.0);
(406818.3, 3747635.8,   29.0,   29.0,   0.0);   (406831.1,
3747623.0,   29.0,   29.0,   0.0);
(406840.2, 3747619.2,   29.0,   29.0,   0.0);   (406849.3,
3747615.5,   29.0,   29.0,   0.0);
(406858.4, 3747611.7,   29.0,   29.0,   0.0);   (406867.5,
3747607.9,   29.0,   29.0,   0.0);
(406876.6, 3747604.2,   29.0,   29.0,   0.0);   (406795.7,
3747690.4,   29.0,   29.0,   0.0);
(406795.7, 3747700.4,   29.0,   29.0,   0.0);   (406795.7,
3747710.4,   29.0,   29.0,   0.0);
(406795.7, 3747720.4,   29.0,   29.0,   0.0);   (406795.7,
3747730.4,   29.0,   29.0,   0.0);
(406795.7, 3747740.4,   29.0,   29.0,   0.0);   (406795.7,
3747750.4,   29.0,   29.0,   0.0);
(406795.7, 3747760.4,   29.0,   29.0,   0.0);   (406795.7,
3747770.4,   29.0,   29.0,   0.0);
(406795.7, 3747780.4,   29.0,   29.0,   0.0);   (406794.2,
3747682.0,   29.0,   29.0,   0.0);
(406797.6, 3747673.6,   29.0,   29.0,   0.0);   (406801.1,
3747665.2,   29.0,   29.0,   0.0);
(406804.6, 3747656.8,   29.0,   29.0,   0.0);   (406808.1,
3747648.4,   29.0,   29.0,   0.0);
(406811.5, 3747640.0,   29.0,   29.0,   0.0);   (406815.0,
3747631.6,   29.0,   29.0,   0.0);
(406826.9, 3747619.8,   29.0,   29.0,   0.0);   (406835.3,
3747616.3,   29.0,   29.0,   0.0);
(406843.7, 3747612.8,   29.0,   29.0,   0.0);   (406852.1,
3747609.3,   29.0,   29.0,   0.0);
(406860.5, 3747605.8,   29.0,   29.0,   0.0);   (406868.9,
3747602.4,   29.0,   29.0,   0.0);
(406877.3, 3747598.9,   29.0,   29.0,   0.0);   (406790.7,
3747690.4,   29.0,   29.0,   0.0);
(406790.7, 3747700.4,   29.0,   29.0,   0.0);   (406790.7,
3747710.4,   29.0,   29.0,   0.0);
(406790.7, 3747720.4,   29.0,   29.0,   0.0);   (406790.7,

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

(406793.0, 3747672.7, 29.0, 29.0, 0.0); (406796.7,
3747663.9, 29.0, 29.0, 0.0);
(406800.3, 3747655.0, 29.0, 29.0, 0.0); (406804.0,
3747646.2, 29.0, 29.0, 0.0);
(406807.6, 3747637.4, 29.0, 29.0, 0.0); (406811.3,
3747628.5, 29.0, 29.0, 0.0);
(406823.8, 3747616.0, 29.0, 29.0, 0.0); (406832.6,
3747612.4, 29.0, 29.0, 0.0);
(406841.5, 3747608.7, 29.0, 29.0, 0.0); (406850.3,
3747605.0, 29.0, 29.0, 0.0);
(406868.0, 3747597.7, 29.0, 29.0, 0.0); (406876.8,
3747594.1, 29.0, 29.0, 0.0);
(406785.7, 3747690.4, 29.0, 29.0, 0.0); (406785.7,
3747700.4, 29.0, 29.0, 0.0);
(406785.7, 3747710.4, 29.0, 29.0, 0.0); (406785.7,
3747720.4, 29.0, 29.0, 0.0);
(406785.7, 3747730.4, 29.0, 29.0, 0.0); (406785.7,
3747740.4, 29.0, 29.0, 0.0);
(406785.7, 3747750.4, 29.0, 29.0, 0.0); (406785.7,
3747760.4, 29.0, 29.0, 0.0);
(406785.7, 3747770.4, 29.0, 29.0, 0.0); (406785.7,
3747780.4, 29.0, 29.0, 0.0);
(406885.7, 3747785.4, 29.0, 29.0, 0.0); (406895.7,
3747785.4, 29.0, 29.0, 0.0);
(406905.7, 3747785.4, 29.0, 29.0, 0.0); (406915.7,
3747785.4, 29.0, 29.0, 0.0);
(406925.7, 3747785.4, 29.0, 29.0, 0.0); (406935.7,
3747785.4, 29.0, 29.0, 0.0);
(406945.7, 3747785.4, 29.0, 29.0, 0.0); (406955.7,
3747785.4, 29.0, 29.0, 0.0);
(406965.6, 3747785.4, 29.0, 29.0, 0.0); (406975.6,
3747785.4, 29.0, 29.0, 0.0);
(406885.7, 3747790.4, 29.0, 29.0, 0.0); (406895.7,
3747790.4, 29.0, 29.0, 0.0);
(406905.7, 3747790.4, 29.0, 29.0, 0.0); (406915.7,
3747790.4, 29.0, 29.0, 0.0);
(406925.7, 3747790.4, 29.0, 29.0, 0.0); (406935.7,
3747790.4, 29.0, 29.0, 0.0);
(406945.7, 3747790.4, 29.0, 29.0, 0.0); (406955.7,
3747790.4, 29.0, 29.0, 0.0);
(406965.6, 3747790.4, 29.0, 29.0, 0.0); (406975.6,
3747790.4, 29.0, 29.0, 0.0);
(406880.4, 3747793.2, 29.0, 29.0, 0.0); (406872.9,
3747785.7, 29.0, 29.0, 0.0);
(406885.7, 3747795.4, 29.0, 29.0, 0.0); (406895.7,
3747795.4, 29.0, 29.0, 0.0);
(406905.7, 3747795.4, 29.0, 29.0, 0.0); (406915.7,

```
    3747795.4,      29.0,      29.0,       0.0);
    ( 406925.7, 3747795.4,      29.0,      29.0,       0.0);         ( 406935.7,
    3747795.4,      29.0,      29.0,       0.0);
    ( 406945.7, 3747795.4,      29.0,      29.0,       0.0);         ( 406955.7,
    3747795.4,      29.0,      29.0,       0.0);
    ( 406965.6, 3747795.4,      29.0,      29.0,       0.0);         ( 406975.6,
    3747795.4,      29.0,      29.0,       0.0);
    ( 406878.6, 3747797.4,      29.0,      29.0,       0.0);         ( 406868.6,
    3747787.4,      29.0,      29.0,       0.0);
    ( 406885.7, 3747800.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747800.4,      29.0,      29.0,       0.0);
    ( 406905.7, 3747800.4,      29.0,      29.0,       0.0);         ( 406915.7,
    3747800.4,      29.0,      29.0,       0.0);
    ( 406925.7, 3747800.4,      29.0,      29.0,       0.0);         ( 406935.7,
    3747800.4,      29.0,      29.0,       0.0);
    ( 406945.7, 3747800.4,      29.0,      29.0,       0.0);         ( 406955.7,
    3747800.4,      29.0,      29.0,       0.0);
    ( 406965.6, 3747800.4,      29.0,      29.0,       0.0);         ( 406975.6,
    3747800.4,      29.0,      29.0,       0.0);
    ( 406876.8, 3747801.7,      29.0,      29.0,       0.0);         ( 406864.3,
    3747789.2,      29.0,      29.0,       0.0);
    ( 406885.7, 3747805.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747805.4,      29.0,      29.0,       0.0);
    ( 406905.7, 3747805.4,      29.0,      29.0,       0.0);         ( 406915.7,
    3747805.4,      29.0,      29.0,       0.0);
    ( 406925.7, 3747805.4,      29.0,      29.0,       0.0);         ( 406935.7,
    3747805.4,      29.0,      29.0,       0.0);
    ( 406945.7, 3747805.4,      29.0,      29.0,       0.0);         ( 406955.7,
    3747805.4,      29.0,      29.0,       0.0);
    ( 406965.6, 3747805.4,      29.0,      29.0,       0.0);         ( 406975.6,
    3747805.4,      29.0,      29.0,       0.0);
    ( 406878.6, 3747807.4,      29.0,      29.0,       0.0);         ( 406871.5,
    3747804.5,      29.0,      29.0,       0.0);
    ( 406861.5, 3747794.5,      29.0,      29.0,       0.0);         ( 406858.6,
    3747787.4,      29.0,      29.0,       0.0);
    ( 406885.7, 3747810.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747810.4,      29.0,      29.0,       0.0);
    ( 406905.7, 3747810.4,      29.0,      29.0,       0.0);         ( 406915.7,
    3747810.4,      29.0,      29.0,       0.0);
    ( 406925.7, 3747810.4,      29.0,      29.0,       0.0);         ( 406935.7,
    3747810.4,      29.0,      29.0,       0.0);
    ( 406945.7, 3747810.4,      29.0,      29.0,       0.0);         ( 406955.7,
    3747810.4,      29.0,      29.0,       0.0);
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:28:23

                    PAGE  18
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

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

    ( 406965.6, 3747810.4,      29.0,      29.0,       0.0);         ( 406975.6,
    3747810.4,      29.0,      29.0,       0.0);
    ( 406877.4, 3747811.9,      29.0,      29.0,       0.0);         ( 406869.2,
    3747808.5,      29.0,      29.0,       0.0);
    ( 406857.5, 3747796.9,      29.0,      29.0,       0.0);         ( 406854.1,
    3747788.6,      29.0,      29.0,       0.0);
    ( 406885.7, 3747815.4,      29.0,      29.0,       0.0);         ( 406895.7,
    3747815.4,      29.0,      29.0,       0.0);
    ( 406905.7, 3747815.4,      29.0,      29.0,       0.0);         ( 406915.7,
    3747815.4,      29.0,      29.0,       0.0);
    ( 406925.7, 3747815.4,      29.0,      29.0,       0.0);         ( 406935.7,
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(406965.6, 3747815.4,   29.0,   29.0,   0.0);   (406975.6,
3747815.4,   29.0,   29.0,   0.0);
(406878.6, 3747817.4,   29.0,   29.0,   0.0);   (406871.5,
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(406864.5, 3747811.6,   29.0,   29.0,   0.0);   (406854.5,
3747801.6,   29.0,   29.0,   0.0);
(406851.5, 3747794.5,   29.0,   29.0,   0.0);   (406848.6,
3747787.4,   29.0,   29.0,   0.0);
(406885.7, 3747820.4,   29.0,   29.0,   0.0);   (406895.7,
3747820.4,   29.0,   29.0,   0.0);
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(406925.7, 3747820.4,   29.0,   29.0,   0.0);   (406935.7,
3747820.4,   29.0,   29.0,   0.0);
(406945.7, 3747820.4,   29.0,   29.0,   0.0);   (406955.7,
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(406965.6, 3747820.4,   29.0,   29.0,   0.0);   (406975.6,
3747820.4,   29.0,   29.0,   0.0);
(406877.7, 3747822.1,   29.0,   29.0,   0.0);   (406869.8,
3747818.8,   29.0,   29.0,   0.0);
(406861.8, 3747815.5,   29.0,   29.0,   0.0);   (406850.6,
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(406877.9, 3747832.1,   29.0,   29.0,   0.0);   (406870.1,
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(406862.3, 3747825.7,   29.0,   29.0,   0.0);   (406854.6,
3747822.5,   29.0,   29.0,   0.0);
(406843.6, 3747811.5,   29.0,   29.0,   0.0);   (406840.3,
3747803.7,   29.0,   29.0,   0.0);
(406837.1, 3747795.9,   29.0,   29.0,   0.0);   (406833.9,
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(406885.7, 3747835.4,   29.0,   29.0,   0.0);   (406895.7,
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(406877.2, 3747836.9, 29.0, 29.0, 0.0); (406860.2,
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(406829.2, 3747788.9, 29.0, 29.0, 0.0); (406885.7,
3747840.4, 29.0, 29.0, 0.0);

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

(406895.7, 3747840.4, 29.0, 29.0, 0.0); (406905.7,
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(406935.7, 3747840.4, 29.0, 29.0, 0.0); (406945.7,
3747840.4, 29.0, 29.0, 0.0);
(406955.7, 3747840.4, 29.0, 29.0, 0.0); (406965.6,
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(406975.6, 3747840.4, 29.0, 29.0, 0.0); (406876.5,
3747841.6, 29.0, 29.0, 0.0);
(406867.3, 3747837.8, 29.0, 29.0, 0.0); (406858.1,
3747833.9, 29.0, 29.0, 0.0);
(406848.9, 3747830.1, 29.0, 29.0, 0.0); (406835.9,
3747817.1, 29.0, 29.0, 0.0);
(406832.1, 3747807.9, 29.0, 29.0, 0.0); (406828.3,
3747798.8, 29.0, 29.0, 0.0);
(406824.5, 3747789.6, 29.0, 29.0, 0.0); (406885.7,
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(406895.7, 3747845.4, 29.0, 29.0, 0.0); (406905.7,
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(406915.7, 3747845.4, 29.0, 29.0, 0.0); (406925.7,
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(406935.7, 3747845.4, 29.0, 29.0, 0.0); (406945.7,
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(406955.7, 3747845.4, 29.0, 29.0, 0.0); (406965.6,
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(406975.6, 3747845.4, 29.0, 29.0, 0.0); (406877.4,
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(406869.2, 3747843.5, 29.0, 29.0, 0.0); (406860.9,
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(406852.7, 3747836.7, 29.0, 29.0, 0.0); (406844.4,
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(406832.8, 3747821.6, 29.0, 29.0, 0.0); (406829.3,
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(406825.9, 3747805.1, 29.0, 29.0, 0.0); (406822.5,
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(406868.0, 3747848.0, 29.0, 29.0, 0.0); (406859.2,
3747844.4, 29.0, 29.0, 0.0);
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(406814.3, 3747789.2, 29.0, 29.0, 0.0); (406885.7,
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(406915.7, 3747855.4, 29.0, 29.0, 0.0); (406925.7,
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3747855.4, 29.0, 29.0, 0.0);
(406955.7, 3747855.4, 29.0, 29.0, 0.0); (406965.6,
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(406975.6, 3747855.4, 29.0, 29.0, 0.0); (406877.6,
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(406822.4, 3747820.8, 29.0, 29.0, 0.0); (406819.1,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(406804.2, 3747789.0,   29.0,   29.0,   0.0);   (406885.7,
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(406840.2, 3747851.5,   29.0,   29.0,   0.0);   (406831.1,
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(406818.3, 3747834.9,   29.0,   29.0,   0.0);   (406814.5,
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3747870.4,   29.0,   29.0,   0.0);
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(406826.9, 3747851.0,   29.0,   29.0,   0.0);   (406815.0,
3747839.1,   29.0,   29.0,   0.0);
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(406797.6, 3747797.2,   29.0,   29.0,   0.0);   (406794.2,
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(406885.7, 3747875.4,   29.0,   29.0,   0.0);   (406895.7,
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(406905.7, 3747875.4,   29.0,   29.0,   0.0);   (406915.7,
3747875.4,   29.0,   29.0,   0.0);
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(406945.7, 3747875.4,   29.0,   29.0,   0.0);   (406955.7,
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(406876.8, 3747876.7,   29.0,   29.0,   0.0);   (406868.0,
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3747842.2, 29.0, 29.0, 0.0);
(406807.6, 3747833.4, 29.0, 29.0, 0.0); (406804.0,
3747824.6, 29.0, 29.0, 0.0);
(406800.3, 3747815.7, 29.0, 29.0, 0.0); (406796.7,
3747806.9, 29.0, 29.0, 0.0);
(406793.0, 3747798.0, 29.0, 29.0, 0.0); (406789.3,
3747789.2, 29.0, 29.0, 0.0);
(406885.7, 3747880.4, 29.0, 29.0, 0.0); (406895.7,
3747880.4, 29.0, 29.0, 0.0);
(406905.7, 3747880.4, 29.0, 29.0, 0.0); (406915.7,
3747880.4, 29.0, 29.0, 0.0);
(406925.7, 3747880.4, 29.0, 29.0, 0.0); (406935.7,
3747880.4, 29.0, 29.0, 0.0);
(406945.7, 3747880.4, 29.0, 29.0, 0.0); (406955.7,
3747880.4, 29.0, 29.0, 0.0);
(406965.6, 3747880.4, 29.0, 29.0, 0.0); (406975.6,
3747880.4, 29.0, 29.0, 0.0);

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

(406885.7, 3747780.4, 29.0, 29.0, 0.0); (406975.6,
3747780.4, 29.0, 29.0, 0.0);
(406975.6, 3747690.4, 29.0, 29.0, 0.0); (406885.7,
3747690.4, 29.0, 29.0, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20

```
 233.   10.1  302.0    2.0
 12 01 01   1 16   33.3  0.243  1.125  0.005 1548.  288.    -39.2  0.26   2.61   0.33    1.91
 229.   10.1  298.1    2.0
 12 01 01   1 17   -9.1  0.141 -9.000 -9.000 -999.  132.     28.3  0.26   2.61   0.60    1.37
 212.   10.1  294.2    2.0
 12 01 01   1 18   -4.3  0.094 -9.000 -9.000 -999.   69.     17.5  0.26   2.61   1.00    0.91
 190.   10.1  292.0    2.0
 12 01 01   1 19   -2.8  0.079 -9.000 -9.000 -999.   54.     16.3  0.26   2.61   1.00    0.70
 302.   10.1  289.2    2.0
 12 01 01   1 20   -4.0  0.091 -9.000 -9.000 -999.   65.     17.0  0.26   2.61   1.00    0.87
 338.   10.1  288.1    2.0
 12 01 01   1 21   -6.3  0.113 -9.000 -9.000 -999.   91.     20.5  0.26   2.61   1.00    1.11
 304.   10.1  287.0    2.0
 12 01 01   1 22   -3.1  0.082 -9.000 -9.000 -999.   57.     16.3  0.26   2.61   1.00    0.75
 76.   10.1  285.4    2.0
 12 01 01   1 23   -2.4  0.076 -9.000 -9.000 -999.   50.     16.7  0.26   2.61   1.00    0.62
 306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26   2.61   1.00    0.82
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:28:23

                      PAGE  24
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD
       (M)        CONC
 - - -
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3747690.39 0.00521
406988.46 3747785.66 0.00886 406980.96
3747793.17 0.00912
406990.65 3747780.35 0.00902 406990.64
3747770.36 0.01000
406990.63 3747760.36 0.01075 406990.62
3747750.36 0.01105
406990.61 3747740.37 0.01071 406990.60
3747730.37 0.00971
406990.59 3747720.37 0.00832 406990.58
3747710.38 0.00694
406990.57 3747700.38 0.00572 406990.56
3747690.38 0.00467
406992.72 3747787.43 0.00795 406982.72
3747797.44 0.00827
406995.65 3747780.35 0.00805 406995.64
3747770.35 0.00876
406995.63 3747760.36 0.00925 406995.62
3747750.36 0.00937
406995.61 3747740.36 0.00901 406995.60
3747730.37 0.00819
406995.59 3747720.37 0.00711 406995.58
3747710.37 0.00603
406995.57 3747700.38 0.00505 406995.56
3747690.38 0.00420
406996.99 3747789.19 0.00715 406984.49
3747801.70 0.00753
407000.65 3747780.34 0.00719 407000.64
3747770.35 0.00769
407000.63 3747760.35 0.00800 407000.62
3747750.35 0.00800
407000.61 3747740.36 0.00764 407000.60
3747730.36 0.00697
407000.59 3747720.36 0.00613 407000.58
3747710.37 0.00527
407000.57 3747700.37 0.00448 407000.56
3747690.37 0.00378
407002.72 3747787.42 0.00648 406999.80
3747794.50 0.00641
406989.80 3747804.51 0.00669 406982.72
3747807.44 0.00705
407005.65 3747780.34 0.00642 407005.64
3747770.34 0.00677
407005.63 3747760.35 0.00694 407005.62
3747750.35 0.00688
407005.61 3747740.35 0.00654 407005.60
3747730.36 0.00599
407005.59 3747720.36 0.00532 407005.58
3747710.36 0.00463
407005.57 3747700.37 0.00399 407005.56
3747690.37 0.00341
407007.24 3747788.59 0.00585 407003.82
3747796.85 0.00581
406992.16 3747808.53 0.00612 406983.90
3747811.95 0.00647
407010.65 3747780.33 0.00574 407010.64
3747770.34 0.00598
407010.63 3747760.34 0.00606 407010.62
3747750.34 0.00595
407010.61 3747740.35 0.00565 407010.60
3747730.35 0.00519

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407010.59	3747720.35	0.00465	407010.58	3747710.36	0.00410
407010.57	3747700.36	0.00357	407010.56	3747690.36	0.00309
407012.72	3747787.41	0.00527	407009.80	3747794.49	0.00532
407006.87	3747801.56	0.00527	406996.87	3747811.57	0.00551
406989.80	3747814.51	0.00581	406982.72	3747817.44	0.00601
407015.65	3747780.33	0.00514	407015.64	3747770.33	0.00529
407015.63	3747760.34	0.00532	407015.62	3747750.34	0.00519
407015.61	3747740.34	0.00491	407015.60	3747730.35	0.00453
407015.59	3747720.35	0.00409	407015.58	3747710.35	0.00364
407015.57	3747700.36	0.00321	407015.56	3747690.36	0.00281
407017.36	3747788.29	0.00478	407014.07	3747796.25	0.00484
407010.78	3747804.21	0.00482	406999.53	3747815.47	0.00507
406991.57	3747818.77	0.00536	406983.61	3747822.07	0.00554
407020.65	3747780.32	0.00461	407020.64	3747770.33	0.00470
407020.63	3747760.33	0.00469	407020.62	3747750.33	0.00455
407020.61	3747740.34	0.00431	407020.60	3747730.34	0.00399
407020.59	3747720.34	0.00363	407020.58	3747710.35	0.00326
407020.57	3747700.35	0.00290	407020.56	3747690.35	0.00256
407021.99	3747789.17	0.00434	407018.34	3747798.01	0.00443
407014.68	3747806.86	0.00442	407002.18	3747819.37	0.00468
406993.34	3747823.04	0.00496	406984.49	3747826.70	0.00513
407025.65	3747780.32	0.00414	407025.64	3747770.32	0.00419
407025.63	3747760.33	0.00415	407025.62	3747750.33	0.00402
407025.61	3747740.33	0.00380	407025.60	3747730.34	0.00353
407025.59	3747720.34	0.00323	407025.58	3747710.34	0.00293

407025.57 3747700.35 0.00263 407025.56
3747690.35 0.00234
407027.43 3747788.10 0.00391 407024.21
3747795.89 0.00403
407021.00 3747803.67 0.00407 407017.78
3747811.46 0.00406
407006.78 3747822.47 0.00427 406999.00
3747825.69 0.00451
406991.21 3747828.92 0.00468 406983.43
3747832.14 0.00476
407030.65 3747780.31 0.00373 407030.64
3747770.32 0.00375
407030.63 3747760.32 0.00370 407030.62
3747750.32 0.00357
407030.61 3747740.33 0.00338 407030.60
3747730.33 0.00315
407030.59 3747720.33 0.00290 407030.58
3747710.34 0.00264
407030.57 3747700.34 0.00239 407030.56
3747690.34 0.00214
407032.14 3747788.80 0.00356 407028.63
3747797.30 0.00369
407025.12 3747805.79 0.00375 407021.61
3747814.28 0.00374
407009.61 3747826.29 0.00396 407001.12
3747829.81 0.00419
406984.14 3747836.85 0.00442 407035.65
3747780.31 0.00337
407035.64 3747770.31 0.00337 407035.63
3747760.32 0.00331

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407035.62	3747750.32	0.00319	407035.61	3747740.32	0.00302
407035.60	3747730.33	0.00282	407035.59	3747720.33	0.00261
407035.58	3747710.33	0.00240	407035.57	3747700.34	0.00218
407035.56	3747690.34	0.00197	407036.85	3747789.51	0.00325
407033.04	3747798.71	0.00339	407029.24	3747807.91	0.00346
407025.44	3747817.11	0.00347	407012.44	3747830.12	0.00368
407003.24	3747833.93	0.00391	406994.04	3747837.75	0.00405
406984.85	3747841.56	0.00411	407040.65		

3747780.30 0.00305
407040.64 3747770.31 0.00304 407040.63
3747760.31 0.00297
407040.62 3747750.31 0.00286 407040.61
3747740.32 0.00271
407040.60 3747730.32 0.00255 407040.59
3747720.32 0.00237
407040.58 3747710.33 0.00218 407040.57
3747700.33 0.00200
407040.56 3747690.33 0.00181 407042.24
3747788.56 0.00294
407038.82 3747796.81 0.00308 407035.41
3747805.07 0.00317
407032.00 3747813.33 0.00322 407028.59
3747821.59 0.00321
407016.92 3747833.26 0.00339 407008.66
3747836.69 0.00359
407000.41 3747840.11 0.00373 406992.16
3747843.53 0.00381
406983.90 3747846.95 0.00382 407045.65
3747780.30 0.00277
407045.64 3747770.30 0.00275 407045.63
3747760.31 0.00268
407045.62 3747750.31 0.00258 407045.61
3747740.31 0.00245
407045.60 3747730.32 0.00231 407045.59
3747720.32 0.00215
407045.58 3747710.32 0.00200 407045.57
3747700.33 0.00184
407045.56 3747690.33 0.00167 407046.99
3747789.14 0.00270
407043.34 3747797.99 0.00284 407039.68
3747806.84 0.00293
407036.02 3747815.68 0.00299 407032.37
3747824.53 0.00299
407019.87 3747837.04 0.00317 407011.02
3747840.71 0.00336
407002.18 3747844.37 0.00349 406993.34
3747848.04 0.00356
406984.49 3747851.70 0.00356 407050.65
3747780.29 0.00252
407050.64 3747770.30 0.00249 407050.63
3747760.30 0.00243
407050.62 3747750.30 0.00234 407050.61
3747740.31 0.00222
407050.60 3747730.31 0.00210 407050.59
3747720.31 0.00197
407050.58 3747710.32 0.00183 407050.57
3747700.32 0.00169
407050.56 3747690.32 0.00155 407052.31
3747788.38 0.00245
407048.96 3747796.47 0.00258 407045.62
3747804.56 0.00268
407042.28 3747812.64 0.00275 407038.93
3747820.73 0.00279
407035.59 3747828.82 0.00278 407024.16
3747840.26 0.00294
407016.08 3747843.61 0.00310 407007.99
3747846.96 0.00323
406999.91 3747850.32 0.00331 406991.82
3747853.67 0.00334
406983.74 3747857.02 0.00332 407055.65
3747780.29 0.00230
407055.64 3747770.29 0.00227 407055.63
3747760.30 0.00221

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407055.62	3747750.30	0.00212	407055.61	3747740.30	0.00203
407055.60	3747730.31	0.00192	407055.59	3747720.31	0.00180
407055.58	3747710.31	0.00168	407055.57	3747700.32	0.00156
407055.56	3747690.32	0.00144	407057.10	3747788.88	0.00226
407053.55	3747797.47	0.00238	407049.99	3747806.07	0.00249
407046.44	3747814.66	0.00256	407042.89	3747823.26	0.00260
407039.34	3747831.85	0.00260	407027.19	3747844.00	0.00276
407018.60	3747847.57	0.00291	407010.01	3747851.13	0.00304
407001.42	3747854.69	0.00311	406992.83	3747858.25	0.00313
406984.24	3747861.81	0.00310	407060.65	3747780.28	0.00211
407060.64	3747770.29	0.00207	407060.63	3747760.29	0.00201
407060.62	3747750.29	0.00194	407060.61	3747740.30	0.00185
407060.60	3747730.30	0.00176	407060.59	3747720.30	0.00166
407060.58	3747710.31	0.00155	407060.57	3747700.31	0.00145
407060.56	3747690.31	0.00134	407061.89	3747789.38	0.00208
407058.13	3747798.48	0.00221	407054.37	3747807.58	0.00231
407050.61	3747816.68	0.00239	407046.84	3747825.78	0.00243
407043.08	3747834.88	0.00244	407030.23	3747847.75	0.00259
407021.13	3747851.52	0.00274	407002.94	3747859.06	0.00293
406993.84	3747862.83	0.00294	406984.75	3747866.60	0.00290
407065.65	3747780.28	0.00193	407065.64	3747770.28	0.00190
407065.63	3747760.29	0.00184	407065.62	3747750.29	0.00178
407065.61	3747740.29	0.00170	407065.60	3747730.30	0.00162

407065.59 3747720.30 0.00153 407065.58
3747710.30 0.00144
407065.57 3747700.31 0.00134 407065.56
3747690.31 0.00125
407067.18 3747788.68 0.00190 407063.70
3747797.08 0.00202
407060.23 3747805.49 0.00212 407056.75
3747813.89 0.00220
407053.28 3747822.30 0.00225 407049.81
3747830.70 0.00228
407046.33 3747839.11 0.00228 407034.46
3747850.99 0.00242
407026.06 3747854.48 0.00255 407017.66
3747857.96 0.00266
407009.25 3747861.44 0.00274 407000.85
3747864.92 0.00277
406992.45 3747868.41 0.00276 406984.05
3747871.89 0.00271
407070.65 3747780.27 0.00178 407070.64
3747770.28 0.00174
407070.63 3747760.28 0.00169 407070.62
3747750.28 0.00163
407070.61 3747740.29 0.00156 407070.60
3747730.29 0.00149
407070.59 3747720.29 0.00141 407070.58
3747710.30 0.00133
407070.57 3747700.30 0.00125 407070.56
3747690.30 0.00117
407071.99 3747789.12 0.00176 407068.34
3747797.96 0.00187
407064.68 3747806.81 0.00197 407061.02
3747815.66 0.00205
407057.37 3747824.50 0.00211 407053.71
3747833.35 0.00214

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407050.05	3747842.20	0.00215	407037.55	3747854.71	0.00228
407028.71	3747858.38	0.00241	407019.87	3747862.04	0.00251
407011.02	3747865.71	0.00258	406993.34	3747873.04	0.00260
406984.49	3747876.70	0.00255	407075.65	3747780.27	0.00164
407075.64	3747770.27	0.00161	407075.63	3747760.28	0.00156
407075.62	3747750.28	0.00150	407075.61		

3747740.28 0.00144
407075.60 3747730.29 0.00138 407075.59
3747720.29 0.00131
407075.58 3747710.29 0.00124 407075.57
3747700.30 0.00117
407075.56 3747690.30 0.00109 406975.56
3747685.40 0.00569
406965.57 3747685.40 0.00690 406955.59
3747685.40 0.00818
406945.60 3747685.40 0.00929 406935.61
3747685.40 0.00993
406925.63 3747685.40 0.00987 406915.64
3747685.40 0.00912
406905.65 3747685.40 0.00792 406895.67
3747685.40 0.00659
406885.68 3747685.40 0.00535 406975.56
3747680.40 0.00498
406965.57 3747680.40 0.00590 406955.59
3747680.40 0.00684
406945.60 3747680.40 0.00762 406935.61
3747680.40 0.00805
406925.63 3747680.40 0.00800 406915.64
3747680.40 0.00747
406905.65 3747680.40 0.00661 406895.67
3747680.40 0.00563
406885.68 3747680.40 0.00468 406980.86
3747677.59 0.00422
406988.36 3747685.09 0.00437 406975.56
3747675.40 0.00436
406965.57 3747675.40 0.00507 406955.59
3747675.40 0.00576
406945.60 3747675.40 0.00632 406935.61
3747675.40 0.00662
406925.63 3747675.40 0.00658 406915.64
3747675.40 0.00619
406905.65 3747675.40 0.00557 406895.67
3747675.40 0.00483
406885.68 3747675.40 0.00409 406982.63
3747673.33 0.00370
406992.63 3747683.32 0.00387 406975.56
3747670.40 0.00382
406965.57 3747670.40 0.00437 406955.59
3747670.40 0.00489
406945.60 3747670.40 0.00530 406935.61
3747670.40 0.00551
406925.63 3747670.40 0.00547 406915.64
3747670.40 0.00519
406905.65 3747670.40 0.00473 406895.67
3747670.40 0.00417
406885.68 3747670.40 0.00359 406984.39
3747669.06 0.00326
406996.89 3747681.54 0.00345 406975.56
3747665.40 0.00337
406965.57 3747665.40 0.00379 406955.59
3747665.40 0.00419
406945.60 3747665.40 0.00449 406935.61
3747665.40 0.00464
406925.63 3747665.40 0.00461 406915.64
3747665.40 0.00440
406905.65 3747665.40 0.00405 406895.67
3747665.40 0.00362
406885.68 3747665.40 0.00316 406982.63
3747663.33 0.00292
406989.70 3747666.25 0.00283 406999.70
3747676.24 0.00296
407002.63 3747683.31 0.00320 406975.56

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406945.60	3747660.40	0.00384	406935.61	3747660.40	0.00395
406925.63	3747660.40	0.00392	406915.64	3747660.40	0.00376
406905.65	3747660.40	0.00349	406895.67	3747660.40	0.00315
406885.68	3747660.40	0.00280	406983.81	3747658.81	0.00260
406992.05	3747662.23	0.00252	407003.72	3747673.88	0.00266
407007.14	3747682.12	0.00289	406975.56	3747655.40	0.00264
406965.57	3747655.40	0.00290	406955.59	3747655.40	0.00314
406945.60	3747655.40	0.00331	406935.61	3747655.40	0.00339
406925.63	3747655.40	0.00337	406915.64	3747655.40	0.00324
406905.65	3747655.40	0.00303	406895.67	3747655.40	0.00277
406885.68	3747655.40	0.00248	406982.63	3747653.33	0.00234
406989.70	3747656.25	0.00230	406996.76	3747659.18	0.00223
407006.76	3747669.17	0.00233	407009.70	3747676.23	0.00251
407012.63	3747683.30	0.00267	406975.56	3747650.40	0.00235
406965.57	3747650.40	0.00256	406955.59	3747650.40	0.00274
406945.60	3747650.40	0.00288	406935.61	3747650.40	0.00294
406925.63	3747650.40	0.00292	406915.64	3747650.40	0.00282
406905.65	3747650.40	0.00265	406895.67	3747650.40	0.00244
406885.68	3747650.40	0.00221	406983.51	3747648.69	0.00210
406991.46	3747651.98	0.00206	406999.41	3747655.27	0.00200
407010.66	3747666.51	0.00211	407013.96	3747674.46	0.00228

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        407017.26    3747682.41        0.00243                      406975.56
        3747645.40         0.00210
        406965.57    3747645.40        0.00227                      406955.59
        3747645.40         0.00242
        406945.60    3747645.40        0.00252                      406935.61
        3747645.40         0.00257
        406925.63    3747645.40        0.00255                      406915.64
        3747645.40         0.00247
        406905.65    3747645.40        0.00234                      406895.67
        3747645.40         0.00217
        406885.68    3747645.40        0.00198                      406984.39
        3747644.06         0.00189
        406993.23    3747647.71        0.00186                      407002.06
        3747651.37         0.00181
        407014.56    3747663.86        0.00191                      407018.23
        3747672.69         0.00207
        407021.89    3747681.52        0.00222                      406975.56
        3747640.40         0.00188
        406965.57    3747640.40        0.00202                      406955.59
        3747640.40         0.00214
        406945.60    3747640.40        0.00222                      406935.61
        3747640.40         0.00226
        406925.63    3747640.40        0.00224                      406915.64
        3747640.40         0.00218
        406905.65    3747640.40        0.00207                      406895.67
        3747640.40         0.00193
        406885.68    3747640.40        0.00178                      406983.33
        3747638.62         0.00171
        406991.11    3747641.84        0.00170                      406998.88
        3747645.05         0.00167
        407006.66    3747648.27        0.00163                      407017.66
        3747659.26         0.00170
        407020.88    3747667.03        0.00183                      407024.11
        3747674.80         0.00195
        407027.33    3747682.57        0.00206                      406975.56
        3747635.40         0.00170
        406965.57    3747635.40        0.00181                      406955.59
        3747635.40         0.00190
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:28:23

                    PAGE  30
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     VOL1        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
      (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        406945.60    3747635.40        0.00197                      406935.61
        3747635.40         0.00200
        406925.63    3747635.40        0.00198                      406915.64
        3747635.40         0.00193
        406905.65    3747635.40        0.00184                      406895.67
        3747635.40         0.00173
        406885.68    3747635.40        0.00160                      406984.04
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3747633.91 0.00155
407001.00 3747640.93 0.00152 407009.48
3747644.44 0.00148
407021.48 3747656.43 0.00156 407025.00
3747664.91 0.00168
407028.52 3747673.38 0.00179 407032.04
3747681.86 0.00189
406975.56 3747630.40 0.00153 406965.57
3747630.40 0.00163
406955.59 3747630.40 0.00170 406945.60
3747630.40 0.00175
406935.61 3747630.40 0.00178 406925.63
3747630.40 0.00177
406915.64 3747630.40 0.00172 406905.65
3747630.40 0.00165
406895.67 3747630.40 0.00156 406885.68
3747630.40 0.00145
406984.75 3747629.20 0.00141 406993.94
3747633.01 0.00141
407003.12 3747636.81 0.00139 407012.31
3747640.61 0.00135
407025.31 3747653.60 0.00143 407029.12
3747662.78 0.00154
407032.94 3747671.97 0.00165 407036.75
3747681.15 0.00174
406975.56 3747625.40 0.00139 406965.57
3747625.40 0.00147
406955.59 3747625.40 0.00153 406945.60
3747625.40 0.00157
406935.61 3747625.40 0.00159 406925.63
3747625.40 0.00158
406915.64 3747625.40 0.00154 406905.65
3747625.40 0.00148
406895.67 3747625.40 0.00141 406885.68
3747625.40 0.00132
406983.81 3747623.81 0.00128 406992.05
3747627.23 0.00129
407000.30 3747630.64 0.00128 407008.54
3747634.05 0.00126
407016.79 3747637.46 0.00123 407028.45
3747649.12 0.00129
407031.88 3747657.36 0.00139 407035.30
3747665.60 0.00148
407038.72 3747673.85 0.00156 407042.14
3747682.09 0.00162
406975.56 3747620.40 0.00126 406965.57
3747620.40 0.00133
406955.59 3747620.40 0.00138 406945.60
3747620.40 0.00141
406935.61 3747620.40 0.00143 406925.63
3747620.40 0.00142
406915.64 3747620.40 0.00139 406905.65
3747620.40 0.00134
406895.67 3747620.40 0.00127 406885.68
3747620.40 0.00120
406984.39 3747619.06 0.00117 406993.23
3747622.71 0.00118
407002.06 3747626.37 0.00117 407010.90
3747630.03 0.00116
407019.73 3747633.68 0.00113 407032.23
3747646.17 0.00119
407035.90 3747655.00 0.00128 407039.56
3747663.83 0.00137
407043.23 3747672.66 0.00144 407046.89
3747681.49 0.00150
406975.56 3747615.40 0.00115 406965.57

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406895.67	3747615.40	0.00116	406885.68	3747615.40	0.00109
406983.64	3747613.74	0.00107	406991.71	3747617.09	0.00108
406999.79	3747620.43	0.00108	407007.87	3747623.77	0.00108
407015.95	3747627.12	0.00106	407024.02	3747630.46	0.00104
407035.45	3747641.88	0.00109	407038.80	3747649.95	0.00116
407042.15	3747658.02	0.00123	407045.51	3747666.10	0.00130
407048.86	3747674.17	0.00136	407052.21	3747682.25	0.00140
406975.56	3747610.40	0.00106	406965.57	3747610.40	0.00110
406955.59	3747610.40	0.00114	406945.60	3747610.40	0.00116
406935.61	3747610.40	0.00117	406925.63	3747610.40	0.00116
406915.64	3747610.40	0.00114	406905.65	3747610.40	0.00110
406895.67	3747610.40	0.00106	406885.68	3747610.40	0.00100
406984.14	3747608.95	0.00099	406992.72	3747612.50	0.00100
407001.31	3747616.06	0.00100	407009.89	3747619.61	0.00099
407018.47	3747623.16	0.00098	407027.05	3747626.71	0.00096
407039.19	3747638.84	0.00100	407042.76	3747647.42	0.00108
407046.32	3747656.00	0.00115	407049.88	3747664.58	0.00121
407053.44	3747673.16	0.00126	407057.00	3747681.74	0.00131
406975.56	3747605.40	0.00097	406965.57	3747605.40	0.00101

406955.59 3747605.40 0.00104 406945.60
3747605.40 0.00106
406935.61 3747605.40 0.00106 406925.63
3747605.40 0.00106
406915.64 3747605.40 0.00104 406905.65
3747605.40 0.00101
406895.67 3747605.40 0.00097 406885.68
3747605.40 0.00092
406984.65 3747604.16 0.00091 406993.73
3747607.92 0.00092
407002.82 3747611.68 0.00092 407020.99
3747619.21 0.00091
407030.08 3747622.97 0.00089 407042.94
3747635.81 0.00093
407046.71 3747644.89 0.00100 407050.48
3747653.98 0.00107
407054.25 3747663.06 0.00113 407058.02
3747672.14 0.00118
407061.79 3747681.23 0.00122 406975.56
3747600.40 0.00089
406965.57 3747600.40 0.00092 406955.59
3747600.40 0.00095
406945.60 3747600.40 0.00096 406935.61
3747600.40 0.00097
406925.63 3747600.40 0.00097 406915.64
3747600.40 0.00095
406905.65 3747600.40 0.00092 406895.67
3747600.40 0.00089
406885.68 3747600.40 0.00085 406983.95
3747598.87 0.00084
406992.35 3747602.35 0.00085 407000.74
3747605.82 0.00086
407009.13 3747609.30 0.00086 407017.52
3747612.77 0.00085
407025.92 3747616.24 0.00084 407034.31
3747619.72 0.00082
407046.18 3747631.58 0.00086 407049.67
3747639.97 0.00092
407053.15 3747648.36 0.00097 407056.63
3747656.75 0.00103
407060.11 3747665.14 0.00107 407063.60
3747673.53 0.00111

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407067.08	3747681.92	0.00114	406975.56	3747595.40	0.00082
406965.57	3747595.40	0.00085	406955.59		

3747595.40	0.00087		
406945.60	3747595.40	0.00088	406935.61
3747595.40	0.00089		
406925.63	3747595.40	0.00088	406915.64
3747595.40	0.00087		
406905.65	3747595.40	0.00085	406895.67
3747595.40	0.00082		
406885.68	3747595.40	0.00078	406984.39
3747594.06	0.00078		
406993.23	3747597.71	0.00079	407002.06
3747601.37	0.00079		
407010.90	3747605.03	0.00079	407019.73
3747608.68	0.00079		
407028.57	3747612.34	0.00078	407037.40
3747616.00	0.00076		
407049.90	3747628.48	0.00080	407053.57
3747637.32	0.00086		
407057.23	3747646.15	0.00091	407060.90
3747654.98	0.00096		
407064.56	3747663.81	0.00100	407068.23
3747672.64	0.00104		
407071.89	3747681.47	0.00107	406975.56
3747590.40	0.00076		
406965.57	3747590.40	0.00078	406955.59
3747590.40	0.00080		
406945.60	3747590.40	0.00081	406935.61
3747590.40	0.00082		
406925.63	3747590.40	0.00081	406915.64
3747590.40	0.00080		
406905.65	3747590.40	0.00078	406895.67
3747590.40	0.00075		
406885.68	3747590.40	0.00072	406880.68
3747690.40	0.00544		
406880.68	3747700.40	0.00688	406880.68
3747710.39	0.00848		
406880.68	3747720.39	0.00995	406880.68
3747730.39	0.01089		
406880.68	3747740.38	0.01099	406880.68
3747750.38	0.01025		
406880.68	3747760.38	0.00897	406880.68
3747770.37	0.00756		
406880.68	3747780.37	0.00625	406875.68
3747690.40	0.00483		
406875.68	3747700.40	0.00597	406875.68
3747710.39	0.00718		
406875.68	3747720.39	0.00826	406875.68
3747730.39	0.00894		
406875.68	3747740.38	0.00901	406875.68
3747750.38	0.00849		
406875.68	3747760.38	0.00755	406875.68
3747770.37	0.00647		
406875.68	3747780.37	0.00543	406872.88
3747685.10	0.00404		
406880.38	3747677.60	0.00394	406870.68
3747690.40	0.00430		
406870.68	3747700.40	0.00521	406870.68
3747710.39	0.00614		
406870.68	3747720.39	0.00694	406870.68
3747730.39	0.00744		
406870.68	3747740.38	0.00750	406870.68
3747750.38	0.00711		
406870.68	3747760.38	0.00642	406870.68
3747770.37	0.00558		
406870.68	3747780.37	0.00475	406868.61
3747683.33	0.00356		
406878.61	3747673.33	0.00344	406865.68

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406876.84	3747669.06	0.00303	406860.68	3747690.40	0.00343
406860.68	3747700.40	0.00402	406860.68	3747710.39	0.00459
406860.68	3747720.39	0.00506	406860.68	3747730.39	0.00534
406860.68	3747740.38	0.00537	406860.68	3747750.38	0.00516
406860.68	3747760.38	0.00475	406860.68	3747770.37	0.00424
406860.68	3747780.37	0.00370	406858.61	3747683.33	0.00291
406861.54	3747676.26	0.00270	406871.54	3747666.26	0.00262
406878.61	3747663.33	0.00272	406855.68	3747690.40	0.00307
406855.68	3747700.40	0.00356	406855.68	3747710.39	0.00401
406855.68	3747720.39	0.00438	406855.68	3747730.39	0.00460
406855.68	3747740.38	0.00462	406855.68	3747750.38	0.00446
406855.68	3747760.38	0.00414	406855.68	3747770.37	0.00373
406855.68	3747780.37	0.00329	406854.10	3747682.15	0.00261
406857.51	3747673.90	0.00241	406869.18	3747662.23	0.00232
406877.43	3747658.82	0.00242	406850.68	3747690.40	0.00277
406850.68	3747700.40	0.00316	406850.68	3747710.39	0.00353
406850.68	3747720.39	0.00382	406850.68	3747730.39	0.00399

406850.68 3747740.38 0.00401 406850.68
3747750.38 0.00388
406850.68 3747760.38 0.00363 406850.68
3747770.37 0.00330
406850.68 3747780.37 0.00294 406848.61
3747683.33 0.00239
406851.54 3747676.26 0.00226 406854.47
3747669.19 0.00211
406864.47 3747659.19 0.00204 406871.54
3747656.26 0.00212
406878.61 3747653.33 0.00218 406845.68
3747690.40 0.00250
406845.68 3747700.40 0.00283 406845.68
3747710.39 0.00312
406845.68 3747720.39 0.00336 406845.68
3747730.39 0.00349
406845.68 3747740.38 0.00351 406845.68
3747750.38 0.00341
406845.68 3747760.38 0.00321 406845.68
3747770.37 0.00294
406845.68 3747780.37 0.00264 406843.98
3747682.45 0.00217
406847.27 3747674.49 0.00204 406850.57
3747666.54 0.00190
406861.82 3747655.29 0.00183 406869.77
3747651.99 0.00190
406877.73 3747648.70 0.00195 406840.68
3747690.40 0.00226
406840.68 3747700.40 0.00254 406840.68
3747710.39 0.00278
406840.68 3747720.39 0.00297 406840.68
3747730.39 0.00308
406840.68 3747740.38 0.00309 406840.68
3747750.38 0.00301
406840.68 3747760.38 0.00285 406840.68
3747770.37 0.00263
406840.68 3747780.37 0.00238 406839.34
3747681.56 0.00197
406843.00 3747672.72 0.00185 406846.66
3747663.88 0.00171
406859.16 3747651.38 0.00165 406868.00
3747647.72 0.00171
406876.84 3747644.06 0.00176 406835.68
3747690.40 0.00206
406835.68 3747700.40 0.00229 406835.68
3747710.39 0.00249

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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406835.68 3747720.39 0.00264 406835.68
3747730.39 0.00273
406835.68 3747740.38 0.00275 406835.68
3747750.38 0.00268
406835.68 3747760.38 0.00255 406835.68
3747770.37 0.00237
406835.68 3747780.37 0.00216 406833.90
3747682.62 0.00182
406837.12 3747674.84 0.00173 406840.35
3747667.07 0.00164
406843.57 3747659.29 0.00153 406854.57
3747648.29 0.00147
406862.35 3747645.07 0.00153 406870.12
3747641.84 0.00157
406877.90 3747638.62 0.00159 406830.68
3747690.40 0.00188
406830.68 3747700.40 0.00207 406830.68
3747710.39 0.00224
406830.68 3747720.39 0.00237 406830.68
3747730.39 0.00244
406830.68 3747740.38 0.00245 406830.68
3747750.38 0.00240
406830.68 3747760.38 0.00229 406830.68
3747770.37 0.00214
406830.68 3747780.37 0.00196 406829.19
3747681.91 0.00166
406832.71 3747673.43 0.00159 406836.22
3747664.94 0.00149
406839.74 3747656.46 0.00139 406851.74
3747644.46 0.00134
406860.22 3747640.94 0.00139 406877.19
3747633.91 0.00144
406825.68 3747690.40 0.00172 406825.68
3747700.40 0.00188
406825.68 3747710.39 0.00202 406825.68
3747720.39 0.00213
406825.68 3747730.39 0.00219 406825.68
3747740.38 0.00220
406825.68 3747750.38 0.00215 406825.68
3747760.38 0.00206
406825.68 3747770.37 0.00194 406825.68
3747780.37 0.00179
406824.49 3747681.21 0.00153 406828.30
3747672.02 0.00146
406832.10 3747662.82 0.00137 406835.91
3747653.63 0.00127
406848.91 3747640.63 0.00122 406858.10
3747636.82 0.00126
406867.30 3747633.02 0.00130 406876.49
3747629.21 0.00131
406820.68 3747690.40 0.00157 406820.68
3747700.40 0.00171
406820.68 3747710.39 0.00184 406820.68
3747720.39 0.00193
406820.68 3747730.39 0.00198 406820.68
3747740.38 0.00198
406820.68 3747750.38 0.00195 406820.68
3747760.38 0.00187
406820.68 3747770.37 0.00176 406820.68
3747780.37 0.00164
406819.10 3747682.15 0.00141 406822.51
3747673.90 0.00136
406825.93 3747665.65 0.00130 406829.35
3747657.40 0.00122
406832.77 3747649.15 0.00114 406844.43

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406814.34	3747681.56	0.00131	406818.00	3747672.72	0.00126
406821.66	3747663.88	0.00120	406825.32	3747655.04	0.00113
406828.99	3747646.21	0.00105	406841.49	3747633.71	0.00101
406850.32	3747630.04	0.00105	406859.16	3747626.38	0.00107
406868.00	3747622.72	0.00109	406876.84	3747619.06	0.00110
406810.68	3747690.40	0.00133	406810.68	3747700.40	0.00144
406810.68	3747710.39	0.00153	406810.68	3747720.39	0.00159
406810.68	3747730.39	0.00163	406810.68	3747740.38	0.00164
406810.68	3747750.38	0.00161	406810.68	3747760.38	0.00155
406810.68	3747770.37	0.00148	406810.68	3747780.37	0.00138
406809.03	3747682.32	0.00121	406812.37	3747674.24	0.00118
406815.72	3747666.16	0.00113	406819.07	3747658.08	0.00108
406822.42	3747649.99	0.00102	406825.76	3747641.91	0.00095
406837.19	3747630.48	0.00092	406845.27	3747627.14	0.00095
406853.36	3747623.79	0.00098	406861.44	3747620.44	0.00100
406869.18	3747627.23	0.00119	406877.43	3747623.82	0.00120
406815.68	3747690.40	0.00145	406815.68	3747700.40	0.00157
406815.68	3747710.39	0.00167	406815.68	3747720.39	0.00175
406815.68	3747730.39	0.00179	406815.68	3747740.38	0.00180
406815.68	3747750.38	0.00177	406815.68	3747760.38	0.00170
406815.68	3747770.37	0.00161	406815.68	3747780.37	0.00150
406852.68	3747634.07	0.00114	406860.93	3747630.65	0.00117

406869.52 3747617.09 0.00101 406877.60
3747613.75 0.00101
406805.68 3747690.40 0.00123 406805.68
3747700.40 0.00133
406805.68 3747710.39 0.00140 406805.68
3747720.39 0.00146
406805.68 3747730.39 0.00149 406805.68
3747740.38 0.00149
406805.68 3747750.38 0.00147 406805.68
3747760.38 0.00142
406805.68 3747770.37 0.00136 406805.68
3747780.37 0.00128
406804.24 3747681.81 0.00113 406807.79
3747673.23 0.00109
406811.35 3747664.64 0.00105 406814.91
3747656.05 0.00100
406818.46 3747647.47 0.00094 406822.02
3747638.88 0.00088
406834.16 3747626.74 0.00085 406842.75
3747623.18 0.00088
406859.92 3747616.07 0.00092 406868.51
3747612.51 0.00093
406877.09 3747608.96 0.00093 406800.68
3747690.40 0.00114
406800.68 3747700.40 0.00122 406800.68
3747710.39 0.00129
406800.68 3747720.39 0.00134 406800.68
3747730.39 0.00137
406800.68 3747740.38 0.00137 406800.68
3747750.38 0.00135
406800.68 3747760.38 0.00131 406800.68
3747770.37 0.00125
406800.68 3747780.37 0.00118 406799.45
3747681.31 0.00105
406803.21 3747672.22 0.00102 406806.98
3747663.13 0.00098
406810.74 3747654.03 0.00093 406814.51
3747644.94 0.00087
406818.27 3747635.85 0.00081 406831.13
3747622.99 0.00079
406840.22 3747619.23 0.00081 406849.31
3747615.46 0.00083
406858.41 3747611.70 0.00085 406867.50
3747607.93 0.00086
406876.59 3747604.17 0.00086 406795.68
3747690.40 0.00106
406795.68 3747700.40 0.00113 406795.68
3747710.39 0.00119
406795.68 3747720.39 0.00123 406795.68
3747730.39 0.00126

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406795.68	3747740.38	0.00126	406795.68	3747750.38	0.00124
406795.68	3747760.38	0.00121	406795.68	3747770.37	0.00116
406795.68	3747780.37	0.00109	406794.16	3747682.00	0.00098
406797.64	3747673.61	0.00095	406801.11	3747665.21	0.00092
406804.59	3747656.81	0.00089	406808.07	3747648.42	0.00084
406811.55	3747640.02	0.00080	406815.03	3747631.62	0.00075
406826.90	3747619.75	0.00072	406835.30	3747616.27	0.00075
406843.70	3747612.79	0.00076	406852.09	3747609.31	0.00078
406860.49	3747605.83	0.00079	406868.89	3747602.36	0.00079
406877.28	3747598.88	0.00079	406790.68	3747690.40	0.00099
406790.68	3747700.40	0.00105	406790.68	3747710.39	0.00110
406790.68	3747720.39	0.00114	406790.68	3747730.39	0.00116
406790.68	3747740.38	0.00116	406790.68	3747750.38	0.00115
406790.68	3747760.38	0.00112	406790.68	3747770.37	0.00107
406790.68	3747780.37	0.00102	406789.34	3747681.56	0.00091
406793.00	3747672.72	0.00089	406796.66	3747663.88	0.00086
406800.32	3747655.04	0.00083	406803.99	3747646.21	0.00079
406807.65	3747637.37	0.00074	406811.31	3747628.53	0.00069
406823.81	3747616.03	0.00067	406832.65	3747612.37	0.00069
406841.49	3747608.71	0.00071	406850.32	3747605.04	0.00072
406868.00	3747597.72	0.00073	406876.84	3747594.06	0.00073
406785.68	3747690.40	0.00092	406785.68	3747700.40	0.00098
406785.68	3747710.39	0.00102	406785.68	3747720.39	0.00105
406785.68	3747730.39	0.00107	406785.68	3747740.38	0.00107
406785.68	3747750.38	0.00106	406785.68	3747760.38	0.00103
406785.68	3747770.37	0.00100	406785.68	3747780.37	0.00095
406885.68	3747785.37	0.00651	406895.68	3747785.37	0.00874
406905.67	3747785.37	0.01161	406915.67	3747785.37	0.01459
406925.67	3747785.37	0.01685	406935.66	3747785.37	0.01781
406945.66	3747785.37	0.01737	406955.66	3747785.37	0.01582
406965.65	3747785.37	0.01371	406975.65		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406885.68	3747790.37	0.00585	406895.68	3747790.37	0.00770
406905.67	3747790.37	0.01000	406915.67	3747790.37	0.01236
406925.67	3747790.37	0.01420	406935.66	3747790.37	0.01508
406945.66	3747790.37	0.01489	406955.66	3747790.37	0.01383
406965.65	3747790.37	0.01224	406975.65	3747790.37	0.01048
406880.38	3747793.17	0.00480	406872.88	3747785.67	0.00458
406885.68	3747795.37	0.00525	406895.68	3747795.37	0.00679
406905.67	3747795.37	0.00866	406915.67	3747795.37	0.01056
406925.67	3747795.37	0.01208	406935.66	3747795.37	0.01288
406945.66	3747795.37	0.01286	406955.66	3747795.37	0.01214
406965.65	3747795.37	0.01095	406975.65	3747795.37	0.00955
406878.61	3747797.44	0.00423	406868.61	3747787.44	0.00400
406885.68	3747800.37	0.00472	406895.68	3747800.37	0.00601
406905.67	3747800.37	0.00754	406915.67	3747800.37	0.00910
406925.67	3747800.37	0.01037	406935.66	3747800.37	0.01109
406945.66	3747800.37	0.01119	406955.66	3747800.37	0.01071
406965.65	3747800.37	0.00982	406975.65	3747800.37	0.00872
406876.84	3747801.71	0.00374	406864.34	3747789.21	0.00352
406885.68	3747805.37	0.00426	406895.68	3747805.37	0.00534
406905.67	3747805.37	0.00661	406915.67	3747805.37	0.00790
406925.67	3747805.37	0.00897	406935.66	3747805.37	0.00963
406945.66	3747805.37	0.00979	406955.66	3747805.37	0.00949

406965.65 3747805.37 0.00883 406975.65
3747805.37 0.00796
406878.61 3747807.44 0.00350 406871.54
3747804.51 0.00318
406861.54 3747794.51 0.00304 406858.61
3747787.44 0.00318
406885.68 3747810.37 0.00385 406895.68
3747810.37 0.00477
406905.67 3747810.37 0.00583 406915.67
3747810.37 0.00691
406925.67 3747810.37 0.00783 406935.66
3747810.37 0.00843
406945.66 3747810.37 0.00863 406955.66
3747810.37 0.00845
406965.65 3747810.37 0.00796 406975.65
3747810.37 0.00728
406877.43 3747811.95 0.00314 406869.18
3747808.54 0.00283
406857.51 3747796.87 0.00270 406854.10
3747788.62 0.00284
406885.68 3747815.37 0.00349 406895.68
3747815.37 0.00427
406905.67 3747815.37 0.00517 406915.67
3747815.37 0.00609
406925.67 3747815.37 0.00688 406935.66
3747815.37 0.00742
406945.66 3747815.37 0.00765 406955.66
3747815.37 0.00755
406965.65 3747815.37 0.00720 406975.65
3747815.37 0.00666
406878.61 3747817.44 0.00292 406871.54
3747814.51 0.00268
406864.47 3747811.58 0.00246 406854.47
3747801.58 0.00238
406851.54 3747794.51 0.00249 406848.61
3747787.44 0.00258
406885.68 3747820.37 0.00318 406895.68
3747820.37 0.00385
406905.67 3747820.37 0.00462 406915.67
3747820.37 0.00540
406925.67 3747820.37 0.00608 406935.66
3747820.37 0.00657
406945.66 3747820.37 0.00681 406955.66
3747820.37 0.00678
406965.65 3747820.37 0.00653 406975.65
3747820.37 0.00611
406877.73 3747822.07 0.00265 406869.77
3747818.78 0.00242
406861.82 3747815.48 0.00221 406850.57
3747804.23 0.00214
406847.27 3747796.28 0.00224 406843.98
3747788.32 0.00233
406885.68 3747825.37 0.00290 406895.68
3747825.37 0.00348

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406905.67	3747825.37	0.00414	406915.67	3747825.37	0.00482
406925.67	3747825.37	0.00541	406935.66	3747825.37	0.00586
406945.66	3747825.37	0.00609	406955.66	3747825.37	0.00611
406965.65	3747825.37	0.00594	406975.65	3747825.37	0.00561
406876.84	3747826.71	0.00241	406868.00	3747823.05	0.00219
406859.16	3747819.39	0.00199	406846.66	3747806.89	0.00193
406843.00	3747798.05	0.00203	406839.34	3747789.21	0.00211
406885.68	3747830.37	0.00266	406895.68	3747830.37	0.00317
406905.67	3747830.37	0.00374	406915.67	3747830.37	0.00432
406925.67	3747830.37	0.00484	406935.66	3747830.37	0.00525
406945.66	3747830.37	0.00548	406955.66	3747830.37	0.00553
406965.65	3747830.37	0.00541	406975.65	3747830.37	0.00516
406877.90	3747832.15	0.00225	406870.12	3747828.93	0.00208
406862.35	3747825.70	0.00192	406854.57	3747822.48	0.00177
406843.57	3747811.48	0.00172	406840.35	3747803.70	0.00180
406837.12	3747795.93	0.00187	406833.90	3747788.15	0.00193
406885.68	3747835.37	0.00244	406895.68	3747835.37	0.00289
406905.67	3747835.37	0.00339	406915.67	3747835.37	0.00389
406925.67	3747835.37	0.00436	406935.66	3747835.37	0.00472
406945.66	3747835.37	0.00495	406955.66	3747835.37	0.00502
406965.65	3747835.37	0.00495	406975.65	3747835.37	0.00475
406877.19	3747836.86	0.00207	406860.22	3747829.83	0.00175
406851.74	3747826.31	0.00161	406839.74	3747814.31	0.00157
406836.22	3747805.83	0.00164	406832.71	3747797.34	0.00171
406829.19	3747788.86	0.00176	406885.68	3747840.37	0.00225
406895.68	3747840.37	0.00264	406905.67	3747840.37	0.00308
406915.67	3747840.37	0.00352	406925.67	3747840.37	0.00394
406935.66	3747840.37	0.00427	406945.66	3747840.37	0.00448
406955.66	3747840.37	0.00457	406965.65		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406852.68	3747836.70	0.00143	406844.43	3747833.28	0.00133
406832.77	3747821.62	0.00130	406829.35	3747813.37	0.00136
406825.93	3747805.12	0.00141	406822.51	3747796.87	0.00145
406819.10	3747788.62	0.00149	406885.68	3747850.37	0.00193
406895.68	3747850.37	0.00224	406905.67	3747850.37	0.00258
406915.67	3747850.37	0.00292	406925.67	3747850.37	0.00325
406935.66	3747850.37	0.00352	406945.66	3747850.37	0.00372
406955.66	3747850.37	0.00382	406965.65	3747850.37	0.00383
406975.65	3747850.37	0.00376	406876.84	3747851.71	0.00165
406868.00	3747848.05	0.00153	406859.16	3747844.39	0.00141
406850.32	3747840.73	0.00131	406841.49	3747837.06	0.00122
406840.37	3747840.37	0.00453			
406975.65	3747840.37	0.00439	406876.49	3747841.56	0.00191
406867.30	3747837.75	0.00174	406858.10	3747833.95	0.00160
406848.91	3747830.14	0.00147	406835.91	3747817.14	0.00143
406832.10	3747807.95	0.00150	406828.30	3747798.75	0.00157
406824.49	3747789.56	0.00161	406885.68	3747845.37	0.00208
406895.68	3747845.37	0.00243	406905.67	3747845.37	0.00281
406915.67	3747845.37	0.00320	406925.67	3747845.37	0.00357
406935.66	3747845.37	0.00387	406945.66	3747845.37	0.00408
406955.66	3747845.37	0.00417	406965.65	3747845.37	0.00416
406975.65	3747845.37	0.00406	406877.43	3747846.95	0.00179
406869.18	3747843.54	0.00165	406860.93	3747840.12	0.00153

406828.99 3747824.56 0.00119 406825.32
3747815.73 0.00125
406821.66 3747806.89 0.00130 406818.00
3747798.05 0.00134
406814.34 3747789.21 0.00137 406885.68
3747855.37 0.00179
406895.68 3747855.37 0.00207 406905.67
3747855.37 0.00237
406915.67 3747855.37 0.00268 406925.67
3747855.37 0.00297
406935.66 3747855.37 0.00322 406945.66
3747855.37 0.00341
406955.66 3747855.37 0.00351 406965.65
3747855.37 0.00354
406975.65 3747855.37 0.00349 406877.60
3747857.02 0.00155
406869.52 3747853.68 0.00145 406861.44
3747850.33 0.00135
406853.36 3747846.98 0.00126 406845.27
3747843.63 0.00118
406837.19 3747840.29 0.00111 406825.76
3747828.86 0.00109
406822.42 3747820.78 0.00113 406819.07
3747812.69 0.00118
406815.72 3747804.61 0.00122 406812.37
3747796.53 0.00125
406809.03 3747788.45 0.00127 406885.68
3747860.37 0.00166
406895.68 3747860.37 0.00191 406905.67
3747860.37 0.00218
406915.67 3747860.37 0.00246 406925.67
3747860.37 0.00273
406935.66 3747860.37 0.00295 406945.66
3747860.37 0.00313
406955.66 3747860.37 0.00323 406965.65
3747860.37 0.00327
406975.65 3747860.37 0.00324 406877.09
3747861.81 0.00145
406868.51 3747858.26 0.00135 406859.92
3747854.70 0.00125
406851.33 3747851.14 0.00117 406842.75
3747847.59 0.00109
406834.16 3747844.03 0.00102 406822.02
3747831.89 0.00100
406818.46 3747823.30 0.00105 406814.91
3747814.72 0.00109
406811.35 3747806.13 0.00113 406807.79
3747797.54 0.00115
406804.24 3747788.96 0.00117 406885.68
3747865.37 0.00155
406895.68 3747865.37 0.00178 406905.67
3747865.37 0.00202
406915.67 3747865.37 0.00227 406925.67
3747865.37 0.00251
406935.66 3747865.37 0.00272 406945.66
3747865.37 0.00288
406955.66 3747865.37 0.00298 406965.65
3747865.37 0.00303

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406975.65	3747865.37	0.00301	406876.59	3747866.60	0.00135
406867.50	3747862.84	0.00125	406858.41	3747859.07	0.00117
406840.22	3747851.54	0.00101	406831.13	3747847.78	0.00095
406818.27	3747834.92	0.00093	406814.51	3747825.83	0.00097
406810.74	3747816.74	0.00101	406806.98	3747807.64	0.00105
406803.21	3747798.55	0.00107	406799.45	3747789.46	0.00109
406885.68	3747870.37	0.00145	406895.68	3747870.37	0.00165
406905.67	3747870.37	0.00187	406915.67	3747870.37	0.00210
406925.67	3747870.37	0.00231	406935.66	3747870.37	0.00250
406945.66	3747870.37	0.00266	406955.66	3747870.37	0.00276
406965.65	3747870.37	0.00281	406975.65	3747870.37	0.00281
406877.28	3747871.89	0.00127	406868.89	3747868.41	0.00119
406860.49	3747864.94	0.00112	406852.09	3747861.46	0.00105
406843.70	3747857.98	0.00098	406835.30	3747854.50	0.00093
406826.90	3747851.02	0.00087	406815.03	3747839.15	0.00086
406811.55	3747830.75	0.00089	406808.07	3747822.35	0.00093
406804.59	3747813.96	0.00096	406801.11	3747805.56	0.00098
406797.64	3747797.16	0.00100	406794.16	3747788.77	0.00101
406885.68	3747875.37	0.00136	406895.68	3747875.37	0.00154
406905.67	3747875.37	0.00174	406915.67	3747875.37	0.00194
406925.67	3747875.37	0.00214	406935.66	3747875.37	0.00232
406945.66	3747875.37	0.00246	406955.66	3747875.37	0.00256
406965.65	3747875.37	0.00261	406975.65	3747875.37	0.00262
406876.84	3747876.71	0.00119	406868.00	3747873.05	0.00112
406859.16	3747869.39	0.00104	406850.32	3747865.73	0.00098
406841.49	3747862.06	0.00092	406832.65	3747858.40	0.00086
406823.81	3747854.74	0.00081	406811.31		

3747842.24 0.00080
406807.65 3747833.40 0.00083 406803.99
3747824.56 0.00086
406800.32 3747815.73 0.00089 406796.66
3747806.89 0.00092
406793.00 3747798.05 0.00093 406789.34
3747789.21 0.00095
406885.68 3747880.37 0.00127 406895.68
3747880.37 0.00144
406905.67 3747880.37 0.00162 406915.67
3747880.37 0.00181
406925.67 3747880.37 0.00198 406935.66
3747880.37 0.00215
406945.66 3747880.37 0.00228 406955.66
3747880.37 0.00238
406965.65 3747880.37 0.00243 406975.65
3747880.37 0.00245
406885.68 3747780.37 0.00725 406975.65
3747780.37 0.01257
406975.56 3747690.40 0.00651 406885.68
3747690.40 0.00612

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406980.65	3747780.36	0.22704	(13112016)	406980.64	3747770.37	0.23663	(13112016)
406980.63	3747760.37	0.27712	(12121416)	406980.62	3747750.37	0.29917	(12121416)
406980.61	3747740.38	0.28742	(12121416)	406980.60	3747730.38	0.27015	(15122816)
406980.59	3747720.38	0.29425	(15122816)	406980.58	3747710.39	0.28639	(15122816)
406980.57	3747700.39	0.25425	(15122816)	406980.56	3747690.39	0.20956	(15122816)
406985.65	3747780.36	0.20191	(13112016)	406985.64	3747770.36	0.21905	(12121416)
406985.63	3747760.37	0.25414	(12121416)	406985.62	3747750.37	0.26809	(12121416)
406985.61	3747740.37	0.25306	(12121416)	406985.60	3747730.38	0.23382	(15122816)
406985.59	3747720.38	0.25992	(15122816)	406985.58	3747710.38	0.25930	(15122816)
406985.57	3747700.39	0.23663	(15122816)	406985.56	3747690.39	0.20078	(15122816)
406988.46	3747785.66	0.18526	(13112016)	406980.96	3747793.17	0.20629	(12113016)
406990.65	3747780.35	0.17792	(13112016)	406990.64	3747770.36	0.20564	(12121416)

406990.63 3747760.36 0.23272 (12121416) 406990.62
3747750.36 0.24035 (12121416)
406990.61 3747740.37 0.22330 (12121416) 406990.60
3747730.37 0.20812 (12122416)
406990.59 3747720.37 0.22958 (15122816) 406990.58
3747710.38 0.23428 (15122816)
406990.57 3747700.38 0.21925 (15122816) 406990.56
3747690.38 0.19108 (15122816)
406992.72 3747787.43 0.16716 (13112016) 406982.72
3747797.44 0.19315 (12113016)
406995.65 3747780.35 0.16144 (12121416) 406995.64
3747770.35 0.19253 (12121416)
406995.63 3747760.36 0.21293 (12121416) 406995.62
3747750.36 0.21577 (12121416)
406995.61 3747740.36 0.19761 (12121416) 406995.60
3747730.37 0.18638 (12122416)
406995.59 3747720.37 0.20296 (15122816) 406995.58
3747710.37 0.21143 (15122816)
406995.57 3747700.38 0.20251 (15122816) 406995.56
3747690.38 0.18090 (15122816)
406996.99 3747789.19 0.15089 (13112016) 406984.49
3747801.70 0.18112 (12113016)
407000.65 3747780.34 0.15439 (12121416) 407000.64
3747770.35 0.17984 (12121416)
407000.63 3747760.35 0.19484 (12121416) 407000.62
3747750.35 0.19405 (12121416)
407000.61 3747740.36 0.17550 (12121416) 407000.60
3747730.36 0.16779 (12122416)
407000.59 3747720.36 0.17972 (15122816) 407000.58
3747710.37 0.19074 (15122816)
407000.57 3747700.37 0.18660 (15122816) 407000.56
3747690.37 0.17050 (15122816)
407002.72 3747787.42 0.13168 (12121416) 406999.80
3747794.50 0.14051 (13112016)
406989.80 3747804.51 0.16007 (12113016) 406982.72
3747807.44 0.17936 (14120316)
407005.65 3747780.34 0.14711 (12121416) 407005.64
3747770.34 0.16777 (12121416)
407005.63 3747760.35 0.17835 (12121416) 407005.62
3747750.35 0.17491 (12121416)
407005.61 3747740.35 0.15641 (12121416) 407005.60
3747730.36 0.15180 (12122416)
407005.59 3747720.36 0.15944 (15122816) 407005.58
3747710.36 0.17212 (15122816)
407005.57 3747700.37 0.17166 (15122816) 407005.56
3747690.37 0.16015 (15122816)
407007.24 3747788.59 0.12479 (12121416) 407003.82
3747796.85 0.12835 (13112016)
406992.16 3747808.53 0.14962 (12113016) 406983.90
3747811.95 0.16893 (14120316)
407010.65 3747780.33 0.13982 (12121416) 407010.64
3747770.34 0.15634 (12121416)
407010.63 3747760.34 0.16340 (12121416) 407010.62
3747750.34 0.15802 (12121416)
407010.61 3747740.35 0.13994 (12121416) 407010.60
3747730.35 0.13798 (12122416)

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

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407010.59	3747720.35	0.14180	(15122816)	407010.58	3747710.36	0.15541	(15122816)
407010.57	3747700.36	0.15773	(15122816)	407010.56	3747690.36	0.14998	(15122816)
407012.72	3747787.41	0.12263	(12121416)	407009.80	3747794.49	0.11165	(13112016)
407006.87	3747801.56	0.11974	(13112016)	406996.87	3747811.57	0.13579	(13112016)
406989.80	3747814.51	0.15080	(12113016)	406982.72	3747817.44	0.16693	(14120316)
407015.65	3747780.33	0.13257	(12121416)	407015.64	3747770.33	0.14563	(12121416)
407015.63	3747760.34	0.14985	(12121416)	407015.62	3747750.34	0.14313	(12121416)
407015.61	3747740.34	0.12565	(12121416)	407015.60	3747730.35	0.12594	(12122416)
407015.59	3747720.35	0.12639	(15122816)	407015.58	3747710.35	0.14044	(15122816)
407015.57	3747700.36	0.14484	(15122816)	407015.56	3747690.36	0.14016	(15122816)
407017.36	3747788.29	0.11646	(12121416)	407014.07	3747796.25	0.10251	(12121416)
407010.78	3747804.21	0.11027	(13112016)	406999.53	3747815.47	0.12716	(13112016)
406991.57	3747818.77	0.14232	(12113016)	406983.61	3747822.07	0.15813	(14120316)
407020.65	3747780.32	0.12551	(12121416)	407020.64	3747770.33	0.13563	(12121416)
407020.63	3747760.33	0.13760	(12121416)	407020.62	3747750.33	0.12996	(12121416)
407020.61	3747740.34	0.11324	(12121416)	407020.60	3747730.34	0.11541	(12122416)
407020.59	3747720.34	0.11306	(12122416)	407020.58	3747710.35	0.12705	(15122816)
407020.57	3747700.35	0.13295	(15122816)	407020.56	3747690.35	0.13075	(15122816)
407021.99	3747789.17	0.11065	(12121416)	407018.34	3747798.01	0.09697	(12121416)
407014.68	3747806.86	0.10179	(13112016)	407002.18	3747819.37	0.11935	(13112016)
406993.34	3747823.04	0.13450	(12113016)	406984.49	3747826.70	0.14997	(14120316)
407025.65	3747780.32	0.11865	(12121416)	407025.64	3747770.32	0.12633	(12121416)
407025.63	3747760.33	0.12653	(12121416)	407025.62	3747750.33	0.11831	(12121416)
407025.61	3747740.33	0.10256	(12122416)	407025.60	3747730.34	0.10614	(12122416)
407025.59	3747720.34	0.10435	(12122416)	407025.58	3747710.34	0.11510	(15122816)
407025.57	3747700.35	0.12204	(15122816)	407025.56	3747690.35	0.12182	(15122816)
407027.43	3747788.10	0.10712	(12121416)	407024.21	3747795.89	0.09779	(12121416)
407021.00	3747803.67	0.08876	(12121716)	407017.78			

3747811.46 0.09571 (13112016)
407006.78 3747822.47 0.11015 (13112016) 406999.00
3747825.69 0.12130 (12113016)
406991.21 3747828.92 0.13212 (12113016) 406983.43
3747832.14 0.14652 (14120316)
407030.65 3747780.31 0.11207 (12121416) 407030.64
3747770.32 0.11769 (12121416)
407030.63 3747760.32 0.11652 (12121416) 407030.62
3747750.32 0.10796 (12121416)
407030.61 3747740.33 0.09459 (12122416) 407030.60
3747730.33 0.09793 (12122416)
407030.59 3747720.33 0.09658 (12122416) 407030.58
3747710.34 0.10441 (15122816)
407030.57 3747700.34 0.11206 (15122816) 407030.56
3747690.34 0.11339 (15122816)
407032.14 3747788.80 0.10178 (12121416) 407028.63
3747797.30 0.09296 (12121416)
407025.12 3747805.79 0.08360 (12121716) 407021.61
3747814.28 0.08893 (13112016)
407009.61 3747826.29 0.10371 (13112016) 407001.12
3747829.81 0.11478 (12113016)
406984.14 3747836.85 0.13931 (14120316) 407035.65
3747780.31 0.10577 (12121416)
407035.64 3747770.31 0.10969 (12121416) 407035.63
3747760.32 0.10746 (12121416)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407035.62	3747750.32	0.09877	(12121416)	407035.61	3747740.32	0.08751	(12122416)
407035.60	3747730.33	0.09063	(12122416)	407035.59	3747720.33	0.08964	(12122416)
407035.58	3747710.33	0.09486	(15122816)	407035.57	3747700.34	0.10294	(15122816)
407035.56	3747690.34	0.10548	(15122816)	407036.85	3747789.51	0.09673	(12121416)
407033.04	3747798.71	0.08846	(12121416)	407029.24	3747807.91	0.07884	(12121716)
407025.44	3747817.11	0.08279	(13112016)	407012.44	3747830.12	0.09782	(13112016)
407003.24	3747833.93	0.10878	(12113016)	406994.04	3747837.75	0.11878	(12113016)
406984.85	3747841.56	0.13255	(14120316)	407040.65	3747780.30	0.09978	(12121416)
407040.64	3747770.31	0.10229	(12121416)	407040.63	3747760.31	0.09924	(12121416)
407040.62	3747750.31	0.09055	(12121416)	407040.61	3747740.32	0.08119	(12122416)

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      407040.60   3747730.32        0.08411  (12122416)                407040.59
      3747720.32        0.08340  (12122416)
      407040.58   3747710.33        0.08632  (15122816)                407040.57
      3747700.33        0.09462  (15122816)
      407040.56   3747690.33        0.09809  (15122816)                407042.24
      3747788.56        0.09274  (12121416)
      407038.82   3747796.81        0.08739  (12121416)                407035.41
      3747805.07        0.07872  (12121416)
      407032.00   3747813.33        0.07431  (12121716)                407028.59
      3747821.59        0.07831  (13112016)
      407016.92   3747833.26        0.09097  (13112016)                407008.66
      3747836.69        0.09884  (12113016)
      407000.41   3747840.11        0.10878  (12113016)                406992.16
      3747843.53        0.11552  (14120316)
      406983.90   3747846.95        0.12855  (14120316)                407045.65
      3747780.30        0.09411  (12121416)
      407045.64   3747770.30        0.09545  (12121416)                407045.63
      3747760.31        0.09180  (12121416)
      407045.62   3747750.31        0.08322  (12121416)                407045.61
      3747740.31        0.07553  (12122416)
      407045.60   3747730.32        0.07826  (12122416)                407045.59
      3747720.32        0.07778  (12122416)
      407045.58   3747710.32        0.07868  (15122816)                407045.57
      3747700.33        0.08704  (15122816)
      407045.56   3747690.33        0.09120  (15122816)                407046.99
      3747789.14        0.08815  (12121416)
      407043.34   3747797.99        0.08332  (12121416)                407039.68
      3747806.84        0.07496  (12121416)
      407036.02   3747815.68        0.07039  (12121716)                407032.37
      3747824.53        0.07329  (13112016)
      407019.87   3747837.04        0.08605  (13112016)                407011.02
      3747840.71        0.09380  (12113016)
      407002.18   3747844.37        0.10349  (12113016)                406993.34
      3747848.04        0.10996  (14120316)
      406984.49   3747851.70        0.12251  (14120316)                407050.65
      3747780.29        0.08875  (12121416)
      407050.64   3747770.30        0.08914  (12121416)                407050.63
      3747760.30        0.08505  (12121416)
      407050.62   3747750.30        0.07664  (12121416)                407050.61
      3747740.31        0.07043  (12122416)
      407050.60   3747730.31        0.07299  (12122416)                407050.59
      3747720.31        0.07270  (12122416)
      407050.58   3747710.32        0.07182  (15122816)                407050.57
      3747700.32        0.08013  (15122816)
      407050.56   3747690.32        0.08479  (15122816)                407052.31
      3747788.38        0.08406  (12121416)
      407048.96   3747796.47        0.08116  (12121416)                407045.62
      3747804.56        0.07530  (12121416)
      407042.28   3747812.64        0.06718  (12121416)                407038.93
      3747820.73        0.06647  (12121716)
      407035.59   3747828.82        0.06948  (13112016)                407024.16
      3747840.26        0.08046  (13112016)
      407016.08   3747843.61        0.08606  (13112016)                407007.99
      3747846.96        0.09503  (12113016)
      406999.91   3747850.32        0.10120  (12113016)                406991.82
      3747853.67        0.10865  (14120316)
      406983.74   3747857.02        0.11817  (14120316)                407055.65
      3747780.29        0.08370  (12121416)
      407055.64   3747770.29        0.08332  (12121416)                407055.63
      3747760.30        0.07891  (12121416)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:28:23

                    PAGE  44
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407055.62	3747750.30	0.07073	(12121416)	407055.61	3747740.30	0.06584	(12122416)
407055.60	3747730.31	0.06824	(12122416)	407055.59	3747720.31	0.06810	(12122416)
407055.58	3747710.31	0.06592	(16011916)	407055.57	3747700.32	0.07384	(15122816)
407055.56	3747690.32	0.07885	(15122816)	407057.10	3747788.88	0.07989	(12121416)
407053.55	3747797.47	0.07745	(12121416)	407049.99	3747806.07	0.07194	(12121416)
407046.44	3747814.66	0.06402	(12121416)	407042.89	3747823.26	0.06317	(12121716)
407039.34	3747831.85	0.06530	(13112016)	407027.19	3747844.00	0.07632	(13112016)
407018.60	3747847.57	0.08178	(13112016)	407010.01	3747851.13	0.09058	(12113016)
407001.42	3747854.69	0.09642	(12113016)	406992.83	3747858.25	0.10370	(14120316)
406984.24	3747861.81	0.11275	(14120316)	407060.65	3747780.28	0.07895	(12121416)
407060.64	3747770.29	0.07794	(12121416)	407060.63	3747760.29	0.07332	(12121416)
407060.62	3747750.29	0.06584	(16010616)	407060.61	3747740.30	0.06168	(12122416)
407060.60	3747730.30	0.06394	(12122416)	407060.59	3747720.30	0.06392	(12122416)
407060.58	3747710.31	0.06189	(16011916)	407060.57	3747700.31	0.06811	(15122816)
407060.56	3747690.31	0.07334	(15122816)	407061.89	3747789.38	0.07596	(12121416)
407058.13	3747798.48	0.07397	(12121416)	407054.37	3747807.58	0.06879	(12121416)
407050.61	3747816.68	0.06109	(12121416)	407046.84	3747825.78	0.06012	(12121716)
407043.08	3747834.88	0.06148	(13112016)	407030.23	3747847.75	0.07249	(13112016)
407021.13	3747851.52	0.07783	(13112016)	407002.94	3747859.06	0.09196	(12113016)
406993.84	3747862.83	0.09907	(14120316)	406984.75	3747866.60	0.10764	(14120316)
407065.65	3747780.28	0.07450	(12121416)	407065.64	3747770.28	0.07298	(12121416)
407065.63	3747760.29	0.06823	(12121416)	407065.62	3747750.29	0.06185	(16010616)
407065.61	3747740.29	0.05790	(12122416)	407065.60	3747730.30	0.06002	(12122416)
407065.59	3747720.30	0.06010	(12122416)	407065.58	3747710.30	0.05819	(12122416)
407065.57	3747700.31	0.06288	(15122816)	407065.56	3747690.31	0.06824	(15122816)
407067.18	3747788.68	0.07221	(12121416)	407063.70			

3747797.08 0.07142 (12121416)
407060.23 3747805.49 0.06801 (12121416) 407056.75
3747813.89 0.06237 (12121416)
407053.28 3747822.30 0.05720 (12121716) 407049.81
3747830.70 0.05700 (12121716)
407046.33 3747839.11 0.05855 (13112016) 407034.46
3747850.99 0.06815 (13112016)
407026.06 3747854.48 0.07309 (13112016) 407017.66
3747857.96 0.07969 (12113016)
407009.25 3747861.44 0.08570 (12113016) 407000.85
3747864.92 0.08864 (12113016)
406992.45 3747868.41 0.09711 (14120316) 406984.05
3747871.89 0.10357 (14120316)
407070.65 3747780.27 0.07031 (12121416) 407070.64
3747770.28 0.06839 (12121416)
407070.63 3747760.28 0.06358 (12121416) 407070.62
3747750.28 0.05820 (16010616)
407070.61 3747740.29 0.05446 (12122416) 407070.60
3747730.29 0.05646 (12122416)
407070.59 3747720.29 0.05662 (12122416) 407070.58
3747710.30 0.05497 (12122416)
407070.57 3747700.30 0.05812 (15122816) 407070.56
3747690.30 0.06353 (15122816)
407071.99 3747789.12 0.06869 (12121416) 407068.34
3747797.96 0.06825 (12121416)
407064.68 3747806.81 0.06514 (12121416) 407061.02
3747815.66 0.05972 (12121416)
407057.37 3747824.50 0.05445 (12121716) 407053.71
3747833.35 0.05440 (12121716)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407050.05	3747842.20	0.05532	(13112016)	407037.55	3747854.71	0.06490	(13112016)
407028.71	3747858.38	0.06973	(13112016)	407019.87	3747862.04	0.07618	(12113016)
407011.02	3747865.71	0.08196	(12113016)	406993.34	3747873.04	0.09293	(14120316)
406984.49	3747876.70	0.09898	(14120316)	407075.65	3747780.27	0.06639	(12121416)
407075.64	3747770.27	0.06415	(12121416)	407075.63	3747760.28	0.05934	(12121416)
407075.62	3747750.28	0.05486	(16010616)	407075.61	3747740.28	0.05132	(12122416)
407075.60	3747730.29	0.05320	(12122416)	407075.59	3747720.29	0.05342	(12122416)
407075.58	3747710.29	0.05201	(12122416)	407075.57	3747700.30	0.05377	(15122816)

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407075.56   3747690.30        0.05918  (15122816)                406975.56
3747685.40        0.18950  (15122816)
406965.57   3747685.40        0.19560  (13121016)                406955.59
3747685.40        0.21449  (12122016)
406945.60   3747685.40        0.23459  (12122016)                406935.61
3747685.40        0.23945  (12122016)
406925.63   3747685.40        0.22443  (12122016)                406915.64
3747685.40        0.20502  (16120216)
406905.65   3747685.40        0.20793  (13112916)                406895.67
3747685.40        0.21492  (13112916)
406885.68   3747685.40        0.20974  (13112916)                406975.56
3747680.40        0.16334  (15122816)
406965.57   3747680.40        0.17679  (13121016)                406955.59
3747680.40        0.19264  (12122016)
406945.60   3747680.40        0.20712  (12122016)                406935.61
3747680.40        0.20872  (12122016)
406925.63   3747680.40        0.19437  (12122016)                406915.64
3747680.40        0.18435  (16120216)
406905.65   3747680.40        0.17020  (13112916)                406895.67
3747680.40        0.18229  (13112916)
406885.68   3747680.40        0.18369  (13112916)                406980.86
3747677.59        0.15035  (15122816)
406988.36   3747685.09        0.17624  (15122816)                406975.56
3747675.40        0.14946  (13121016)
406965.57   3747675.40        0.15909  (13121016)                406955.59
3747675.40        0.17348  (12122016)
406945.60   3747675.40        0.18372  (12122016)                406935.61
3747675.40        0.18306  (12122016)
406925.63   3747675.40        0.17023  (16120216)                406915.64
3747675.40        0.16628  (16120216)
406905.65   3747675.40        0.15099  (16120216)                406895.67
3747675.40        0.15318  (13112916)
406885.68   3747675.40        0.15928  (13112916)                406982.63
3747673.33        0.13523  (13121016)
406992.63   3747683.32        0.16490  (15122816)                406975.56
3747670.40        0.13717  (13121016)
406965.57   3747670.40        0.14292  (12122016)                406955.59
3747670.40        0.15667  (12122016)
406945.60   3747670.40        0.16372  (12122016)                406935.61
3747670.40        0.16150  (12122016)
406925.63   3747670.40        0.15285  (16120216)                406915.64
3747670.40        0.15049  (16120216)
406905.65   3747670.40        0.13842  (16120216)                406895.67
3747670.40        0.12773  (13112916)
406885.68   3747670.40        0.13694  (13112916)                406984.39
3747669.06        0.12517  (13121016)
406996.89   3747681.54        0.15451  (15122816)                406975.56
3747665.40        0.12539  (13121016)
406965.57   3747665.40        0.13125  (12122016)                406955.59
3747665.40        0.14190  (12122016)
406945.60   3747665.40        0.14653  (12122016)                406935.61
3747665.40        0.14329  (12122016)
406925.63   3747665.40        0.13787  (16120216)                406915.64
3747665.40        0.13669  (16120216)
406905.65   3747665.40        0.12717  (16120216)                406895.67
3747665.40        0.11167  (16120216)
406885.68   3747665.40        0.11686  (13112916)                406982.63
3747663.33        0.11652  (13121016)
406989.70   3747666.25        0.11449  (13121016)                406999.70
3747676.24        0.13723  (15122816)
407002.63   3747683.31        0.15157  (15122816)                406975.56
3747660.40        0.11426  (13121016)
406965.57   3747660.40        0.12069  (12122016)                406955.59
3747660.40        0.12888  (12122016)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406945.60	3747660.40	0.13170	(12122016)	406935.61	3747660.40	0.12779	(12122016)
406925.63	3747660.40	0.12489	(16120216)	406915.64	3747660.40	0.12459	(16120216)
406905.65	3747660.40	0.11709	(16120216)	406895.67	3747660.40	0.10421	(16120216)
406885.68	3747660.40	0.09911	(13112916)	406983.81	3747658.81	0.10772	(13121016)
406992.05	3747662.23	0.10646	(13121016)	407003.72	3747673.88	0.12830	(15122816)
407007.14	3747682.12	0.14276	(15122816)	406975.56	3747655.40	0.10384	(13121016)
406965.57	3747655.40	0.11112	(12122016)	406955.59	3747655.40	0.11736	(12122016)
406945.60	3747655.40	0.11881	(12122016)	406935.61	3747655.40	0.11451	(12122016)
406925.63	3747655.40	0.11360	(16120216)	406915.64	3747655.40	0.11394	(16120216)
406905.65	3747655.40	0.10805	(16120216)	406895.67	3747655.40	0.09734	(16120216)
406885.68	3747655.40	0.08553	(14121615)	406982.63	3747653.33	0.09887	(13121016)
406989.70	3747656.25	0.10016	(13121016)	406996.76	3747659.18	0.09820	(13121016)
407006.76	3747669.17	0.11564	(15122816)	407009.70	3747676.23	0.12829	(15122816)
407012.63	3747683.30	0.13686	(15122816)	406975.56	3747650.40	0.09463	(12122016)
406965.57	3747650.40	0.10247	(12122016)	406955.59	3747650.40	0.10714	(12122016)
406945.60	3747650.40	0.10757	(12122016)	406935.61	3747650.40	0.10305	(12122016)
406925.63	3747650.40	0.10374	(16120216)	406915.64	3747650.40	0.10455	(16120216)
406905.65	3747650.40	0.09994	(16120216)	406895.67	3747650.40	0.09102	(16120216)
406885.68	3747650.40	0.07927	(16120216)	406983.51	3747648.69	0.09116	(13121016)
406991.46	3747651.98	0.09328	(13121016)	406999.41	3747655.27	0.09171	(13121016)
407010.66	3747666.51	0.10821	(15122816)	407013.96	3747674.46	0.12094	(15122816)
407017.26	3747682.41	0.12889	(15122816)	406975.56	3747645.40	0.08830	(12122016)
406965.57	3747645.40	0.09463	(12122016)	406955.59	3747645.40	0.09805	(12122016)
406945.60	3747645.40	0.09771	(12122016)	406935.61			

3747645.40 0.09312 (12122016)
406925.63 3747645.40 0.09509 (16120216) 406915.64
3747645.40 0.09623 (16120216)
406905.65 3747645.40 0.09265 (16120216) 406895.67
3747645.40 0.08521 (16120216)
406885.68 3747645.40 0.07511 (16120216) 406984.39
3747644.06 0.08410 (13121016)
406993.23 3747647.71 0.08701 (13121016) 407002.06
3747651.37 0.08585 (13121016)
407014.56 3747663.86 0.10151 (15122816) 407018.23
3747672.69 0.11417 (15122816)
407021.89 3747681.52 0.12142 (15122816) 406975.56
3747640.40 0.08245 (12122016)
406965.57 3747640.40 0.08754 (12122016) 406955.59
3747640.40 0.08995 (12122016)
406945.60 3747640.40 0.08904 (12122016) 406935.61
3747640.40 0.08446 (12122016)
406925.63 3747640.40 0.08745 (16120216) 406915.64
3747640.40 0.08884 (16120216)
406905.65 3747640.40 0.08609 (16120216) 406895.67
3747640.40 0.07987 (16120216)
406885.68 3747640.40 0.07117 (16120216) 406983.33
3747638.62 0.07636 (13121016)
406991.11 3747641.84 0.08036 (13121016) 406998.88
3747645.05 0.08149 (13121016)
407006.66 3747648.27 0.07988 (13121016) 407017.66
3747659.26 0.09239 (15122816)
407020.88 3747667.03 0.10352 (15122816) 407024.11
3747674.80 0.11135 (15122816)
407027.33 3747682.57 0.11484 (15122816) 406975.56
3747635.40 0.07705 (12122016)
406965.57 3747635.40 0.08110 (12122016) 406955.59
3747635.40 0.08271 (12122016)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

407028.52 3747673.38 0.10535 (15122816) 407032.04
3747681.86 0.10807 (15122816)
406975.56 3747630.40 0.07206 (12122016) 406965.57
3747630.40 0.07526 (12122016)
406955.59 3747630.40 0.07623 (12122016) 406945.60
3747630.40 0.07460 (12122016)
406935.61 3747630.40 0.07021 (12122016) 406925.63
3747630.40 0.07468 (16120216)
406915.64 3747630.40 0.07634 (16120216) 406905.65
3747630.40 0.07480 (16120216)
406895.67 3747630.40 0.07046 (16120216) 406885.68
3747630.40 0.06398 (16120216)
406984.75 3747629.20 0.06667 (12122016) 406993.94
3747633.01 0.06985 (13121016)
407003.12 3747636.81 0.07185 (13121016) 407012.31
3747640.61 0.07071 (13121016)
407025.31 3747653.60 0.08179 (15122816) 407029.12
3747662.78 0.09272 (15122816)
407032.94 3747671.97 0.09978 (15122816) 407036.75
3747681.15 0.10173 (15122816)
406975.56 3747625.40 0.06746 (12122016) 406965.57
3747625.40 0.06994 (12122016)
406955.59 3747625.40 0.07041 (12122016) 406945.60
3747625.40 0.06856 (12122016)
406935.61 3747625.40 0.06480 (16120216) 406925.63
3747625.40 0.06931 (16120216)
406915.64 3747625.40 0.07104 (16120216) 406905.65
3747625.40 0.06993 (16120216)
406895.67 3747625.40 0.06630 (16120216) 406885.68
3747625.40 0.06070 (16120216)
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3747634.05 0.06767 (13121016)
407016.79 3747637.46 0.06626 (13121016) 407028.45
3747649.12 0.07510 (15122816)
407031.88 3747657.36 0.08473 (15122816) 407035.30
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407038.72 3747673.85 0.09565 (15122816) 407042.14
3747682.09 0.09545 (15122816)
406975.56 3747620.40 0.06322 (12122016) 406965.57
3747620.40 0.06511 (12122016)
406955.59 3747620.40 0.06517 (12122016) 406945.60
3747620.40 0.06317 (12122016)
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3747620.40 0.06449 (16120216)
406915.64 3747620.40 0.06625 (16120216) 406905.65
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406984.39 3747619.06 0.05937 (12122016) 406993.23
3747622.71 0.05932 (13121016)
407002.06 3747626.37 0.06279 (13121016) 407010.90
3747630.03 0.06388 (13121016)
407019.73 3747633.68 0.06263 (13121016) 407032.23
3747646.17 0.07089 (15122816)
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3747663.83 0.08732 (15122816)
407043.23 3747672.66 0.09063 (15122816) 407046.89
3747681.49 0.08979 (15122816)
406975.56 3747615.40 0.05930 (12122016) 406965.57
3747615.40 0.06070 (12122016)
406955.59 3747615.40 0.06043 (12122016) 406945.60
3747615.40 0.05835 (12122016)
406935.61 3747615.40 0.05622 (16120216) 406925.63
3747615.40 0.06015 (16120216)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406895.67	3747615.40	0.05893	(16120216)	406885.68	3747615.40	0.05472	(16120216)
406983.64	3747613.74	0.05605	(12122016)	406991.71	3747617.09	0.05524	(12122016)
406999.79	3747620.43	0.05775	(13121016)	407007.87	3747623.77	0.05993	(13121016)
407015.95	3747627.12	0.06031	(13121016)	407024.02	3747630.46	0.05894	(13121016)
407035.45	3747641.88	0.06554	(15122816)	407038.80	3747649.95	0.07396	(15122816)
407042.15	3747658.02	0.08062	(15122816)	407045.51	3747666.10	0.08480	(15122816)
407048.86	3747674.17	0.08598	(15122816)	407052.21	3747682.25	0.08395	(15122816)
406975.56	3747610.40	0.05568	(12122016)	406965.57	3747610.40	0.05666	(12122016)
406955.59	3747610.40	0.05615	(12122016)	406945.60	3747610.40	0.05401	(12122016)
406935.61	3747610.40	0.05255	(16120216)	406925.63	3747610.40	0.05623	(16120216)
406915.64	3747610.40	0.05798	(16120216)	406905.65	3747610.40	0.05774	(16120216)
406895.67	3747610.40	0.05565	(16120216)	406885.68	3747610.40	0.05201	(16120216)
406984.14	3747608.95	0.05291	(12122016)	406992.72	3747612.50	0.05227	(12122016)
407001.31	3747616.06	0.05420	(13121016)	407009.89	3747619.61	0.05660	(13121016)
407018.47	3747623.16	0.05713	(13121016)	407027.05	3747626.71	0.05587	(13121016)
407039.19	3747638.84	0.06200	(15122816)	407042.76	3747647.42	0.07031	(15122816)
407046.32	3747656.00	0.07680	(15122816)	407049.88	3747664.58	0.08069	(15122816)
407053.44	3747673.16	0.08147	(15122816)	407057.00	3747681.74	0.07894	(15122816)
406975.56	3747605.40	0.05232	(12122016)	406965.57	3747605.40	0.05297	(12122016)
406955.59	3747605.40	0.05226	(12122016)	406945.60	3747605.40	0.05011	(12122016)
406935.61	3747605.40	0.04923	(16120216)	406925.63	3747605.40	0.05267	(16120216)
406915.64	3747605.40	0.05440	(16120216)	406905.65			

3747605.40 0.05435 (16120216)
406895.67 3747605.40 0.05262 (16120216) 406885.68
3747605.40 0.04947 (16120216)
406984.65 3747604.16 0.04999 (12122016) 406993.73
3747607.92 0.04952 (12122016)
407002.82 3747611.68 0.05092 (13121016) 407020.99
3747619.21 0.05419 (13121016)
407030.08 3747622.97 0.05304 (13121016) 407042.94
3747635.81 0.05875 (15122816)
407046.71 3747644.89 0.06693 (15122816) 407050.48
3747653.98 0.07324 (15122816)
407054.25 3747663.06 0.07686 (15122816) 407058.02
3747672.14 0.07725 (15122816)
407061.79 3747681.23 0.07428 (15122816) 406975.56
3747600.40 0.04922 (12122016)
406965.57 3747600.40 0.04959 (12122016) 406955.59
3747600.40 0.04873 (12122016)
406945.60 3747600.40 0.04657 (12122016) 406935.61
3747600.40 0.04621 (16120216)
406925.63 3747600.40 0.04943 (16120216) 406915.64
3747600.40 0.05113 (16120216)
406905.65 3747600.40 0.05123 (16120216) 406895.67
3747600.40 0.04982 (16120216)
406885.68 3747600.40 0.04708 (16120216) 406983.95
3747598.87 0.04724 (12122016)
406992.35 3747602.35 0.04717 (12122016) 407000.74
3747605.82 0.04640 (13121016)
407009.13 3747609.30 0.04951 (13121016) 407017.52
3747612.77 0.05119 (13121016)
407025.92 3747616.24 0.05137 (13121016) 407034.31
3747619.72 0.05017 (13121016)
407046.18 3747631.58 0.05466 (15122816) 407049.67
3747639.97 0.06194 (15122816)
407053.15 3747648.36 0.06792 (15122816) 407056.63
3747656.75 0.07199 (15122816)
407060.11 3747665.14 0.07370 (15122816) 407063.60
3747673.53 0.07278 (15122816)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407067.08	3747681.92	0.06929	(15122816)	406975.56			
3747595.40		0.04634	(12122016)				
406965.57	3747595.40	0.04649	(12122016)	406955.59			
3747595.40		0.04551	(12122016)				
406945.60	3747595.40	0.04337	(12122016)	406935.61			
3747595.40		0.04346	(16120216)				
406925.63	3747595.40	0.04648	(16120216)	406915.64			
3747595.40		0.04814	(16120216)				

406905.65 3747595.40 0.04837 (16120216) 406895.67
3747595.40 0.04721 (16120216)
406885.68 3747595.40 0.04484 (16120216) 406984.39
3747594.06 0.04471 (12122016)
406993.23 3747597.71 0.04476 (12122016) 407002.06
3747601.37 0.04386 (12122016)
407010.90 3747605.03 0.04679 (13121016) 407019.73
3747608.68 0.04858 (13121016)
407028.57 3747612.34 0.04888 (13121016) 407037.40
3747616.00 0.04775 (13121016)
407049.90 3747628.48 0.05190 (15122816) 407053.57
3747637.32 0.05907 (15122816)
407057.23 3747646.15 0.06491 (15122816) 407060.90
3747654.98 0.06878 (15122816)
407064.56 3747663.81 0.07023 (15122816) 407068.23
3747672.64 0.06901 (15122816)
407071.89 3747681.47 0.06520 (15122816) 406975.56
3747590.40 0.04368 (12122016)
406965.57 3747590.40 0.04363 (12122016) 406955.59
3747590.40 0.04256 (12122016)
406945.60 3747590.40 0.04047 (12122016) 406935.61
3747590.40 0.04095 (16120216)
406925.63 3747590.40 0.04378 (16120216) 406915.64
3747590.40 0.04540 (16120216)
406905.65 3747590.40 0.04573 (16120216) 406895.67
3747590.40 0.04480 (16120216)
406885.68 3747590.40 0.04275 (16120216) 406880.68
3747690.40 0.22681 (13112916)
406880.68 3747700.40 0.26937 (13112916) 406880.68
3747710.39 0.29922 (13112916)
406880.68 3747720.39 0.30566 (13112916) 406880.68
3747730.39 0.37045 (13121916)
406880.68 3747740.38 0.39632 (13121916) 406880.68
3747750.38 0.36985 (13121916)
406880.68 3747760.38 0.30335 (13121916) 406880.68
3747770.37 0.22064 (13121916)
406880.68 3747780.37 0.19592 (15021709) 406875.68
3747690.40 0.21569 (13112916)
406875.68 3747700.40 0.24931 (13112916) 406875.68
3747710.39 0.26978 (13112916)
406875.68 3747720.39 0.27030 (13121916) 406875.68
3747730.39 0.33210 (13121916)
406875.68 3747740.38 0.35665 (13121916) 406875.68
3747750.38 0.33689 (13121916)
406875.68 3747760.38 0.28183 (13121916) 406875.68
3747770.37 0.21051 (13121916)
406875.68 3747780.37 0.18108 (15021709) 406872.88
3747685.10 0.19092 (13112916)
406880.38 3747677.60 0.16872 (13112916) 406870.68
3747690.40 0.20389 (13112916)
406870.68 3747700.40 0.22983 (13112916) 406870.68
3747710.39 0.24278 (13112916)
406870.68 3747720.39 0.24428 (13121916) 406870.68
3747730.39 0.29869 (13121916)
406870.68 3747740.38 0.32185 (13121916) 406870.68
3747750.38 0.30739 (13121916)
406870.68 3747760.38 0.26186 (13121916) 406870.68
3747770.37 0.20044 (13121916)
406870.68 3747780.37 0.16635 (15021709) 406868.61
3747683.33 0.17821 (13112916)
406878.61 3747673.33 0.15066 (13112916) 406865.68
3747690.40 0.19180 (13112916)
406865.68 3747700.40 0.21125 (13112916) 406865.68
3747710.39 0.21829 (13112916)
406865.68 3747720.39 0.22160 (13121916) 406865.68
3747730.39 0.26968 (13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406876.84	3747669.06	0.13460	(13112916)	406860.68	3747690.40	0.17972	(13112916)
406860.68	3747700.40	0.19377	(13112916)	406860.68	3747710.39	0.19622	(13112916)
406860.68	3747720.39	0.20182	(13121916)	406860.68	3747730.39	0.24447	(13121916)
406860.68	3747740.38	0.26479	(13121916)	406860.68	3747750.38	0.25772	(13121916)
406860.68	3747760.38	0.22661	(13121916)	406860.68	3747770.37	0.18110	(13121916)
406860.68	3747780.37	0.13834	(15021709)	406858.61	3747683.33	0.16152	(13112916)
406861.54	3747676.26	0.14924	(13112916)	406871.54	3747666.26	0.12556	(13112916)
406878.61	3747663.33	0.11416	(13112916)	406855.68	3747690.40	0.16788	(13112916)
406855.68	3747700.40	0.17748	(13112916)	406855.68	3747710.39	0.17643	(13112916)
406855.68	3747720.39	0.18452	(13121916)	406855.68	3747730.39	0.22250	(13121916)
406855.68	3747740.38	0.24146	(13121916)	406855.68	3747750.38	0.23691	(13121916)
406855.68	3747760.38	0.21119	(13121916)	406855.68	3747770.37	0.17197	(13121916)
406855.68	3747780.37	0.12861	(13121916)	406854.10	3747682.15	0.15163	(13112916)
406857.51	3747673.90	0.13942	(13112916)	406869.18	3747662.23	0.11374	(13112916)
406877.43	3747658.82	0.10061	(13112916)	406850.68	3747690.40	0.15643	(13112916)
406850.68	3747700.40	0.16241	(13112916)	406850.68	3747710.39	0.15875	(13112916)
406850.68	3747720.39	0.16934	(13121916)	406850.68	3747730.39	0.20329	(13121916)
406850.68	3747740.38	0.22095	(13121916)	406850.68	3747750.38	0.21836	(13121916)
406850.68	3747760.38	0.19709	(13121916)	406850.68	3747770.37	0.16327	(13121916)
406850.68	3747780.37	0.12474	(13121916)	406848.61			

3747683.33	0.14410	(13112916)			
406851.54	3747676.26	0.13748	(13112916)	406854.47	
3747669.19	0.12651	(13112916)			
406864.47	3747659.19	0.10613	(13112916)	406871.54	
3747656.26	0.09657	(13112916)			
406878.61	3747653.33	0.08430	(13112916)	406845.68	
3747690.40	0.14548	(13112916)			
406845.68	3747700.40	0.14854	(13112916)	406845.68	
3747710.39	0.14298	(13112916)			
406845.68	3747720.39	0.15596	(13121916)	406845.68	
3747730.39	0.18642	(13121916)			
406845.68	3747740.38	0.20287	(13121916)	406845.68	
3747750.38	0.20180	(13121916)			
406845.68	3747760.38	0.18420	(13121916)	406845.68	
3747770.37	0.15501	(13121916)			
406845.68	3747780.37	0.12078	(13121916)	406843.98	
3747682.45	0.13524	(13112916)			
406847.27	3747674.49	0.12933	(13112916)	406850.57	
3747666.54	0.11844	(13112916)			
406861.82	3747655.29	0.09709	(13112916)	406869.77	
3747651.99	0.08665	(13112916)			
406877.73	3747648.70	0.07449	(14121615)	406840.68	
3747690.40	0.13511	(13112916)			
406840.68	3747700.40	0.13585	(13112916)	406840.68	
3747710.39	0.12893	(13112916)			
406840.68	3747720.39	0.14411	(13121916)	406840.68	
3747730.39	0.17155	(13121916)			
406840.68	3747740.38	0.18688	(13121916)	406840.68	
3747750.38	0.18697	(13121916)			
406840.68	3747760.38	0.17242	(13121916)	406840.68	
3747770.37	0.14719	(13121916)			
406840.68	3747780.37	0.11676	(13121916)	406839.34	
3747681.56	0.12696	(13112916)			
406843.00	3747672.72	0.12186	(13112916)	406846.66	
3747663.88	0.11110	(13112916)			
406859.16	3747651.38	0.08900	(13112916)	406868.00	
3747647.72	0.07786	(13112916)			
406876.84	3747644.06	0.06752	(14121615)	406835.68	
3747690.40	0.12535	(13112916)			
406835.68	3747700.40	0.12426	(13112916)	406835.68	
3747710.39	0.11642	(13112916)			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406835.68	3747720.39	0.13359	(13121916)	406835.68	3747730.39	0.15839	(13121916)
406835.68	3747740.38	0.17267	(13121916)	406835.68	3747750.38	0.17365	(13121916)

406835.68 3747760.38 0.16165 (13121916) 406835.68
3747770.37 0.13981 (13121916)
406835.68 3747780.37 0.11276 (13121916) 406833.90
3747682.62 0.11925 (13112916)
406837.12 3747674.84 0.11753 (13112916) 406840.35
3747667.07 0.11144 (13112916)
406843.57 3747659.29 0.10178 (13112916) 406854.57
3747648.29 0.08370 (13112916)
406862.35 3747645.07 0.07516 (13112916) 406870.12
3747641.84 0.06517 (14121615)
406877.90 3747638.62 0.06240 (16120216) 406830.68
3747690.40 0.11620 (13112916)
406830.68 3747700.40 0.11370 (13112916) 406830.68
3747710.39 0.10528 (13112916)
406830.68 3747720.39 0.12419 (13121916) 406830.68
3747730.39 0.14670 (13121916)
406830.68 3747740.38 0.16001 (13121916) 406830.68
3747750.38 0.16167 (13121916)
406830.68 3747760.38 0.15178 (13121916) 406830.68
3747770.37 0.13286 (13121916)
406830.68 3747780.37 0.10879 (13121916) 406829.19
3747681.91 0.11184 (13112916)
406832.71 3747673.43 0.11095 (13112916) 406836.22
3747664.94 0.10526 (13112916)
406839.74 3747656.46 0.09573 (13112916) 406851.74
3747644.46 0.07731 (13112916)
406860.22 3747640.94 0.06839 (13112916) 406877.19
3747633.91 0.05919 (16120216)
406825.68 3747690.40 0.10768 (13112916) 406825.68
3747700.40 0.10409 (13112916)
406825.68 3747710.39 0.09536 (13112916) 406825.68
3747720.39 0.11577 (13121916)
406825.68 3747730.39 0.13626 (13121916) 406825.68
3747740.38 0.14869 (13121916)
406825.68 3747750.38 0.15086 (13121916) 406825.68
3747760.38 0.14273 (13121916)
406825.68 3747770.37 0.12632 (13121916) 406825.68
3747780.37 0.10489 (13121916)
406824.49 3747681.21 0.10497 (13112916) 406828.30
3747672.02 0.10485 (13112916)
406832.10 3747662.82 0.09960 (13112916) 406835.91
3747653.63 0.09021 (13112916)
406848.91 3747640.63 0.07155 (13112916) 406858.10
3747636.82 0.06236 (13112916)
406867.30 3747633.02 0.05500 (14121615) 406876.49
3747629.21 0.05622 (16120216)
406820.68 3747690.40 0.09975 (13112916) 406820.68
3747700.40 0.09536 (13112916)
406820.68 3747710.39 0.08651 (13112916) 406820.68
3747720.39 0.10820 (13121916)
406820.68 3747730.39 0.12691 (13121916) 406820.68
3747740.38 0.13852 (13121916)
406820.68 3747750.38 0.14108 (13121916) 406820.68
3747760.38 0.13443 (13121916)
406820.68 3747770.37 0.12018 (13121916) 406820.68
3747780.37 0.10108 (13121916)
406819.10 3747682.15 0.09791 (13112916) 406822.51
3747673.90 0.09960 (13112916)
406825.93 3747665.65 0.09742 (13112916) 406829.35
3747657.40 0.09174 (13112916)
406832.77 3747649.15 0.08331 (13112916) 406844.43
3747637.49 0.06769 (13112916)
406852.68 3747634.07 0.06035 (13112916) 406860.93
3747630.65 0.05315 (14121615)
406869.18 3747627.23 0.04955 (16120216) 406877.43
3747623.82 0.05427 (16120216)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406814.34	3747681.56	0.09182	(13112916)	406818.00	3747672.72	0.09414	(13112916)
406821.66	3747663.88	0.09241	(13112916)	406825.32	3747655.04	0.08701	(13112916)
406828.99	3747646.21	0.07872	(13112916)	406841.49	3747633.71	0.06302	(13112916)
406850.32	3747630.04	0.05553	(13112916)	406859.16	3747626.38	0.04930	(14121615)
406868.00	3747622.72	0.04709	(16120216)	406876.84	3747619.06	0.05163	(16120216)
406810.68	3747690.40	0.08562	(13112916)	406810.68	3747700.40	0.08024	(13112916)
406810.68	3747710.39	0.07636	(13121916)	406810.68	3747720.39	0.09517	(13121916)
406810.68	3747730.39	0.11091	(13121916)	406810.68	3747740.38	0.12109	(13121916)
406810.68	3747750.38	0.12413	(13121916)	406810.68	3747760.38	0.11975	(13121916)
406810.68	3747770.37	0.10898	(13121916)	406810.68	3747780.37	0.09378	(13121916)
406809.03	3747682.32	0.08542	(13112916)	406812.37	3747674.24	0.08866	(13112916)
406815.72	3747666.16	0.08884	(13112916)	406819.07	3747658.08	0.08602	(13112916)
406822.42	3747649.99	0.08059	(13112916)	406825.76	3747641.91	0.07314	(13112916)
406837.19	3747630.48	0.05970	(13112916)	406845.27	3747627.14	0.05353	(13112916)
406853.36	3747623.79	0.04744	(14121615)	406861.44	3747620.44	0.04390	(14121615)
406869.52	3747617.09	0.04619	(16120216)	406877.60	3747613.75	0.04968	(16120216)
406805.68	3747690.40	0.07934	(13112916)	406805.68	3747700.40	0.07371	(13112916)
406805.68	3747710.39	0.07228	(13121916)	406805.68			

3747720.39 0.08953 (13121916)
406805.68 3747730.39 0.10404 (13121916) 406805.68
3747740.38 0.11358 (13121916)
406805.68 3747750.38 0.11676 (13121916) 406805.68
3747760.38 0.11325 (13121916)
406805.68 3747770.37 0.10388 (13121916) 406805.68
3747780.37 0.09030 (13121916)
406804.24 3747681.81 0.08009 (13112916) 406807.79
3747673.23 0.08379 (13112916)
406811.35 3747664.64 0.08437 (13112916) 406814.91
3747656.05 0.08185 (13112916)
406818.46 3747647.47 0.07661 (13112916) 406822.02
3747638.88 0.06927 (13112916)
406834.16 3747626.74 0.05585 (13112916) 406842.75
3747623.18 0.04961 (13112916)
406859.92 3747616.07 0.04066 (14121615) 406868.51
3747612.51 0.04402 (16120216)
406877.09 3747608.96 0.04734 (16120216) 406800.68
3747690.40 0.07355 (13112916)
406800.68 3747700.40 0.06777 (13112916) 406800.68
3747710.39 0.06852 (13121916)
406800.68 3747720.39 0.08440 (13121916) 406800.68
3747730.39 0.09779 (13121916)
406800.68 3747740.38 0.10675 (13121916) 406800.68
3747750.38 0.11002 (13121916)
406800.68 3747760.38 0.10724 (13121916) 406800.68
3747770.37 0.09909 (13121916)
406800.68 3747780.37 0.08696 (13121916) 406799.45
3747681.31 0.07514 (13112916)
406803.21 3747672.22 0.07926 (13112916) 406806.98
3747663.13 0.08022 (13112916)
406810.74 3747654.03 0.07797 (13112916) 406814.51
3747644.94 0.07293 (13112916)
406818.27 3747635.85 0.06571 (13112916) 406831.13
3747622.99 0.05233 (13112916)
406840.22 3747619.23 0.04607 (13112916) 406849.31
3747615.46 0.04142 (14121615)
406858.41 3747611.70 0.03782 (16120216) 406867.50
3747607.93 0.04199 (16120216)
406876.59 3747604.17 0.04516 (16120216) 406795.68
3747690.40 0.06822 (13112916)
406795.68 3747700.40 0.06238 (13112916) 406795.68
3747710.39 0.06506 (13121916)
406795.68 3747720.39 0.07970 (13121916) 406795.68
3747730.39 0.09210 (13121916)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

406795.68 3747740.38 0.10053 (13121916) 406795.68
3747750.38 0.10384 (13121916)
406795.68 3747760.38 0.10168 (13121916) 406795.68
3747770.37 0.09459 (13121916)
406795.68 3747780.37 0.08374 (13121916) 406794.16
3747682.00 0.06977 (13112916)
406797.64 3747673.61 0.07421 (13112916) 406801.11
3747665.21 0.07624 (13112916)
406804.59 3747656.81 0.07575 (13112916) 406808.07
3747648.42 0.07287 (13112916)
406811.55 3747640.02 0.06792 (13112916) 406815.03
3747631.62 0.06142 (13112916)
406826.90 3747619.75 0.04981 (13112916) 406835.30
3747616.27 0.04452 (13112916)
406843.70 3747612.79 0.03994 (14121615) 406852.09
3747609.31 0.03702 (14121615)
406860.49 3747605.83 0.03767 (16120216) 406868.89
3747602.36 0.04096 (16120216)
406877.28 3747598.88 0.04340 (16120216) 406790.68
3747690.40 0.06330 (13112916)
406790.68 3747700.40 0.05747 (13112916) 406790.68
3747710.39 0.06186 (13121916)
406790.68 3747720.39 0.07540 (13121916) 406790.68
3747730.39 0.08690 (13121916)
406790.68 3747740.38 0.09483 (13121916) 406790.68
3747750.38 0.09816 (13121916)
406790.68 3747760.38 0.09653 (13121916) 406790.68
3747770.37 0.09036 (13121916)
406790.68 3747780.37 0.08064 (13121916) 406789.34
3747681.56 0.06546 (13112916)
406793.00 3747672.72 0.07018 (13112916) 406796.66
3747663.88 0.07251 (13112916)
406800.32 3747655.04 0.07228 (13112916) 406803.99
3747646.21 0.06959 (13112916)
406807.65 3747637.37 0.06479 (13112916) 406811.31
3747628.53 0.05840 (13112916)
406823.81 3747616.03 0.04686 (13112916) 406832.65
3747612.37 0.04157 (13112916)
406841.49 3747608.71 0.03755 (14121615) 406850.32
3747605.04 0.03458 (14121615)
406868.00 3747597.72 0.03915 (16120216) 406876.84
3747594.06 0.04145 (16120216)
406785.68 3747690.40 0.05877 (13112916) 406785.68
3747700.40 0.05301 (13112916)
406785.68 3747710.39 0.05890 (13121916) 406785.68
3747720.39 0.07144 (13121916)
406785.68 3747730.39 0.08213 (13121916) 406785.68
3747740.38 0.08961 (13121916)
406785.68 3747750.38 0.09293 (13121916) 406785.68
3747760.38 0.09175 (13121916)
406785.68 3747770.37 0.08638 (13121916) 406785.68
3747780.37 0.07768 (13121916)
406885.68 3747785.37 0.19304 (15021709) 406895.68
3747785.37 0.21019 (15021709)
406905.67 3747785.37 0.25887 (14120316) 406915.67
3747785.37 0.36567 (14120316)
406925.67 3747785.37 0.45215 (14120316) 406935.66
3747785.37 0.49395 (14120316)
406945.66 3747785.37 0.48236 (14120316) 406955.66
3747785.37 0.42595 (14120316)
406965.65 3747785.37 0.34405 (14120316) 406975.65
3747785.37 0.25685 (14120316)
406885.68 3747790.37 0.17565 (15021709) 406895.68
3747790.37 0.19515 (14021809)
406905.67 3747790.37 0.23054 (14120316) 406915.67
3747790.37 0.32222 (14120316)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406925.67	3747790.37	0.39780	(14120316)	406935.66	3747790.37	0.43741	(14120316)
406945.66	3747790.37	0.43292	(14120316)	406955.66	3747790.37	0.38970	(14120316)
406965.65	3747790.37	0.32234	(14120316)	406975.65	3747790.37	0.24731	(14120316)
406880.38	3747793.17	0.15957	(15021709)	406872.88	3747785.67	0.16338	(15021709)
406885.68	3747795.37	0.15869	(15021709)	406895.68	3747795.37	0.18102	(14021809)
406905.67	3747795.37	0.20619	(14120316)	406915.67	3747795.37	0.28541	(14120316)
406925.67	3747795.37	0.35181	(14120316)	406935.66	3747795.37	0.38907	(14120316)
406945.66	3747795.37	0.38973	(14120316)	406955.66	3747795.37	0.35693	(14120316)
406965.65	3747795.37	0.30165	(14120316)	406975.65	3747795.37	0.23725	(14120316)
406878.61	3747797.44	0.14580	(15021709)	406868.61	3747787.44	0.15058	(15021709)
406885.68	3747800.37	0.14324	(14021809)	406895.68	3747800.37	0.16777	(14021809)
406905.67	3747800.37	0.18529	(14120316)	406915.67	3747800.37	0.25417	(14120316)
406925.67	3747800.37	0.31278	(14120316)	406935.66	3747800.37	0.34764	(14120316)
406945.66	3747800.37	0.35199	(14120316)	406955.66	3747800.37	0.32739	(14120316)
406965.65	3747800.37	0.28212	(14120316)	406975.65	3747800.37	0.22695	(14120316)
406876.84	3747801.71	0.13339	(15021709)	406864.34	3747789.21	0.13900	(15021709)
406885.68	3747805.37	0.13531	(14021809)	406895.68	3747805.37	0.15543	(14021809)
406905.67	3747805.37	0.16862	(14021809)	406915.67	3747805.37	0.22755	(14120316)
406925.67	3747805.37	0.27953	(14120316)	406935.66	3747805.37	0.31202	(14120316)
406945.66	3747805.37	0.31893	(14120316)	406955.66	3747805.37	0.30081	(14120316)
406965.65	3747805.37	0.26381	(14120316)	406975.65	3747805.37	0.21662	(14120316)
406878.61	3747807.44	0.12036	(15021709)	406871.54	3747804.51	0.12295	(15021709)
406861.54	3747794.51	0.12715	(15021709)	406858.61			

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      3747787.44        0.12872  (15021709)
      406885.68   3747810.37        0.12761  (14021809)                406895.68
      3747810.37        0.14400  (14021809)
      406905.67   3747810.37        0.15376  (14021809)                406915.67
      3747810.37        0.20474  (14120316)
      406925.67   3747810.37        0.25104  (14120316)                406935.66
      3747810.37        0.28124  (14120316)
      406945.66   3747810.37        0.28991  (14120316)                406955.66
      3747810.37        0.27689  (14120316)
      406965.65   3747810.37        0.24673  (14120316)                406975.65
      3747810.37        0.20642  (14120316)
      406877.43   3747811.95        0.10980  (14021809)                406869.18
      3747808.54        0.11337  (15021709)
      406857.51   3747796.87        0.11796  (15021709)                406854.10
      3747788.62        0.11862  (15021709)
      406885.68   3747815.37        0.12019  (14021809)                406895.68
      3747815.37        0.13346  (14021809)
      406905.67   3747815.37        0.14046  (14021809)                406915.67
      3747815.37        0.18509  (14120316)
      406925.67   3747815.37        0.22650  (14120316)                406935.66
      3747815.37        0.25453  (14120316)
      406945.66   3747815.37        0.26436  (14120316)                406955.66
      3747815.37        0.25535  (14120316)
      406965.65   3747815.37        0.23085  (14120316)                406975.65
      3747815.37        0.19646  (14120316)
      406878.61   3747817.44        0.10630  (14021809)                406871.54
      3747814.51        0.10301  (15021709)
      406864.47   3747811.58        0.10511  (15021709)                406854.47
      3747801.58        0.10879  (15021709)
      406851.54   3747794.51        0.11037  (15021709)                406848.61
      3747787.44        0.10824  (15021709)
      406885.68   3747820.37        0.11312  (14021809)                406895.68
      3747820.37        0.12375  (14021809)
      406905.67   3747820.37        0.12855  (14021809)                406915.67
      3747820.37        0.16805  (14120316)
      406925.67   3747820.37        0.20523  (14120316)                406935.66
      3747820.37        0.23124  (14120316)
      406945.66   3747820.37        0.24178  (14120316)                406955.66
      3747820.37        0.23593  (14120316)
      406965.65   3747820.37        0.21611  (14120316)                406975.65
      3747820.37        0.18681  (14120316)
      406877.73   3747822.07        0.10025  (14021809)                406869.77
      3747818.78        0.09476  (15021709)
      406861.82   3747815.48        0.09755  (15021709)                406850.57
      3747804.23        0.10145  (15021709)
      406847.27   3747796.28        0.10251  (15021709)                406843.98
      3747788.32        0.09941  (15021709)
      406885.68   3747825.37        0.10640  (14021809)                406895.68
      3747825.37        0.11482  (14021809)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:28:23

                     PAGE  55
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406905.67	3747825.37	0.11786	(14021809)	406915.67	3747825.37	0.15320	(14120316)
406925.67	3747825.37	0.18671	(14120316)	406935.66	3747825.37	0.21084	(14120316)
406945.66	3747825.37	0.22177	(14120316)	406955.66	3747825.37	0.21841	(14120316)
406965.65	3747825.37	0.20246	(14120316)	406975.65	3747825.37	0.17752	(14120316)
406876.84	3747826.71	0.09460	(14021809)	406868.00	3747823.05	0.08730	(15021709)
406859.16	3747819.39	0.09072	(15021709)	406846.66	3747806.89	0.09479	(15021709)
406843.00	3747798.05	0.09536	(15021709)	406839.34	3747789.21	0.09131	(15021709)
406885.68	3747830.37	0.10005	(14021809)	406895.68	3747830.37	0.10663	(14021809)
406905.67	3747830.37	0.10826	(14021809)	406915.67	3747830.37	0.14018	(14120316)
406925.67	3747830.37	0.17049	(14120316)	406935.66	3747830.37	0.19288	(14120316)
406945.66	3747830.37	0.20397	(14120316)	406955.66	3747830.37	0.20256	(14120316)
406965.65	3747830.37	0.18983	(14120316)	406975.65	3747830.37	0.16864	(14120316)
406877.90	3747832.15	0.09071	(14021809)	406870.12	3747828.93	0.08430	(14021809)
406862.35	3747825.70	0.08270	(15021709)	406854.57	3747822.48	0.08483	(15021709)
406843.57	3747811.48	0.08820	(15021709)	406840.35	3747803.70	0.08942	(15021709)
406837.12	3747795.93	0.08747	(15021709)	406833.90	3747788.15	0.09044	(13121916)
406885.68	3747835.37	0.09407	(14021809)	406895.68	3747835.37	0.09910	(14021809)
406905.67	3747835.37	0.09963	(14021809)	406915.67	3747835.37	0.12870	(14120316)
406925.67	3747835.37	0.15622	(14120316)	406935.66	3747835.37	0.17702	(14120316)
406945.66	3747835.37	0.18809	(14120316)	406955.66	3747835.37	0.18820	(14120316)
406965.65	3747835.37	0.17814	(14120316)	406975.65	3747835.37	0.16017	(14120316)
406877.19	3747836.86	0.08573	(14021809)	406860.22	3747829.83	0.07680	(15021709)
406851.74	3747826.31	0.07931	(15021709)	406839.74	3747814.31	0.08277	(15021709)
406836.22	3747805.83	0.08368	(15021709)	406832.71	3747797.34	0.08122	(15021709)
406829.19	3747788.86	0.08681	(13121916)	406885.68	3747840.37	0.08844	(14021809)
406895.68	3747840.37	0.09220	(14021809)	406905.67	3747840.37	0.09185	(14021809)
406915.67	3747840.37	0.11855	(14120316)	406925.67	3747840.37	0.14360	(14120316)
406935.66	3747840.37	0.16293	(14120316)	406945.66	3747840.37	0.17387	(14120316)
406955.66	3747840.37	0.17518	(14120316)	406965.65	3747840.37	0.16734	(14120316)
406975.65	3747840.37	0.15213	(14120316)	406876.49	3747841.56	0.08110	(14021809)
406867.30	3747837.75	0.07544	(14021809)	406858.10	3747833.95	0.07145	(15021709)

406848.91 3747830.14 0.07429 (15021709) 406835.91
3747817.14 0.07782 (15021709)
406832.10 3747807.95 0.07845 (15021709) 406828.30
3747798.75 0.07551 (15021709)
406824.49 3747789.56 0.08339 (13121916) 406885.68
3747845.37 0.08315 (14021809)
406895.68 3747845.37 0.08585 (14021809) 406905.67
3747845.37 0.08489 (14120316)
406915.67 3747845.37 0.10951 (14120316) 406925.67
3747845.37 0.13240 (14120316)
406935.66 3747845.37 0.15039 (14120316) 406945.66
3747845.37 0.16110 (14120316)
406955.66 3747845.37 0.16334 (14120316) 406965.65
3747845.37 0.15734 (14120316)
406975.65 3747845.37 0.14450 (14120316) 406877.43
3747846.95 0.07729 (14021809)
406869.18 3747843.54 0.07364 (14021809) 406860.93
3747840.12 0.06765 (14021809)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406852.68	3747836.70	0.06799	(15021709)	406844.43	3747833.28	0.06992	(15021709)
406832.77	3747821.62	0.07290	(15021709)	406829.35	3747813.37	0.07395	(15021709)
406825.93	3747805.12	0.07242	(15021709)	406822.51	3747796.87	0.06830	(15021709)
406819.10	3747788.62	0.08322	(13121916)	406885.68	3747850.37	0.07820	(14021809)
406895.68	3747850.37	0.08002	(14021809)	406905.67	3747850.37	0.07903	(14120316)
406915.67	3747850.37	0.10145	(14120316)	406925.67	3747850.37	0.12241	(14120316)
406935.66	3747850.37	0.13917	(14120316)	406945.66	3747850.37	0.14960	(14120316)
406955.66	3747850.37	0.15255	(14120316)	406965.65	3747850.37	0.14808	(14120316)
406975.65	3747850.37	0.13728	(14120316)	406876.84	3747851.71	0.07316	(14021809)
406868.00	3747848.05	0.06988	(14021809)	406859.16	3747844.39	0.06412	(14021809)
406850.32	3747840.73	0.06362	(15021709)	406841.49	3747837.06	0.06577	(15021709)
406828.99	3747824.56	0.06879	(15021709)	406825.32	3747815.73	0.06964	(15021709)
406821.66	3747806.89	0.06783	(15021709)	406818.00	3747798.05	0.06440	(13121916)
406814.34	3747789.21	0.08007	(13121916)	406885.68			

3747855.37 0.07357 (14021809)
406895.68 3747855.37 0.07465 (14021809) 406905.67
3747855.37 0.07374 (14120316)
406915.67 3747855.37 0.09421 (14120316) 406925.67
3747855.37 0.11346 (14120316)
406935.66 3747855.37 0.12910 (14120316) 406945.66
3747855.37 0.13921 (14120316)
406955.66 3747855.37 0.14270 (14120316) 406965.65
3747855.37 0.13950 (14120316)
406975.65 3747855.37 0.13045 (14120316) 406877.60
3747857.02 0.06949 (14021809)
406869.52 3747853.68 0.06751 (14021809) 406861.44
3747850.33 0.06351 (14021809)
406853.36 3747846.98 0.05786 (14021809) 406845.27
3747843.63 0.06056 (15021709)
406837.19 3747840.29 0.06209 (15021709) 406825.76
3747828.86 0.06470 (15021709)
406822.42 3747820.78 0.06578 (15021709) 406819.07
3747812.69 0.06485 (15021709)
406815.72 3747804.61 0.06186 (15021709) 406812.37
3747796.53 0.06616 (13121916)
406809.03 3747788.45 0.07915 (13121916) 406885.68
3747860.37 0.06924 (14021809)
406895.68 3747860.37 0.06971 (14021809) 406905.67
3747860.37 0.06894 (14120316)
406915.67 3747860.37 0.08769 (14120316) 406925.67
3747860.37 0.10542 (14120316)
406935.66 3747860.37 0.12002 (14120316) 406945.66
3747860.37 0.12979 (14120316)
406955.66 3747860.37 0.13368 (14120316) 406965.65
3747860.37 0.13154 (14120316)
406975.65 3747860.37 0.12400 (14120316) 406877.09
3747861.81 0.06583 (14021809)
406868.51 3747858.26 0.06417 (14021809) 406859.92
3747854.70 0.06040 (14021809)
406851.33 3747851.14 0.05490 (14021809) 406842.75
3747847.59 0.05695 (15021709)
406834.16 3747844.03 0.05862 (15021709) 406822.02
3747831.89 0.06125 (15021709)
406818.46 3747823.30 0.06219 (15021709) 406814.91
3747814.72 0.06107 (15021709)
406811.35 3747806.13 0.05784 (15021709) 406807.79
3747797.54 0.06352 (13121916)
406804.24 3747788.96 0.07624 (13121916) 406885.68
3747865.37 0.06519 (14021809)
406895.68 3747865.37 0.06517 (14021809) 406905.67
3747865.37 0.06458 (14120316)
406915.67 3747865.37 0.08180 (14120316) 406925.67
3747865.37 0.09817 (14120316)
406935.66 3747865.37 0.11182 (14120316) 406945.66
3747865.37 0.12122 (14120316)
406955.66 3747865.37 0.12541 (14120316) 406965.65
3747865.37 0.12414 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406975.65	3747865.37	0.11791	(14120316)	406876.59	3747866.60	0.06241	(14021809)
406867.50	3747862.84	0.06105	(14021809)	406858.41	3747859.07	0.05752	(14021809)
406840.22	3747851.54	0.05363	(15021709)	406831.13	3747847.78	0.05542	(15021709)
406818.27	3747834.92	0.05806	(15021709)	406814.51	3747825.83	0.05888	(15021709)
406810.74	3747816.74	0.05758	(15021709)	406806.98	3747807.64	0.05415	(15021709)
406803.21	3747798.55	0.06104	(13121916)	406799.45	3747789.46	0.07348	(13121916)
406885.68	3747870.37	0.06141	(14021809)	406895.68	3747870.37	0.06098	(14021809)
406905.67	3747870.37	0.06061	(14120316)	406915.67	3747870.37	0.07647	(14120316)
406925.67	3747870.37	0.09160	(14120316)	406935.66	3747870.37	0.10438	(14120316)
406945.66	3747870.37	0.11342	(14120316)	406955.66	3747870.37	0.11781	(14120316)
406965.65	3747870.37	0.11727	(14120316)	406975.65	3747870.37	0.11216	(14120316)
406877.28	3747871.89	0.05917	(14021809)	406868.89	3747868.41	0.05863	(14021809)
406860.49	3747864.94	0.05631	(14021809)	406852.09	3747861.46	0.05243	(14021809)
406843.70	3747857.98	0.04842	(15021709)	406835.30	3747854.50	0.05123	(15021709)
406826.90	3747851.02	0.05258	(15021709)	406815.03	3747839.15	0.05489	(15021709)
406811.55	3747830.75	0.05584	(15021709)	406808.07	3747822.35	0.05516	(15021709)
406804.59	3747813.96	0.05280	(15021709)	406801.11	3747805.56	0.05060	(13121916)
406797.64	3747797.16	0.06187	(13121916)	406794.16	3747788.77	0.07221	(13121916)
406885.68	3747875.37	0.05788	(14021809)	406895.68	3747875.37	0.05712	(14021809)
406905.67	3747875.37	0.05699	(14120316)	406915.67	3747875.37	0.07161	(14120316)
406925.67	3747875.37	0.08565	(14120316)	406935.66	3747875.37	0.09762	(14120316)
406945.66	3747875.37	0.10629	(14120316)	406955.66	3747875.37	0.11082	(14120316)
406965.65	3747875.37	0.11088	(14120316)	406975.65	3747875.37	0.10674	(14120316)
406876.84	3747876.71	0.05613	(14021809)	406868.00	3747873.05	0.05584	(14021809)
406859.16	3747869.39	0.05373	(14021809)	406850.32	3747865.73	0.05000	(14021809)
406841.49	3747862.06	0.04553	(15021709)	406832.65	3747858.40	0.04844	(15021709)
406823.81	3747854.74	0.04987	(15021709)	406811.31	3747842.24	0.05217	(15021709)
406807.65	3747833.40	0.05304	(15021709)	406803.99	3747824.56	0.05224	(15021709)
406800.32	3747815.73	0.04973	(15021709)	406796.66	3747806.89	0.04852	(13121916)

406793.00 3747798.05 0.05958 (13121916) 406789.34
3747789.21 0.06965 (13121916)
406885.68 3747880.37 0.05459 (14021809) 406895.68
3747880.37 0.05356 (14021809)
406905.67 3747880.37 0.05366 (14120316) 406915.67
3747880.37 0.06719 (14120316)
406925.67 3747880.37 0.08022 (14120316) 406935.66
3747880.37 0.09145 (14120316)
406945.66 3747880.37 0.09977 (14120316) 406955.66
3747880.37 0.10437 (14120316)
406965.65 3747880.37 0.10494 (14120316) 406975.65
3747880.37 0.10163 (14120316)
406885.68 3747780.37 0.21040 (15021709) 406975.65
3747780.37 0.26553 (14120316)
406975.56 3747690.40 0.21701 (15122816) 406885.68
3747690.40 0.23675 (13112916)

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01781 AT (406935.66, 3747785.37, 29.00, 29.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.01737 AT (406945.66, 3747785.37, 29.00, 29.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.01685 AT (406925.67, 3747785.37, 29.00, 29.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.01582 AT (406955.66, 3747785.37, 29.00, 29.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.01570 AT (406980.62, 3747750.37, 29.00, 29.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.01555 AT (406980.61, 3747740.38, 29.00, 29.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.01508 AT (406935.66, 3747790.37, 29.00, 29.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.01489 AT (406945.66, 3747790.37, 29.00, 29.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.01469 AT (406980.63, 3747760.37, 29.00, 29.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.01459 AT (406915.67, 3747785.37, 29.00, 29.00, 0.00)	DC	

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

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.49395	ON 14120316: AT (406935.66, 3747785.37, 29.00, 29.00, 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   2 Warning Message(s)
A Total of   2285 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   1588 Calm Hours Identified

A Total of   697 Missing Hours Identified (1.59 Percent)

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

********   WARNING MESSAGES   ********
ME W186   1445   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   1445   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 3ac\14635 Cons
3ac.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT CONC FLAT
   AVERTIME 1 PERIOD
   URBANOPT 3010232 Orange_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 Cons 3ac.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     406930.700  3747735.370          0.0
** Source Parameters **
   SRCPARAM VOL1         0.0005968321     5.000    25.624     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
```

```
**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** ----------
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** ----------
   DISCCART    406990.74   3747790.50
   DISCCART    406990.74   3747781.32
   DISCCART    406990.74   3747772.13
   DISCCART    406990.74   3747762.94
   DISCCART    406990.75   3747753.76
   DISCCART    406990.75   3747744.57
   DISCCART    406990.75   3747735.39
   DISCCART    406990.75   3747726.20
   DISCCART    406990.75   3747717.01
   DISCCART    406990.75   3747707.83
   DISCCART    406990.76   3747698.64
   DISCCART    406990.76   3747689.46
   DISCCART    406990.76   3747680.27
   DISCCART    406995.74   3747790.50
   DISCCART    406995.74   3747781.32
   DISCCART    406995.74   3747772.13
   DISCCART    406995.74   3747762.94
   DISCCART    406995.75   3747753.76
   DISCCART    406995.75   3747744.57
   DISCCART    406995.75   3747735.39
   DISCCART    406995.75   3747726.20
   DISCCART    406995.75   3747717.02
   DISCCART    406995.75   3747707.83
   DISCCART    406995.76   3747698.64
   DISCCART    406995.76   3747689.46
   DISCCART    406995.76   3747680.27
   DISCCART    406998.54   3747795.81
   DISCCART    406991.04   3747803.30
   DISCCART    407000.74   3747790.50
   DISCCART    407000.74   3747781.32
   DISCCART    407000.74   3747772.13
   DISCCART    407000.74   3747762.95
   DISCCART    407000.75   3747753.76
   DISCCART    407000.75   3747744.57
   DISCCART    407000.75   3747735.39
   DISCCART    407000.75   3747726.20
   DISCCART    407000.75   3747717.02
   DISCCART    407000.75   3747707.83
   DISCCART    407000.76   3747698.64
   DISCCART    407000.76   3747689.46
   DISCCART    407000.76   3747680.27
   DISCCART    407002.81   3747797.57
   DISCCART    406992.81   3747807.57
   DISCCART    407005.74   3747790.50
   DISCCART    407005.74   3747781.32
   DISCCART    407005.74   3747772.13
   DISCCART    407005.74   3747762.95
   DISCCART    407005.75   3747753.76
   DISCCART    407005.75   3747744.57
   DISCCART    407005.75   3747735.39
   DISCCART    407005.75   3747726.20
```

DISCCART	407005.75	3747717.02
DISCCART	407005.75	3747707.83
DISCCART	407005.76	3747698.65
DISCCART	407005.76	3747689.46
DISCCART	407005.76	3747680.27
DISCCART	407008.30	3747796.40
DISCCART	407005.86	3747802.29
DISCCART	406997.52	3747810.62
DISCCART	406991.63	3747813.06
DISCCART	407010.74	3747790.50
DISCCART	407010.74	3747781.32
DISCCART	407010.74	3747772.13
DISCCART	407010.74	3747762.95
DISCCART	407010.75	3747753.76
DISCCART	407010.75	3747744.58
DISCCART	407010.75	3747735.39
DISCCART	407010.75	3747726.20
DISCCART	407010.75	3747717.02
DISCCART	407010.75	3747707.83
DISCCART	407010.76	3747698.65
DISCCART	407010.76	3747689.46
DISCCART	407010.76	3747680.27
DISCCART	407012.81	3747797.58
DISCCART	407009.88	3747804.65
DISCCART	406999.88	3747814.64
DISCCART	406992.81	3747817.57
DISCCART	407015.74	3747790.51
DISCCART	407015.74	3747781.32
DISCCART	407015.74	3747772.13
DISCCART	407015.74	3747762.95
DISCCART	407015.75	3747753.76
DISCCART	407015.75	3747744.58
DISCCART	407015.75	3747735.39
DISCCART	407015.75	3747726.20
DISCCART	407015.75	3747717.02
DISCCART	407015.75	3747707.83
DISCCART	407015.76	3747698.65
DISCCART	407015.76	3747689.46
DISCCART	407015.76	3747680.28
DISCCART	407017.32	3747798.75
DISCCART	407013.90	3747807.00
DISCCART	407002.24	3747818.67
DISCCART	406993.99	3747822.08
DISCCART	407020.74	3747790.51
DISCCART	407020.74	3747781.32
DISCCART	407020.74	3747772.13
DISCCART	407020.74	3747762.95
DISCCART	407020.75	3747753.76
DISCCART	407020.75	3747744.58
DISCCART	407020.75	3747735.39
DISCCART	407020.75	3747726.21
DISCCART	407020.75	3747717.02
DISCCART	407020.75	3747707.83
DISCCART	407020.76	3747698.65
DISCCART	407020.76	3747689.46
DISCCART	407020.76	3747680.28
DISCCART	407022.81	3747797.58
DISCCART	407019.88	3747804.65
DISCCART	407016.95	3747811.72
DISCCART	407006.95	3747821.72
DISCCART	406999.88	3747824.64
DISCCART	406992.81	3747827.57
DISCCART	407025.74	3747790.51
DISCCART	407025.74	3747781.32
DISCCART	407025.74	3747772.14
DISCCART	407025.74	3747762.95

DISCCART	407025.75	3747753.76
DISCCART	407025.75	3747744.58
DISCCART	407025.75	3747735.39
DISCCART	407025.75	3747726.21
DISCCART	407025.75	3747717.02
DISCCART	407025.75	3747707.83
DISCCART	407025.76	3747698.65
DISCCART	407025.76	3747689.46
DISCCART	407025.76	3747680.28
DISCCART	407027.44	3747798.46
DISCCART	407024.15	3747806.42
DISCCART	407020.85	3747814.37
DISCCART	407009.60	3747825.62
DISCCART	407001.65	3747828.91
DISCCART	406993.69	3747832.21
DISCCART	407030.74	3747790.51
DISCCART	407030.74	3747781.32
DISCCART	407030.74	3747772.14
DISCCART	407030.74	3747762.95
DISCCART	407030.75	3747753.76
DISCCART	407030.75	3747744.58
DISCCART	407030.75	3747735.39
DISCCART	407030.75	3747726.21
DISCCART	407030.75	3747717.02
DISCCART	407030.75	3747707.84
DISCCART	407030.76	3747698.65
DISCCART	407030.76	3747689.46
DISCCART	407030.76	3747680.28
DISCCART	407032.81	3747797.58
DISCCART	407029.88	3747804.65
DISCCART	407026.95	3747811.72
DISCCART	407024.02	3747818.79
DISCCART	407014.02	3747828.79
DISCCART	407006.95	3747831.72
DISCCART	406999.88	3747834.64
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DISCCART	406794.42	3747824.06
DISCCART	406790.94	3747815.66
DISCCART	406787.46	3747807.26
DISCCART	406783.99	3747798.87
DISCCART	406875.51	3747885.50
DISCCART	406884.70	3747885.50
DISCCART	406893.88	3747885.50
DISCCART	406903.07	3747885.50
DISCCART	406912.25	3747885.50
DISCCART	406921.44	3747885.50
DISCCART	406930.63	3747885.50
DISCCART	406939.81	3747885.50
DISCCART	406949.00	3747885.50
DISCCART	406958.18	3747885.50
DISCCART	406967.37	3747885.50
DISCCART	406976.55	3747885.50
DISCCART	406985.74	3747885.50
DISCCART	406867.65	3747887.24
DISCCART	406859.79	3747883.99
DISCCART	406851.94	3747880.73
DISCCART	406844.08	3747877.48
DISCCART	406836.22	3747874.22
DISCCART	406828.36	3747870.97
DISCCART	406820.50	3747867.71
DISCCART	406812.64	3747864.45
DISCCART	406801.53	3747853.34
DISCCART	406798.28	3747845.48
DISCCART	406795.03	3747837.62
DISCCART	406791.77	3747829.76
DISCCART	406788.52	3747821.90
DISCCART	406785.27	3747814.04

```
   DISCCART    406782.02   3747806.18
   DISCCART    406778.76   3747798.32
   DISCCART    406875.51   3747890.50
   DISCCART    406884.70   3747890.50
   DISCCART    406893.88   3747890.50
   DISCCART    406903.07   3747890.50
   DISCCART    406912.25   3747890.50
   DISCCART    406921.44   3747890.50
   DISCCART    406930.63   3747890.50
   DISCCART    406939.81   3747890.50
   DISCCART    406949.00   3747890.50
   DISCCART    406958.18   3747890.50
   DISCCART    406967.37   3747890.50
   DISCCART    406976.55   3747890.50
   DISCCART    406985.74   3747890.50
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    406875.51   3747790.50
   DISCCART    406985.74   3747790.50
   DISCCART    406985.76   3747680.27
   DISCCART    406875.55   3747680.27
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "14635 CONS 3AC.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "14635 CONS 3AC.AD\PE00GALL.PLT" 32
   SUMMFILE "14635 Cons 3ac.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    1752       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1752       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:39:57

                      PAGE   1
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Assumes Receptors on FLAT Terrain.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and    1654 Receptor(s)

                 with:     0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                  and:     1 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:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD 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) = 29.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 Cons 3ac.err
**File for Summary of Results: 14635 Cons 3ac.sum

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
VOL1	0	0.59683E-03	406930.7	3747735.4	29.0	5.00	25.62	1.40
YES HRDOW								

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

3010232. VOL1 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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

(406990.7, 3747790.5, 29.0, 29.0, 0.0); (406990.7, 3747781.3, 29.0, 29.0, 0.0);
(406990.7, 3747772.1, 29.0, 29.0, 0.0); (406990.7, 3747762.9, 29.0, 29.0, 0.0);

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(406990.8, 3747735.4, 29.0, 29.0, 0.0); (406990.8, 3747726.2, 29.0, 29.0, 0.0);
(406990.8, 3747717.0, 29.0, 29.0, 0.0); (406990.8, 3747707.8, 29.0, 29.0, 0.0);
(406990.8, 3747698.6, 29.0, 29.0, 0.0); (406990.8, 3747689.5, 29.0, 29.0, 0.0);
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(406995.7, 3747762.9, 29.0, 29.0, 0.0); (406995.8, 3747753.8, 29.0, 29.0, 0.0);
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(406995.8, 3747726.2, 29.0, 29.0, 0.0); (406995.8, 3747717.0, 29.0, 29.0, 0.0);
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(407000.8, 3747717.0, 29.0, 29.0, 0.0); (407000.8, 3747707.8, 29.0, 29.0, 0.0);
(407000.8, 3747698.6, 29.0, 29.0, 0.0); (407000.8, 3747689.5, 29.0, 29.0, 0.0);
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(407005.8, 3747726.2, 29.0, 29.0, 0.0); (407005.8, 3747717.0, 29.0, 29.0, 0.0);
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(407010.8, 3747735.4, 29.0, 29.0, 0.0); (407010.8, 3747726.2, 29.0, 29.0, 0.0);
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407017.3, 3747798.8, 29.0, 29.0, 0.0); (407013.9, 3747807.0, 29.0, 29.0, 0.0);
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(407020.8, 3747698.6, 29.0, 29.0, 0.0); (407020.8, 3747689.5, 29.0, 29.0, 0.0);
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(407025.8, 3747726.2, 29.0, 29.0, 0.0); (407025.8, 3747717.0, 29.0, 29.0, 0.0);
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(407040.8, 3747744.6, 29.0, 29.0, 0.0); (407040.8,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(407040.8, 3747726.2, 29.0, 29.0, 0.0); (407040.8, 3747717.0, 29.0, 29.0, 0.0);
(407040.8, 3747707.8, 29.0, 29.0, 0.0); (407040.8, 3747698.6, 29.0, 29.0, 0.0);
(407040.8, 3747689.5, 29.0, 29.0, 0.0); (407040.8, 3747680.3, 29.0, 29.0, 0.0);
(407042.2, 3747799.0, 29.0, 29.0, 0.0); (407038.7, 3747807.5, 29.0, 29.0, 0.0);
(407035.2, 3747816.0, 29.0, 29.0, 0.0); (407031.7, 3747824.4, 29.0, 29.0, 0.0);
(407019.7, 3747836.4, 29.0, 29.0, 0.0); (407011.2, 3747840.0, 29.0, 29.0, 0.0);
(407002.7, 3747843.5, 29.0, 29.0, 0.0); (406994.2, 3747847.0, 29.0, 29.0, 0.0);
(407045.7, 3747790.5, 29.0, 29.0, 0.0); (407045.7, 3747781.3, 29.0, 29.0, 0.0);
(407045.7, 3747772.1, 29.0, 29.0, 0.0); (407045.7, 3747762.9, 29.0, 29.0, 0.0);
(407045.8, 3747753.8, 29.0, 29.0, 0.0); (407045.8, 3747744.6, 29.0, 29.0, 0.0);
(407045.8, 3747735.4, 29.0, 29.0, 0.0); (407045.8, 3747726.2, 29.0, 29.0, 0.0);
(407045.8, 3747717.0, 29.0, 29.0, 0.0); (407045.8, 3747707.8, 29.0, 29.0, 0.0);
(407045.8, 3747698.6, 29.0, 29.0, 0.0); (407045.8, 3747689.5, 29.0, 29.0, 0.0);
(407045.8, 3747680.3, 29.0, 29.0, 0.0); (407047.6, 3747798.2, 29.0, 29.0, 0.0);
(407044.4, 3747805.8, 29.0, 29.0, 0.0); (407041.2, 3747813.5, 29.0, 29.0, 0.0);
(407038.0, 3747821.1, 29.0, 29.0, 0.0); (407034.9, 3747828.8, 29.0, 29.0, 0.0);
(407024.0, 3747839.6, 29.0, 29.0, 0.0); (407016.4, 3747842.8, 29.0, 29.0, 0.0);
(407008.7, 3747846.0, 29.0, 29.0, 0.0); (407001.1, 3747849.2, 29.0, 29.0, 0.0);
(406993.4, 3747852.3, 29.0, 29.0, 0.0); (407050.7, 3747790.5, 29.0, 29.0, 0.0);
(407050.7, 3747781.3, 29.0, 29.0, 0.0); (407050.7, 3747772.1, 29.0, 29.0, 0.0);
(407050.7, 3747762.9, 29.0, 29.0, 0.0); (407050.8, 3747753.8, 29.0, 29.0, 0.0);
(407050.8, 3747744.6, 29.0, 29.0, 0.0); (407050.8, 3747735.4, 29.0, 29.0, 0.0);
(407050.8, 3747726.2, 29.0, 29.0, 0.0); (407050.8, 3747717.0, 29.0, 29.0, 0.0);
(407050.8, 3747707.8, 29.0, 29.0, 0.0); (407050.8, 3747698.6, 29.0, 29.0, 0.0);
(407050.8, 3747689.5, 29.0, 29.0, 0.0); (407050.8, 3747680.3, 29.0, 29.0, 0.0);
(407052.3, 3747798.8, 29.0, 29.0, 0.0); (407048.9, 3747807.0, 29.0, 29.0, 0.0);
(407045.5, 3747815.3, 29.0, 29.0, 0.0); (407042.1, 3747823.5, 29.0, 29.0, 0.0);
(407038.6, 3747831.8, 29.0, 29.0, 0.0); (407027.0, 3747843.4, 29.0, 29.0, 0.0);
(407018.7, 3747846.8, 29.0, 29.0, 0.0); (407010.5, 3747850.2, 29.0, 29.0, 0.0);
(407002.2, 3747853.7, 29.0, 29.0, 0.0); (406994.0, 3747857.1, 29.0, 29.0, 0.0);
(407055.7, 3747790.5, 29.0, 29.0, 0.0); (407055.7, 3747781.3, 29.0, 29.0, 0.0);
(407055.7, 3747772.1, 29.0, 29.0, 0.0); (407055.7, 3747763.0, 29.0, 29.0, 0.0);

(407055.8, 3747753.8, 29.0, 29.0, 0.0); (407055.8,
3747744.6, 29.0, 29.0, 0.0);
(407055.8, 3747735.4, 29.0, 29.0, 0.0); (407055.8,
3747726.2, 29.0, 29.0, 0.0);
(407055.8, 3747717.0, 29.0, 29.0, 0.0); (407055.8,
3747707.8, 29.0, 29.0, 0.0);
(407055.8, 3747698.6, 29.0, 29.0, 0.0); (407055.8,
3747689.5, 29.0, 29.0, 0.0);
(407055.8, 3747680.3, 29.0, 29.0, 0.0); (407057.6,
3747798.1, 29.0, 29.0, 0.0);
(407054.5, 3747805.7, 29.0, 29.0, 0.0); (407051.3,
3747813.2, 29.0, 29.0, 0.0);
(407048.2, 3747820.8, 29.0, 29.0, 0.0); (407045.0,
3747828.4, 29.0, 29.0, 0.0);
(407041.9, 3747836.0, 29.0, 29.0, 0.0); (407031.2,
3747846.7, 29.0, 29.0, 0.0);
(407023.6, 3747849.8, 29.0, 29.0, 0.0); (407016.0,
3747852.9, 29.0, 29.0, 0.0);
(407008.5, 3747856.1, 29.0, 29.0, 0.0); (407000.9,
3747859.2, 29.0, 29.0, 0.0);
(406993.3, 3747862.4, 29.0, 29.0, 0.0); (407060.7,
3747790.5, 29.0, 29.0, 0.0);
(407060.7, 3747781.3, 29.0, 29.0, 0.0); (407060.7,
3747772.1, 29.0, 29.0, 0.0);
(407060.7, 3747763.0, 29.0, 29.0, 0.0); (407060.8,
3747753.8, 29.0, 29.0, 0.0);

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

(407060.8, 3747744.6, 29.0, 29.0, 0.0); (407060.8,
3747735.4, 29.0, 29.0, 0.0);
(407060.8, 3747726.2, 29.0, 29.0, 0.0); (407060.8,
3747717.0, 29.0, 29.0, 0.0);
(407060.8, 3747707.8, 29.0, 29.0, 0.0); (407060.8,
3747698.7, 29.0, 29.0, 0.0);
(407060.8, 3747689.5, 29.0, 29.0, 0.0); (407060.8,
3747680.3, 29.0, 29.0, 0.0);
(407062.4, 3747798.6, 29.0, 29.0, 0.0); (407059.0,
3747806.7, 29.0, 29.0, 0.0);
(407055.7, 3747814.8, 29.0, 29.0, 0.0); (407052.3,
3747822.8, 29.0, 29.0, 0.0);
(407049.0, 3747830.9, 29.0, 29.0, 0.0); (407045.6,
3747839.0, 29.0, 29.0, 0.0);
(407034.2, 3747850.4, 29.0, 29.0, 0.0); (407026.1,
3747853.8, 29.0, 29.0, 0.0);
(407010.0, 3747860.5, 29.0, 29.0, 0.0); (407001.9,
3747863.8, 29.0, 29.0, 0.0);
(406993.8, 3747867.1, 29.0, 29.0, 0.0); (407065.7,
3747790.5, 29.0, 29.0, 0.0);
(407065.7, 3747781.3, 29.0, 29.0, 0.0); (407065.7,
3747772.1, 29.0, 29.0, 0.0);
(407065.7, 3747763.0, 29.0, 29.0, 0.0); (407065.8,
3747753.8, 29.0, 29.0, 0.0);
(407065.8, 3747744.6, 29.0, 29.0, 0.0); (407065.8,
3747735.4, 29.0, 29.0, 0.0);
(407065.8, 3747726.2, 29.0, 29.0, 0.0); (407065.8,
3747717.0, 29.0, 29.0, 0.0);

(407065.8, 3747707.8, 29.0, 29.0, 0.0); (407065.8,
3747698.7, 29.0, 29.0, 0.0);
(407065.8, 3747689.5, 29.0, 29.0, 0.0); (407065.8,
3747680.3, 29.0, 29.0, 0.0);
(407067.6, 3747798.0, 29.0, 29.0, 0.0); (407064.5,
3747805.5, 29.0, 29.0, 0.0);
(407061.4, 3747813.0, 29.0, 29.0, 0.0); (407058.3,
3747820.6, 29.0, 29.0, 0.0);
(407055.2, 3747828.1, 29.0, 29.0, 0.0); (407052.1,
3747835.6, 29.0, 29.0, 0.0);
(407049.0, 3747843.1, 29.0, 29.0, 0.0); (407038.3,
3747853.7, 29.0, 29.0, 0.0);
(407030.8, 3747856.8, 29.0, 29.0, 0.0); (407023.3,
3747859.9, 29.0, 29.0, 0.0);
(407015.8, 3747863.0, 29.0, 29.0, 0.0); (407008.3,
3747866.2, 29.0, 29.0, 0.0);
(407000.8, 3747869.3, 29.0, 29.0, 0.0); (406993.2,
3747872.4, 29.0, 29.0, 0.0);
(407070.7, 3747790.5, 29.0, 29.0, 0.0); (407070.7,
3747781.3, 29.0, 29.0, 0.0);
(407070.7, 3747772.1, 29.0, 29.0, 0.0); (407070.7,
3747763.0, 29.0, 29.0, 0.0);
(407070.8, 3747753.8, 29.0, 29.0, 0.0); (407070.8,
3747744.6, 29.0, 29.0, 0.0);
(407070.8, 3747735.4, 29.0, 29.0, 0.0); (407070.8,
3747726.2, 29.0, 29.0, 0.0);
(407070.8, 3747717.0, 29.0, 29.0, 0.0); (407070.8,
3747707.8, 29.0, 29.0, 0.0);
(407070.8, 3747698.7, 29.0, 29.0, 0.0); (407070.8,
3747689.5, 29.0, 29.0, 0.0);
(407070.8, 3747680.3, 29.0, 29.0, 0.0); (407072.4,
3747798.5, 29.0, 29.0, 0.0);
(407069.1, 3747806.4, 29.0, 29.0, 0.0); (407065.8,
3747814.4, 29.0, 29.0, 0.0);
(407062.6, 3747822.3, 29.0, 29.0, 0.0); (407059.3,
3747830.3, 29.0, 29.0, 0.0);
(407056.0, 3747838.2, 29.0, 29.0, 0.0); (407052.7,
3747846.2, 29.0, 29.0, 0.0);
(407041.4, 3747857.4, 29.0, 29.0, 0.0); (407033.5,
3747860.7, 29.0, 29.0, 0.0);
(407025.5, 3747864.0, 29.0, 29.0, 0.0); (407017.6,
3747867.3, 29.0, 29.0, 0.0);
(407001.6, 3747873.9, 29.0, 29.0, 0.0); (406993.7,
3747877.2, 29.0, 29.0, 0.0);
(407075.7, 3747790.5, 29.0, 29.0, 0.0); (407075.7,
3747781.3, 29.0, 29.0, 0.0);
(407075.7, 3747772.1, 29.0, 29.0, 0.0); (407075.7,
3747763.0, 29.0, 29.0, 0.0);
(407075.8, 3747753.8, 29.0, 29.0, 0.0); (407075.8,
3747744.6, 29.0, 29.0, 0.0);
(407075.8, 3747735.4, 29.0, 29.0, 0.0); (407075.8,
3747726.2, 29.0, 29.0, 0.0);
(407075.8, 3747717.0, 29.0, 29.0, 0.0); (407075.8,
3747707.8, 29.0, 29.0, 0.0);
(407075.8, 3747698.7, 29.0, 29.0, 0.0); (407075.8,
3747689.5, 29.0, 29.0, 0.0);
(407075.8, 3747680.3, 29.0, 29.0, 0.0); (407077.3,
3747798.9, 29.0, 29.0, 0.0);
(407073.8, 3747807.3, 29.0, 29.0, 0.0); (407070.3,
3747815.7, 29.0, 29.0, 0.0);
(407066.8, 3747824.1, 29.0, 29.0, 0.0); (407063.3,
3747832.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407059.9, 3747840.9, 29.0, 29.0, 0.0); (407056.4, 3747849.3, 29.0, 29.0, 0.0);
(407044.5, 3747861.2, 29.0, 29.0, 0.0); (407036.1, 3747864.6, 29.0, 29.0, 0.0);
(407027.7, 3747868.1, 29.0, 29.0, 0.0); (407019.3, 3747871.6, 29.0, 29.0, 0.0);
(407010.9, 3747875.1, 29.0, 29.0, 0.0); (407002.5, 3747878.5, 29.0, 29.0, 0.0);
(406994.1, 3747882.0, 29.0, 29.0, 0.0); (407080.7, 3747790.5, 29.0, 29.0, 0.0);
(407080.7, 3747781.3, 29.0, 29.0, 0.0); (407080.7, 3747772.1, 29.0, 29.0, 0.0);
(407080.7, 3747763.0, 29.0, 29.0, 0.0); (407080.8, 3747753.8, 29.0, 29.0, 0.0);
(407080.8, 3747744.6, 29.0, 29.0, 0.0); (407080.8, 3747735.4, 29.0, 29.0, 0.0);
(407080.8, 3747726.2, 29.0, 29.0, 0.0); (407080.8, 3747717.0, 29.0, 29.0, 0.0);
(407080.8, 3747707.8, 29.0, 29.0, 0.0); (407080.8, 3747698.7, 29.0, 29.0, 0.0);
(407080.8, 3747689.5, 29.0, 29.0, 0.0); (407080.8, 3747680.3, 29.0, 29.0, 0.0);
(407082.5, 3747798.4, 29.0, 29.0, 0.0); (407079.2, 3747806.2, 29.0, 29.0, 0.0);
(407076.0, 3747814.1, 29.0, 29.0, 0.0); (407072.7, 3747821.9, 29.0, 29.0, 0.0);
(407069.5, 3747829.8, 29.0, 29.0, 0.0); (407066.2, 3747837.6, 29.0, 29.0, 0.0);
(407063.0, 3747845.5, 29.0, 29.0, 0.0); (407059.7, 3747853.4, 29.0, 29.0, 0.0);
(407048.6, 3747864.5, 29.0, 29.0, 0.0); (407040.7, 3747867.7, 29.0, 29.0, 0.0);
(407032.9, 3747871.0, 29.0, 29.0, 0.0); (407025.0, 3747874.2, 29.0, 29.0, 0.0);
(407017.2, 3747877.5, 29.0, 29.0, 0.0); (407009.3, 3747880.7, 29.0, 29.0, 0.0);
(407001.5, 3747884.0, 29.0, 29.0, 0.0); (406993.6, 3747887.2, 29.0, 29.0, 0.0);
(407085.7, 3747790.5, 29.0, 29.0, 0.0); (407085.7, 3747781.3, 29.0, 29.0, 0.0);
(407085.7, 3747772.1, 29.0, 29.0, 0.0); (407085.7, 3747763.0, 29.0, 29.0, 0.0);
(407085.8, 3747753.8, 29.0, 29.0, 0.0); (407085.8, 3747744.6, 29.0, 29.0, 0.0);
(407085.8, 3747735.4, 29.0, 29.0, 0.0); (407085.8, 3747726.2, 29.0, 29.0, 0.0);
(407085.8, 3747717.0, 29.0, 29.0, 0.0); (407085.8, 3747707.8, 29.0, 29.0, 0.0);
(407085.8, 3747698.7, 29.0, 29.0, 0.0); (407085.8, 3747689.5, 29.0, 29.0, 0.0);
(407085.8, 3747680.3, 29.0, 29.0, 0.0); (406985.8, 3747675.3, 29.0, 29.0, 0.0);
(406976.6, 3747675.3, 29.0, 29.0, 0.0); (406967.4, 3747675.3, 29.0, 29.0, 0.0);
(406958.2, 3747675.3, 29.0, 29.0, 0.0); (406949.0, 3747675.3, 29.0, 29.0, 0.0);
(406939.8, 3747675.3, 29.0, 29.0, 0.0); (406930.7, 3747675.3, 29.0, 29.0, 0.0);

(406921.5, 3747675.3, 29.0, 29.0, 0.0); (406912.3,
3747675.3, 29.0, 29.0, 0.0);
(406903.1, 3747675.3, 29.0, 29.0, 0.0); (406893.9,
3747675.3, 29.0, 29.0, 0.0);
(406884.7, 3747675.3, 29.0, 29.0, 0.0); (406875.5,
3747675.3, 29.0, 29.0, 0.0);
(406985.8, 3747670.3, 29.0, 29.0, 0.0); (406976.6,
3747670.3, 29.0, 29.0, 0.0);
(406967.4, 3747670.3, 29.0, 29.0, 0.0); (406958.2,
3747670.3, 29.0, 29.0, 0.0);
(406949.0, 3747670.3, 29.0, 29.0, 0.0); (406939.8,
3747670.3, 29.0, 29.0, 0.0);
(406930.7, 3747670.3, 29.0, 29.0, 0.0); (406921.5,
3747670.3, 29.0, 29.0, 0.0);
(406912.3, 3747670.3, 29.0, 29.0, 0.0); (406903.1,
3747670.3, 29.0, 29.0, 0.0);
(406893.9, 3747670.3, 29.0, 29.0, 0.0); (406884.7,
3747670.3, 29.0, 29.0, 0.0);
(406875.5, 3747670.3, 29.0, 29.0, 0.0); (406991.1,
3747667.5, 29.0, 29.0, 0.0);
(406998.6, 3747675.0, 29.0, 29.0, 0.0); (406985.8,
3747665.3, 29.0, 29.0, 0.0);
(406976.6, 3747665.3, 29.0, 29.0, 0.0); (406967.4,
3747665.3, 29.0, 29.0, 0.0);
(406958.2, 3747665.3, 29.0, 29.0, 0.0); (406949.0,
3747665.3, 29.0, 29.0, 0.0);
(406939.8, 3747665.3, 29.0, 29.0, 0.0); (406930.7,
3747665.3, 29.0, 29.0, 0.0);
(406921.5, 3747665.3, 29.0, 29.0, 0.0); (406912.3,
3747665.3, 29.0, 29.0, 0.0);
(406903.1, 3747665.3, 29.0, 29.0, 0.0); (406893.9,
3747665.3, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406884.7, 3747665.3, 29.0, 29.0, 0.0); (406875.5,
3747665.3, 29.0, 29.0, 0.0);
(406992.8, 3747663.2, 29.0, 29.0, 0.0); (407002.8,
3747673.2, 29.0, 29.0, 0.0);
(406985.8, 3747660.3, 29.0, 29.0, 0.0); (406976.6,
3747660.3, 29.0, 29.0, 0.0);
(406967.4, 3747660.3, 29.0, 29.0, 0.0); (406958.2,
3747660.3, 29.0, 29.0, 0.0);
(406949.0, 3747660.3, 29.0, 29.0, 0.0); (406939.8,
3747660.3, 29.0, 29.0, 0.0);
(406930.7, 3747660.3, 29.0, 29.0, 0.0); (406921.5,
3747660.3, 29.0, 29.0, 0.0);
(406912.3, 3747660.3, 29.0, 29.0, 0.0); (406903.1,
3747660.3, 29.0, 29.0, 0.0);
(406893.9, 3747660.3, 29.0, 29.0, 0.0); (406884.7,
3747660.3, 29.0, 29.0, 0.0);
(406875.5, 3747660.3, 29.0, 29.0, 0.0); (406991.6,
3747657.7, 29.0, 29.0, 0.0);
(406997.5, 3747660.1, 29.0, 29.0, 0.0); (407005.9,
3747668.5, 29.0, 29.0, 0.0);
(407008.3, 3747674.4, 29.0, 29.0, 0.0); (406985.8,
3747655.3, 29.0, 29.0, 0.0);

(406976.6, 3747655.3, 29.0, 29.0, 0.0); (406967.4, 3747655.3, 29.0, 29.0, 0.0);
(406958.2, 3747655.3, 29.0, 29.0, 0.0); (406949.0, 3747655.3, 29.0, 29.0, 0.0);
(406939.8, 3747655.3, 29.0, 29.0, 0.0); (406930.7, 3747655.3, 29.0, 29.0, 0.0);
(406921.5, 3747655.3, 29.0, 29.0, 0.0); (406912.3, 3747655.3, 29.0, 29.0, 0.0);
(406903.1, 3747655.3, 29.0, 29.0, 0.0); (406893.9, 3747655.3, 29.0, 29.0, 0.0);
(406884.7, 3747655.3, 29.0, 29.0, 0.0); (406875.5, 3747655.3, 29.0, 29.0, 0.0);
(406992.8, 3747653.2, 29.0, 29.0, 0.0); (406999.9, 3747656.1, 29.0, 29.0, 0.0);
(407009.9, 3747666.1, 29.0, 29.0, 0.0); (407012.8, 3747673.2, 29.0, 29.0, 0.0);
(406985.8, 3747650.3, 29.0, 29.0, 0.0); (406976.6, 3747650.3, 29.0, 29.0, 0.0);
(406967.4, 3747650.3, 29.0, 29.0, 0.0); (406958.2, 3747650.3, 29.0, 29.0, 0.0);
(406949.0, 3747650.3, 29.0, 29.0, 0.0); (406939.8, 3747650.3, 29.0, 29.0, 0.0);
(406930.7, 3747650.3, 29.0, 29.0, 0.0); (406921.5, 3747650.3, 29.0, 29.0, 0.0);
(406912.3, 3747650.3, 29.0, 29.0, 0.0); (406903.1, 3747650.3, 29.0, 29.0, 0.0);
(406893.9, 3747650.3, 29.0, 29.0, 0.0); (406884.7, 3747650.3, 29.0, 29.0, 0.0);
(406875.5, 3747650.3, 29.0, 29.0, 0.0); (406994.0, 3747648.7, 29.0, 29.0, 0.0);
(407002.3, 3747652.1, 29.0, 29.0, 0.0); (407013.9, 3747663.8, 29.0, 29.0, 0.0);
(407017.3, 3747672.0, 29.0, 29.0, 0.0); (406985.8, 3747645.3, 29.0, 29.0, 0.0);
(406976.6, 3747645.3, 29.0, 29.0, 0.0); (406967.4, 3747645.3, 29.0, 29.0, 0.0);
(406958.2, 3747645.3, 29.0, 29.0, 0.0); (406949.0, 3747645.3, 29.0, 29.0, 0.0);
(406939.8, 3747645.3, 29.0, 29.0, 0.0); (406930.7, 3747645.3, 29.0, 29.0, 0.0);
(406921.5, 3747645.3, 29.0, 29.0, 0.0); (406912.3, 3747645.3, 29.0, 29.0, 0.0);
(406903.1, 3747645.3, 29.0, 29.0, 0.0); (406893.9, 3747645.3, 29.0, 29.0, 0.0);
(406884.7, 3747645.3, 29.0, 29.0, 0.0); (406875.5, 3747645.3, 29.0, 29.0, 0.0);
(406992.8, 3747643.2, 29.0, 29.0, 0.0); (406999.9, 3747646.1, 29.0, 29.0, 0.0);
(407007.0, 3747649.1, 29.0, 29.0, 0.0); (407017.0, 3747659.1, 29.0, 29.0, 0.0);
(407019.9, 3747666.1, 29.0, 29.0, 0.0); (407022.8, 3747673.2, 29.0, 29.0, 0.0);
(406985.8, 3747640.3, 29.0, 29.0, 0.0); (406976.6, 3747640.3, 29.0, 29.0, 0.0);
(406967.4, 3747640.3, 29.0, 29.0, 0.0); (406958.2, 3747640.3, 29.0, 29.0, 0.0);
(406949.0, 3747640.3, 29.0, 29.0, 0.0); (406939.8, 3747640.3, 29.0, 29.0, 0.0);
(406930.7, 3747640.3, 29.0, 29.0, 0.0); (406921.5, 3747640.3, 29.0, 29.0, 0.0);
(406912.3, 3747640.3, 29.0, 29.0, 0.0); (406903.1, 3747640.3, 29.0, 29.0, 0.0);
(406893.9, 3747640.3, 29.0, 29.0, 0.0); (406884.7, 3747640.3, 29.0, 29.0, 0.0);
(406875.5, 3747640.3, 29.0, 29.0, 0.0); (406993.7, 3747638.6, 29.0, 29.0, 0.0);

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

(407001.7, 3747641.9, 29.0, 29.0, 0.0); (407009.6, 3747645.2, 29.0, 29.0, 0.0);
(407020.9, 3747656.4, 29.0, 29.0, 0.0); (407024.2, 3747664.4, 29.0, 29.0, 0.0);
(407027.5, 3747672.3, 29.0, 29.0, 0.0); (406985.8, 3747635.3, 29.0, 29.0, 0.0);
(406976.6, 3747635.3, 29.0, 29.0, 0.0); (406967.4, 3747635.3, 29.0, 29.0, 0.0);
(406958.2, 3747635.3, 29.0, 29.0, 0.0); (406949.0, 3747635.3, 29.0, 29.0, 0.0);
(406939.8, 3747635.3, 29.0, 29.0, 0.0); (406930.7, 3747635.3, 29.0, 29.0, 0.0);
(406921.5, 3747635.3, 29.0, 29.0, 0.0); (406912.3, 3747635.3, 29.0, 29.0, 0.0);
(406903.1, 3747635.3, 29.0, 29.0, 0.0); (406893.9, 3747635.3, 29.0, 29.0, 0.0);
(406884.7, 3747635.3, 29.0, 29.0, 0.0); (406875.5, 3747635.3, 29.0, 29.0, 0.0);
(406992.8, 3747633.2, 29.0, 29.0, 0.0); (406999.9, 3747636.1, 29.0, 29.0, 0.0);
(407007.0, 3747639.1, 29.0, 29.0, 0.0); (407014.0, 3747642.0, 29.0, 29.0, 0.0);
(407024.0, 3747652.0, 29.0, 29.0, 0.0); (407027.0, 3747659.1, 29.0, 29.0, 0.0);
(407029.9, 3747666.1, 29.0, 29.0, 0.0); (407032.8, 3747673.2, 29.0, 29.0, 0.0);
(406985.8, 3747630.3, 29.0, 29.0, 0.0); (406976.6, 3747630.3, 29.0, 29.0, 0.0);
(406967.4, 3747630.3, 29.0, 29.0, 0.0); (406958.2, 3747630.3, 29.0, 29.0, 0.0);
(406949.0, 3747630.3, 29.0, 29.0, 0.0); (406939.8, 3747630.3, 29.0, 29.0, 0.0);
(406930.7, 3747630.3, 29.0, 29.0, 0.0); (406921.5, 3747630.3, 29.0, 29.0, 0.0);
(406912.3, 3747630.3, 29.0, 29.0, 0.0); (406903.1, 3747630.3, 29.0, 29.0, 0.0);
(406893.9, 3747630.3, 29.0, 29.0, 0.0); (406884.7, 3747630.3, 29.0, 29.0, 0.0);
(406875.5, 3747630.3, 29.0, 29.0, 0.0); (406993.5, 3747628.5, 29.0, 29.0, 0.0);
(407001.3, 3747631.7, 29.0, 29.0, 0.0); (407009.1, 3747634.9, 29.0, 29.0, 0.0);
(407016.9, 3747638.2, 29.0, 29.0, 0.0); (407027.9, 3747649.2, 29.0, 29.0, 0.0);
(407031.1, 3747656.9, 29.0, 29.0, 0.0); (407034.3, 3747664.7, 29.0, 29.0, 0.0);
(407037.5, 3747672.5, 29.0, 29.0, 0.0); (406985.8, 3747625.3, 29.0, 29.0, 0.0);
(406976.6, 3747625.3, 29.0, 29.0, 0.0); (406967.4, 3747625.3, 29.0, 29.0, 0.0);
(406958.2, 3747625.3, 29.0, 29.0, 0.0); (406949.0, 3747625.3, 29.0, 29.0, 0.0);
(406939.8, 3747625.3, 29.0, 29.0, 0.0); (406930.7, 3747625.3, 29.0, 29.0, 0.0);

(406921.5, 3747625.3, 29.0, 29.0, 0.0); (406912.3,
3747625.3, 29.0, 29.0, 0.0);
(406903.1, 3747625.3, 29.0, 29.0, 0.0); (406893.9,
3747625.3, 29.0, 29.0, 0.0);
(406884.7, 3747625.3, 29.0, 29.0, 0.0); (406875.5,
3747625.3, 29.0, 29.0, 0.0);
(406992.8, 3747623.2, 29.0, 29.0, 0.0); (406999.9,
3747626.1, 29.0, 29.0, 0.0);
(407007.0, 3747629.1, 29.0, 29.0, 0.0); (407014.0,
3747632.0, 29.0, 29.0, 0.0);
(407021.1, 3747634.9, 29.0, 29.0, 0.0); (407031.1,
3747644.9, 29.0, 29.0, 0.0);
(407034.0, 3747652.0, 29.0, 29.0, 0.0); (407037.0,
3747659.1, 29.0, 29.0, 0.0);
(407039.9, 3747666.1, 29.0, 29.0, 0.0); (407042.8,
3747673.2, 29.0, 29.0, 0.0);
(406985.8, 3747620.3, 29.0, 29.0, 0.0); (406976.6,
3747620.3, 29.0, 29.0, 0.0);
(406967.4, 3747620.3, 29.0, 29.0, 0.0); (406958.2,
3747620.3, 29.0, 29.0, 0.0);
(406949.0, 3747620.3, 29.0, 29.0, 0.0); (406939.8,
3747620.3, 29.0, 29.0, 0.0);
(406930.7, 3747620.3, 29.0, 29.0, 0.0); (406921.5,
3747620.3, 29.0, 29.0, 0.0);
(406912.3, 3747620.3, 29.0, 29.0, 0.0); (406903.1,
3747620.3, 29.0, 29.0, 0.0);
(406893.9, 3747620.3, 29.0, 29.0, 0.0); (406884.7,
3747620.3, 29.0, 29.0, 0.0);
(406875.5, 3747620.3, 29.0, 29.0, 0.0); (406993.4,
3747618.4, 29.0, 29.0, 0.0);
(407001.1, 3747621.6, 29.0, 29.0, 0.0); (407008.7,
3747624.8, 29.0, 29.0, 0.0);
(407016.4, 3747628.0, 29.0, 29.0, 0.0); (407024.1,
3747631.1, 29.0, 29.0, 0.0);
(407034.9, 3747642.0, 29.0, 29.0, 0.0); (407038.1,
3747649.6, 29.0, 29.0, 0.0);
(407041.2, 3747657.3, 29.0, 29.0, 0.0); (407044.4,
3747665.0, 29.0, 29.0, 0.0);

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

(407047.6, 3747672.6, 29.0, 29.0, 0.0); (406985.8,
3747615.3, 29.0, 29.0, 0.0);
(406976.6, 3747615.3, 29.0, 29.0, 0.0); (406967.4,
3747615.3, 29.0, 29.0, 0.0);
(406958.2, 3747615.3, 29.0, 29.0, 0.0); (406949.0,
3747615.3, 29.0, 29.0, 0.0);
(406939.8, 3747615.3, 29.0, 29.0, 0.0); (406930.7,
3747615.3, 29.0, 29.0, 0.0);
(406921.5, 3747615.3, 29.0, 29.0, 0.0); (406912.3,
3747615.3, 29.0, 29.0, 0.0);
(406903.1, 3747615.3, 29.0, 29.0, 0.0); (406893.9,
3747615.3, 29.0, 29.0, 0.0);
(406884.7, 3747615.3, 29.0, 29.0, 0.0); (406875.5,
3747615.3, 29.0, 29.0, 0.0);
(406994.0, 3747613.7, 29.0, 29.0, 0.0); (407002.3,
3747617.1, 29.0, 29.0, 0.0);

(407010.5, 3747620.5, 29.0, 29.0, 0.0); (407018.8, 3747623.9, 29.0, 29.0, 0.0);
(407027.0, 3747627.4, 29.0, 29.0, 0.0); (407038.7, 3747639.0, 29.0, 29.0, 0.0);
(407042.1, 3747647.3, 29.0, 29.0, 0.0); (407045.5, 3747655.5, 29.0, 29.0, 0.0);
(407048.9, 3747663.8, 29.0, 29.0, 0.0); (407052.3, 3747672.0, 29.0, 29.0, 0.0);
(406985.8, 3747610.3, 29.0, 29.0, 0.0); (406976.6, 3747610.3, 29.0, 29.0, 0.0);
(406967.4, 3747610.3, 29.0, 29.0, 0.0); (406958.2, 3747610.3, 29.0, 29.0, 0.0);
(406949.0, 3747610.3, 29.0, 29.0, 0.0); (406939.8, 3747610.3, 29.0, 29.0, 0.0);
(406930.7, 3747610.3, 29.0, 29.0, 0.0); (406921.5, 3747610.3, 29.0, 29.0, 0.0);
(406912.3, 3747610.3, 29.0, 29.0, 0.0); (406903.1, 3747610.3, 29.0, 29.0, 0.0);
(406893.9, 3747610.3, 29.0, 29.0, 0.0); (406884.7, 3747610.3, 29.0, 29.0, 0.0);
(406875.5, 3747610.3, 29.0, 29.0, 0.0); (406993.3, 3747608.4, 29.0, 29.0, 0.0);
(407000.9, 3747611.5, 29.0, 29.0, 0.0); (407008.5, 3747614.7, 29.0, 29.0, 0.0);
(407016.1, 3747617.8, 29.0, 29.0, 0.0); (407023.6, 3747621.0, 29.0, 29.0, 0.0);
(407031.2, 3747624.1, 29.0, 29.0, 0.0); (407041.9, 3747634.8, 29.0, 29.0, 0.0);
(407045.1, 3747642.4, 29.0, 29.0, 0.0); (407048.2, 3747650.0, 29.0, 29.0, 0.0);
(407051.3, 3747657.5, 29.0, 29.0, 0.0); (407054.5, 3747665.1, 29.0, 29.0, 0.0);
(407057.6, 3747672.7, 29.0, 29.0, 0.0); (406985.8, 3747605.3, 29.0, 29.0, 0.0);
(406976.6, 3747605.3, 29.0, 29.0, 0.0); (406967.4, 3747605.3, 29.0, 29.0, 0.0);
(406958.2, 3747605.3, 29.0, 29.0, 0.0); (406949.0, 3747605.3, 29.0, 29.0, 0.0);
(406939.8, 3747605.3, 29.0, 29.0, 0.0); (406930.7, 3747605.3, 29.0, 29.0, 0.0);
(406921.5, 3747605.3, 29.0, 29.0, 0.0); (406912.3, 3747605.3, 29.0, 29.0, 0.0);
(406903.1, 3747605.3, 29.0, 29.0, 0.0); (406893.9, 3747605.3, 29.0, 29.0, 0.0);
(406884.7, 3747605.3, 29.0, 29.0, 0.0); (406875.5, 3747605.3, 29.0, 29.0, 0.0);
(406993.8, 3747603.6, 29.0, 29.0, 0.0); (407001.9, 3747607.0, 29.0, 29.0, 0.0);
(407010.0, 3747610.3, 29.0, 29.0, 0.0); (407026.2, 3747617.0, 29.0, 29.0, 0.0);
(407034.2, 3747620.4, 29.0, 29.0, 0.0); (407045.7, 3747631.8, 29.0, 29.0, 0.0);
(407049.0, 3747639.9, 29.0, 29.0, 0.0); (407052.4, 3747647.9, 29.0, 29.0, 0.0);
(407055.7, 3747656.0, 29.0, 29.0, 0.0); (407059.1, 3747664.1, 29.0, 29.0, 0.0);
(407062.4, 3747672.2, 29.0, 29.0, 0.0); (406985.8, 3747600.3, 29.0, 29.0, 0.0);
(406976.6, 3747600.3, 29.0, 29.0, 0.0); (406967.4, 3747600.3, 29.0, 29.0, 0.0);
(406958.2, 3747600.3, 29.0, 29.0, 0.0); (406949.0, 3747600.3, 29.0, 29.0, 0.0);
(406939.8, 3747600.3, 29.0, 29.0, 0.0); (406930.7, 3747600.3, 29.0, 29.0, 0.0);
(406921.5, 3747600.3, 29.0, 29.0, 0.0); (406912.3, 3747600.3, 29.0, 29.0, 0.0);

(406903.1, 3747600.3, 29.0, 29.0, 0.0); (406893.9,
3747600.3, 29.0, 29.0, 0.0);
(406884.7, 3747600.3, 29.0, 29.0, 0.0); (406875.5,
3747600.3, 29.0, 29.0, 0.0);
(406993.3, 3747598.4, 29.0, 29.0, 0.0); (407000.8,
3747601.5, 29.0, 29.0, 0.0);
(407008.3, 3747604.6, 29.0, 29.0, 0.0); (407015.8,
3747607.7, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407023.3, 3747610.8, 29.0, 29.0, 0.0); (407030.8,
3747613.9, 29.0, 29.0, 0.0);
(407038.4, 3747617.1, 29.0, 29.0, 0.0); (407049.0,
3747627.7, 29.0, 29.0, 0.0);
(407052.1, 3747635.2, 29.0, 29.0, 0.0); (407055.2,
3747642.7, 29.0, 29.0, 0.0);
(407058.3, 3747650.2, 29.0, 29.0, 0.0); (407061.4,
3747657.7, 29.0, 29.0, 0.0);
(407064.5, 3747665.3, 29.0, 29.0, 0.0); (407067.6,
3747672.8, 29.0, 29.0, 0.0);
(406985.8, 3747595.3, 29.0, 29.0, 0.0); (406976.6,
3747595.3, 29.0, 29.0, 0.0);
(406967.4, 3747595.3, 29.0, 29.0, 0.0); (406958.2,
3747595.3, 29.0, 29.0, 0.0);
(406949.0, 3747595.3, 29.0, 29.0, 0.0); (406939.8,
3747595.3, 29.0, 29.0, 0.0);
(406930.7, 3747595.3, 29.0, 29.0, 0.0); (406921.5,
3747595.3, 29.0, 29.0, 0.0);
(406912.3, 3747595.3, 29.0, 29.0, 0.0); (406903.1,
3747595.3, 29.0, 29.0, 0.0);
(406893.9, 3747595.3, 29.0, 29.0, 0.0); (406884.7,
3747595.3, 29.0, 29.0, 0.0);
(406875.5, 3747595.3, 29.0, 29.0, 0.0); (406993.7,
3747593.6, 29.0, 29.0, 0.0);
(407001.7, 3747596.9, 29.0, 29.0, 0.0); (407017.6,
3747603.4, 29.0, 29.0, 0.0);
(407025.5, 3747606.8, 29.0, 29.0, 0.0); (407033.5,
3747610.0, 29.0, 29.0, 0.0);
(407041.5, 3747613.3, 29.0, 29.0, 0.0); (407052.7,
3747624.6, 29.0, 29.0, 0.0);
(407056.0, 3747632.5, 29.0, 29.0, 0.0); (407059.3,
3747640.5, 29.0, 29.0, 0.0);
(407062.6, 3747648.5, 29.0, 29.0, 0.0); (407065.9,
3747656.4, 29.0, 29.0, 0.0);
(407069.2, 3747664.4, 29.0, 29.0, 0.0); (407072.5,
3747672.3, 29.0, 29.0, 0.0);
(406985.8, 3747590.3, 29.0, 29.0, 0.0); (406976.6,
3747590.3, 29.0, 29.0, 0.0);
(406967.4, 3747590.3, 29.0, 29.0, 0.0); (406958.2,
3747590.3, 29.0, 29.0, 0.0);
(406949.0, 3747590.3, 29.0, 29.0, 0.0); (406939.8,
3747590.3, 29.0, 29.0, 0.0);
(406930.7, 3747590.3, 29.0, 29.0, 0.0); (406921.5,
3747590.3, 29.0, 29.0, 0.0);
(406912.3, 3747590.3, 29.0, 29.0, 0.0); (406903.1,
3747590.3, 29.0, 29.0, 0.0);

(406893.9, 3747590.3, 29.0, 29.0, 0.0); (406884.7, 3747590.3, 29.0, 29.0, 0.0);
(406875.5, 3747590.3, 29.0, 29.0, 0.0); (406994.2, 3747588.8, 29.0, 29.0, 0.0);
(407002.6, 3747592.2, 29.0, 29.0, 0.0); (407011.0, 3747595.7, 29.0, 29.0, 0.0);
(407019.3, 3747599.2, 29.0, 29.0, 0.0); (407027.8, 3747602.7, 29.0, 29.0, 0.0);
(407036.1, 3747606.1, 29.0, 29.0, 0.0); (407044.5, 3747609.6, 29.0, 29.0, 0.0);
(407056.4, 3747621.5, 29.0, 29.0, 0.0); (407059.9, 3747629.9, 29.0, 29.0, 0.0);
(407063.4, 3747638.3, 29.0, 29.0, 0.0); (407066.8, 3747646.7, 29.0, 29.0, 0.0);
(407070.3, 3747655.1, 29.0, 29.0, 0.0); (407073.8, 3747663.5, 29.0, 29.0, 0.0);
(407077.3, 3747671.9, 29.0, 29.0, 0.0); (406985.8, 3747585.3, 29.0, 29.0, 0.0);
(406976.6, 3747585.3, 29.0, 29.0, 0.0); (406967.4, 3747585.3, 29.0, 29.0, 0.0);
(406958.2, 3747585.3, 29.0, 29.0, 0.0); (406949.0, 3747585.3, 29.0, 29.0, 0.0);
(406939.8, 3747585.3, 29.0, 29.0, 0.0); (406930.7, 3747585.3, 29.0, 29.0, 0.0);
(406921.5, 3747585.3, 29.0, 29.0, 0.0); (406912.3, 3747585.3, 29.0, 29.0, 0.0);
(406903.1, 3747585.3, 29.0, 29.0, 0.0); (406893.9, 3747585.3, 29.0, 29.0, 0.0);
(406884.7, 3747585.3, 29.0, 29.0, 0.0); (406875.5, 3747585.3, 29.0, 29.0, 0.0);
(406993.6, 3747583.5, 29.0, 29.0, 0.0); (407001.5, 3747586.8, 29.0, 29.0, 0.0);
(407009.3, 3747590.0, 29.0, 29.0, 0.0); (407017.2, 3747593.3, 29.0, 29.0, 0.0);
(407025.0, 3747596.5, 29.0, 29.0, 0.0); (407032.9, 3747599.8, 29.0, 29.0, 0.0);
(407040.8, 3747603.1, 29.0, 29.0, 0.0); (407048.6, 3747606.3, 29.0, 29.0, 0.0);
(407059.7, 3747617.4, 29.0, 29.0, 0.0); (407063.0, 3747625.3, 29.0, 29.0, 0.0);
(407066.2, 3747633.1, 29.0, 29.0, 0.0); (407069.5, 3747641.0, 29.0, 29.0, 0.0);
(407072.8, 3747648.9, 29.0, 29.0, 0.0); (407076.0, 3747656.7, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407079.2, 3747664.6, 29.0, 29.0, 0.0); (407082.5, 3747672.4, 29.0, 29.0, 0.0);
(406985.8, 3747580.3, 29.0, 29.0, 0.0); (406976.6, 3747580.3, 29.0, 29.0, 0.0);
(406967.4, 3747580.3, 29.0, 29.0, 0.0); (406958.2, 3747580.3, 29.0, 29.0, 0.0);
(406949.0, 3747580.3, 29.0, 29.0, 0.0); (406939.8, 3747580.3, 29.0, 29.0, 0.0);
(406930.7, 3747580.3, 29.0, 29.0, 0.0); (406921.5, 3747580.3, 29.0, 29.0, 0.0);

(406912.3, 3747580.3, 29.0, 29.0, 0.0); (406903.1, 3747580.3, 29.0, 29.0, 0.0);
(406893.9, 3747580.3, 29.0, 29.0, 0.0); (406884.7, 3747580.3, 29.0, 29.0, 0.0);
(406875.5, 3747580.3, 29.0, 29.0, 0.0); (406870.5, 3747680.3, 29.0, 29.0, 0.0);
(406870.5, 3747689.4, 29.0, 29.0, 0.0); (406870.5, 3747698.6, 29.0, 29.0, 0.0);
(406870.5, 3747707.8, 29.0, 29.0, 0.0); (406870.5, 3747717.0, 29.0, 29.0, 0.0);
(406870.5, 3747726.2, 29.0, 29.0, 0.0); (406870.5, 3747735.4, 29.0, 29.0, 0.0);
(406870.5, 3747744.6, 29.0, 29.0, 0.0); (406870.5, 3747753.8, 29.0, 29.0, 0.0);
(406870.5, 3747762.9, 29.0, 29.0, 0.0); (406870.5, 3747772.1, 29.0, 29.0, 0.0);
(406870.5, 3747781.3, 29.0, 29.0, 0.0); (406870.5, 3747790.5, 29.0, 29.0, 0.0);
(406865.5, 3747680.3, 29.0, 29.0, 0.0); (406865.5, 3747689.4, 29.0, 29.0, 0.0);
(406865.5, 3747698.6, 29.0, 29.0, 0.0); (406865.5, 3747707.8, 29.0, 29.0, 0.0);
(406865.5, 3747717.0, 29.0, 29.0, 0.0); (406865.5, 3747726.2, 29.0, 29.0, 0.0);
(406865.5, 3747735.4, 29.0, 29.0, 0.0); (406865.5, 3747744.6, 29.0, 29.0, 0.0);
(406865.5, 3747753.8, 29.0, 29.0, 0.0); (406865.5, 3747762.9, 29.0, 29.0, 0.0);
(406865.5, 3747772.1, 29.0, 29.0, 0.0); (406865.5, 3747781.3, 29.0, 29.0, 0.0);
(406865.5, 3747790.5, 29.0, 29.0, 0.0); (406862.8, 3747675.0, 29.0, 29.0, 0.0);
(406870.2, 3747667.5, 29.0, 29.0, 0.0); (406860.5, 3747680.3, 29.0, 29.0, 0.0);
(406860.5, 3747689.4, 29.0, 29.0, 0.0); (406860.5, 3747698.6, 29.0, 29.0, 0.0);
(406860.5, 3747707.8, 29.0, 29.0, 0.0); (406860.5, 3747717.0, 29.0, 29.0, 0.0);
(406860.5, 3747726.2, 29.0, 29.0, 0.0); (406860.5, 3747735.4, 29.0, 29.0, 0.0);
(406860.5, 3747744.6, 29.0, 29.0, 0.0); (406860.5, 3747753.8, 29.0, 29.0, 0.0);
(406860.5, 3747762.9, 29.0, 29.0, 0.0); (406860.5, 3747772.1, 29.0, 29.0, 0.0);
(406860.5, 3747781.3, 29.0, 29.0, 0.0); (406860.5, 3747790.5, 29.0, 29.0, 0.0);
(406858.5, 3747673.2, 29.0, 29.0, 0.0); (406868.5, 3747663.2, 29.0, 29.0, 0.0);
(406855.5, 3747680.3, 29.0, 29.0, 0.0); (406855.5, 3747689.4, 29.0, 29.0, 0.0);
(406855.5, 3747698.6, 29.0, 29.0, 0.0); (406855.5, 3747707.8, 29.0, 29.0, 0.0);
(406855.5, 3747717.0, 29.0, 29.0, 0.0); (406855.5, 3747726.2, 29.0, 29.0, 0.0);
(406855.5, 3747735.4, 29.0, 29.0, 0.0); (406855.5, 3747744.6, 29.0, 29.0, 0.0);
(406855.5, 3747753.8, 29.0, 29.0, 0.0); (406855.5, 3747762.9, 29.0, 29.0, 0.0);
(406855.5, 3747772.1, 29.0, 29.0, 0.0); (406855.5, 3747781.3, 29.0, 29.0, 0.0);
(406855.5, 3747790.5, 29.0, 29.0, 0.0); (406853.0, 3747674.4, 29.0, 29.0, 0.0);
(406855.4, 3747668.5, 29.0, 29.0, 0.0); (406863.8, 3747660.1, 29.0, 29.0, 0.0);
(406869.7, 3747657.7, 29.0, 29.0, 0.0); (406850.5, 3747680.3, 29.0, 29.0, 0.0);

(406850.5, 3747689.4, 29.0, 29.0, 0.0); (406850.5, 3747698.6, 29.0, 29.0, 0.0);
(406850.5, 3747707.8, 29.0, 29.0, 0.0); (406850.5, 3747717.0, 29.0, 29.0, 0.0);
(406850.5, 3747726.2, 29.0, 29.0, 0.0); (406850.5, 3747735.4, 29.0, 29.0, 0.0);
(406850.5, 3747744.6, 29.0, 29.0, 0.0); (406850.5, 3747753.8, 29.0, 29.0, 0.0);
(406850.5, 3747762.9, 29.0, 29.0, 0.0); (406850.5, 3747772.1, 29.0, 29.0, 0.0);
(406850.5, 3747781.3, 29.0, 29.0, 0.0); (406850.5, 3747790.5, 29.0, 29.0, 0.0);
(406848.5, 3747673.2, 29.0, 29.0, 0.0); (406851.4, 3747666.1, 29.0, 29.0, 0.0);

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

(406861.4, 3747656.1, 29.0, 29.0, 0.0); (406868.5, 3747653.2, 29.0, 29.0, 0.0);
(406845.5, 3747680.3, 29.0, 29.0, 0.0); (406845.5, 3747689.4, 29.0, 29.0, 0.0);
(406845.5, 3747698.6, 29.0, 29.0, 0.0); (406845.5, 3747707.8, 29.0, 29.0, 0.0);
(406845.5, 3747717.0, 29.0, 29.0, 0.0); (406845.5, 3747726.2, 29.0, 29.0, 0.0);
(406845.5, 3747735.4, 29.0, 29.0, 0.0); (406845.5, 3747744.6, 29.0, 29.0, 0.0);
(406845.5, 3747753.8, 29.0, 29.0, 0.0); (406845.5, 3747762.9, 29.0, 29.0, 0.0);
(406845.5, 3747772.1, 29.0, 29.0, 0.0); (406845.5, 3747781.3, 29.0, 29.0, 0.0);
(406845.5, 3747790.5, 29.0, 29.0, 0.0); (406844.0, 3747672.0, 29.0, 29.0, 0.0);
(406847.4, 3747663.8, 29.0, 29.0, 0.0); (406859.0, 3747652.1, 29.0, 29.0, 0.0);
(406867.3, 3747648.7, 29.0, 29.0, 0.0); (406840.5, 3747680.3, 29.0, 29.0, 0.0);
(406840.5, 3747689.4, 29.0, 29.0, 0.0); (406840.5, 3747698.6, 29.0, 29.0, 0.0);
(406840.5, 3747707.8, 29.0, 29.0, 0.0); (406840.5, 3747717.0, 29.0, 29.0, 0.0);
(406840.5, 3747726.2, 29.0, 29.0, 0.0); (406840.5, 3747735.4, 29.0, 29.0, 0.0);
(406840.5, 3747744.6, 29.0, 29.0, 0.0); (406840.5, 3747753.7, 29.0, 29.0, 0.0);
(406840.5, 3747762.9, 29.0, 29.0, 0.0); (406840.5, 3747772.1, 29.0, 29.0, 0.0);
(406840.5, 3747781.3, 29.0, 29.0, 0.0); (406840.5, 3747790.5, 29.0, 29.0, 0.0);
(406838.5, 3747673.2, 29.0, 29.0, 0.0); (406841.4, 3747666.1, 29.0, 29.0, 0.0);
(406844.3, 3747659.0, 29.0, 29.0, 0.0); (406854.3, 3747649.0, 29.0, 29.0, 0.0);
(406861.4, 3747646.1, 29.0, 29.0, 0.0); (406868.5, 3747643.2, 29.0, 29.0, 0.0);
(406835.5, 3747680.3, 29.0, 29.0, 0.0); (406835.5, 3747689.4, 29.0, 29.0, 0.0);

(406835.5, 3747698.6, 29.0, 29.0, 0.0); (406835.5,
3747707.8, 29.0, 29.0, 0.0);
(406835.5, 3747717.0, 29.0, 29.0, 0.0); (406835.5,
3747726.2, 29.0, 29.0, 0.0);
(406835.5, 3747735.4, 29.0, 29.0, 0.0); (406835.5,
3747744.6, 29.0, 29.0, 0.0);
(406835.5, 3747753.7, 29.0, 29.0, 0.0); (406835.5,
3747762.9, 29.0, 29.0, 0.0);
(406835.5, 3747772.1, 29.0, 29.0, 0.0); (406835.5,
3747781.3, 29.0, 29.0, 0.0);
(406835.5, 3747790.5, 29.0, 29.0, 0.0); (406833.8,
3747672.3, 29.0, 29.0, 0.0);
(406837.1, 3747664.3, 29.0, 29.0, 0.0); (406840.4,
3747656.4, 29.0, 29.0, 0.0);
(406851.7, 3747645.1, 29.0, 29.0, 0.0); (406859.6,
3747641.9, 29.0, 29.0, 0.0);
(406867.6, 3747638.6, 29.0, 29.0, 0.0); (406830.5,
3747680.2, 29.0, 29.0, 0.0);
(406830.5, 3747689.4, 29.0, 29.0, 0.0); (406830.5,
3747698.6, 29.0, 29.0, 0.0);
(406830.5, 3747707.8, 29.0, 29.0, 0.0); (406830.5,
3747717.0, 29.0, 29.0, 0.0);
(406830.5, 3747726.2, 29.0, 29.0, 0.0); (406830.5,
3747735.4, 29.0, 29.0, 0.0);
(406830.5, 3747744.5, 29.0, 29.0, 0.0); (406830.5,
3747753.7, 29.0, 29.0, 0.0);
(406830.5, 3747762.9, 29.0, 29.0, 0.0); (406830.5,
3747772.1, 29.0, 29.0, 0.0);
(406830.5, 3747781.3, 29.0, 29.0, 0.0); (406830.5,
3747790.5, 29.0, 29.0, 0.0);
(406828.5, 3747673.2, 29.0, 29.0, 0.0); (406831.4,
3747666.1, 29.0, 29.0, 0.0);
(406834.3, 3747659.0, 29.0, 29.0, 0.0); (406837.3,
3747652.0, 29.0, 29.0, 0.0);
(406847.3, 3747642.0, 29.0, 29.0, 0.0); (406854.3,
3747639.0, 29.0, 29.0, 0.0);
(406861.4, 3747636.1, 29.0, 29.0, 0.0); (406868.5,
3747633.2, 29.0, 29.0, 0.0);
(406825.5, 3747680.2, 29.0, 29.0, 0.0); (406825.5,
3747689.4, 29.0, 29.0, 0.0);
(406825.5, 3747698.6, 29.0, 29.0, 0.0); (406825.5,
3747707.8, 29.0, 29.0, 0.0);
(406825.5, 3747717.0, 29.0, 29.0, 0.0); (406825.5,
3747726.2, 29.0, 29.0, 0.0);
(406825.5, 3747735.4, 29.0, 29.0, 0.0); (406825.5,
3747744.5, 29.0, 29.0, 0.0);
(406825.5, 3747753.7, 29.0, 29.0, 0.0); (406825.5,
3747762.9, 29.0, 29.0, 0.0);
(406825.5, 3747772.1, 29.0, 29.0, 0.0); (406825.5,
3747781.3, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406825.5, 3747790.5, 29.0, 29.0, 0.0); (406823.8,
3747672.5, 29.0, 29.0, 0.0);
(406827.0, 3747664.7, 29.0, 29.0, 0.0); (406830.2,
3747656.9, 29.0, 29.0, 0.0);

(406833.4, 3747649.1, 29.0, 29.0, 0.0); (406844.4, 3747638.1, 29.0, 29.0, 0.0);
(406852.2, 3747634.9, 29.0, 29.0, 0.0); (406860.0, 3747631.7, 29.0, 29.0, 0.0);
(406867.8, 3747628.5, 29.0, 29.0, 0.0); (406820.5, 3747680.2, 29.0, 29.0, 0.0);
(406820.5, 3747689.4, 29.0, 29.0, 0.0); (406820.5, 3747698.6, 29.0, 29.0, 0.0);
(406820.5, 3747707.8, 29.0, 29.0, 0.0); (406820.5, 3747717.0, 29.0, 29.0, 0.0);
(406820.5, 3747726.2, 29.0, 29.0, 0.0); (406820.5, 3747735.4, 29.0, 29.0, 0.0);
(406820.5, 3747744.5, 29.0, 29.0, 0.0); (406820.5, 3747753.7, 29.0, 29.0, 0.0);
(406820.5, 3747762.9, 29.0, 29.0, 0.0); (406820.5, 3747772.1, 29.0, 29.0, 0.0);
(406820.5, 3747781.3, 29.0, 29.0, 0.0); (406820.5, 3747790.5, 29.0, 29.0, 0.0);
(406819.1, 3747671.8, 29.0, 29.0, 0.0); (406822.6, 3747663.3, 29.0, 29.0, 0.0);
(406826.1, 3747654.8, 29.0, 29.0, 0.0); (406829.6, 3747646.3, 29.0, 29.0, 0.0);
(406841.6, 3747634.3, 29.0, 29.0, 0.0); (406850.1, 3747630.8, 29.0, 29.0, 0.0);
(406858.6, 3747627.3, 29.0, 29.0, 0.0); (406867.1, 3747623.8, 29.0, 29.0, 0.0);
(406815.5, 3747680.2, 29.0, 29.0, 0.0); (406815.5, 3747689.4, 29.0, 29.0, 0.0);
(406815.5, 3747698.6, 29.0, 29.0, 0.0); (406815.5, 3747707.8, 29.0, 29.0, 0.0);
(406815.5, 3747717.0, 29.0, 29.0, 0.0); (406815.5, 3747726.2, 29.0, 29.0, 0.0);
(406815.5, 3747735.4, 29.0, 29.0, 0.0); (406815.5, 3747744.5, 29.0, 29.0, 0.0);
(406815.5, 3747753.7, 29.0, 29.0, 0.0); (406815.5, 3747762.9, 29.0, 29.0, 0.0);
(406815.5, 3747772.1, 29.0, 29.0, 0.0); (406815.5, 3747781.3, 29.0, 29.0, 0.0);
(406815.5, 3747790.5, 29.0, 29.0, 0.0); (406813.7, 3747672.6, 29.0, 29.0, 0.0);
(406816.9, 3747664.9, 29.0, 29.0, 0.0); (406820.1, 3747657.3, 29.0, 29.0, 0.0);
(406823.2, 3747649.6, 29.0, 29.0, 0.0); (406826.4, 3747642.0, 29.0, 29.0, 0.0);
(406837.3, 3747631.1, 29.0, 29.0, 0.0); (406844.9, 3747628.0, 29.0, 29.0, 0.0);
(406852.6, 3747624.8, 29.0, 29.0, 0.0); (406860.2, 3747621.6, 29.0, 29.0, 0.0);
(406867.9, 3747618.4, 29.0, 29.0, 0.0); (406810.5, 3747680.2, 29.0, 29.0, 0.0);
(406810.5, 3747689.4, 29.0, 29.0, 0.0); (406810.5, 3747698.6, 29.0, 29.0, 0.0);
(406810.5, 3747707.8, 29.0, 29.0, 0.0); (406810.5, 3747717.0, 29.0, 29.0, 0.0);
(406810.5, 3747726.2, 29.0, 29.0, 0.0); (406810.5, 3747735.4, 29.0, 29.0, 0.0);
(406810.5, 3747744.5, 29.0, 29.0, 0.0); (406810.5, 3747753.7, 29.0, 29.0, 0.0);
(406810.5, 3747762.9, 29.0, 29.0, 0.0); (406810.5, 3747772.1, 29.0, 29.0, 0.0);
(406810.5, 3747781.3, 29.0, 29.0, 0.0); (406810.5, 3747790.5, 29.0, 29.0, 0.0);
(406809.0, 3747672.0, 29.0, 29.0, 0.0); (406812.4, 3747663.8, 29.0, 29.0, 0.0);
(406815.8, 3747655.5, 29.0, 29.0, 0.0); (406819.2, 3747647.3, 29.0, 29.0, 0.0);

(406822.6, 3747639.0, 29.0, 29.0, 0.0); (406834.3, 3747627.3, 29.0, 29.0, 0.0);
(406842.6, 3747623.9, 29.0, 29.0, 0.0); (406850.8, 3747620.5, 29.0, 29.0, 0.0);
(406859.0, 3747617.1, 29.0, 29.0, 0.0); (406867.3, 3747613.7, 29.0, 29.0, 0.0);
(406805.5, 3747680.2, 29.0, 29.0, 0.0); (406805.5, 3747689.4, 29.0, 29.0, 0.0);
(406805.5, 3747698.6, 29.0, 29.0, 0.0); (406805.5, 3747707.8, 29.0, 29.0, 0.0);
(406805.5, 3747717.0, 29.0, 29.0, 0.0); (406805.5, 3747726.2, 29.0, 29.0, 0.0);
(406805.5, 3747735.4, 29.0, 29.0, 0.0); (406805.5, 3747744.5, 29.0, 29.0, 0.0);
(406805.5, 3747753.7, 29.0, 29.0, 0.0); (406805.5, 3747762.9, 29.0, 29.0, 0.0);
(406805.5, 3747772.1, 29.0, 29.0, 0.0); (406805.5, 3747781.3, 29.0, 29.0, 0.0);
(406805.5, 3747790.5, 29.0, 29.0, 0.0); (406803.7, 3747672.7, 29.0, 29.0, 0.0);

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

(406806.8, 3747665.1, 29.0, 29.0, 0.0); (406810.0, 3747657.5, 29.0, 29.0, 0.0);
(406813.1, 3747649.9, 29.0, 29.0, 0.0); (406816.2, 3747642.4, 29.0, 29.0, 0.0);
(406819.4, 3747634.8, 29.0, 29.0, 0.0); (406830.1, 3747624.1, 29.0, 29.0, 0.0);
(406837.7, 3747620.9, 29.0, 29.0, 0.0); (406845.2, 3747617.8, 29.0, 29.0, 0.0);
(406852.8, 3747614.7, 29.0, 29.0, 0.0); (406860.4, 3747611.5, 29.0, 29.0, 0.0);
(406868.0, 3747608.4, 29.0, 29.0, 0.0); (406800.5, 3747680.2, 29.0, 29.0, 0.0);
(406800.5, 3747689.4, 29.0, 29.0, 0.0); (406800.5, 3747698.6, 29.0, 29.0, 0.0);
(406800.5, 3747707.8, 29.0, 29.0, 0.0); (406800.5, 3747717.0, 29.0, 29.0, 0.0);
(406800.5, 3747726.2, 29.0, 29.0, 0.0); (406800.5, 3747735.4, 29.0, 29.0, 0.0);
(406800.5, 3747744.5, 29.0, 29.0, 0.0); (406800.5, 3747753.7, 29.0, 29.0, 0.0);
(406800.5, 3747762.9, 29.0, 29.0, 0.0); (406800.5, 3747772.1, 29.0, 29.0, 0.0);
(406800.5, 3747781.3, 29.0, 29.0, 0.0); (406800.5, 3747790.5, 29.0, 29.0, 0.0);
(406798.9, 3747672.2, 29.0, 29.0, 0.0); (406802.2, 3747664.1, 29.0, 29.0, 0.0);
(406805.6, 3747656.0, 29.0, 29.0, 0.0); (406809.0, 3747647.9, 29.0, 29.0, 0.0);
(406812.3, 3747639.8, 29.0, 29.0, 0.0); (406815.6, 3747631.8, 29.0, 29.0, 0.0);
(406827.1, 3747620.3, 29.0, 29.0, 0.0); (406835.1, 3747617.0, 29.0, 29.0, 0.0);
(406851.3, 3747610.3, 29.0, 29.0, 0.0); (406859.4, 3747607.0, 29.0, 29.0, 0.0);

(406867.5, 3747603.6, 29.0, 29.0, 0.0); (406795.5,
3747680.2, 29.0, 29.0, 0.0);
(406795.5, 3747689.4, 29.0, 29.0, 0.0); (406795.5,
3747698.6, 29.0, 29.0, 0.0);
(406795.5, 3747707.8, 29.0, 29.0, 0.0); (406795.5,
3747717.0, 29.0, 29.0, 0.0);
(406795.5, 3747726.2, 29.0, 29.0, 0.0); (406795.5,
3747735.4, 29.0, 29.0, 0.0);
(406795.5, 3747744.5, 29.0, 29.0, 0.0); (406795.5,
3747753.7, 29.0, 29.0, 0.0);
(406795.5, 3747762.9, 29.0, 29.0, 0.0); (406795.5,
3747772.1, 29.0, 29.0, 0.0);
(406795.5, 3747781.3, 29.0, 29.0, 0.0); (406795.5,
3747790.5, 29.0, 29.0, 0.0);
(406793.7, 3747672.7, 29.0, 29.0, 0.0); (406796.8,
3747665.2, 29.0, 29.0, 0.0);
(406799.9, 3747657.7, 29.0, 29.0, 0.0); (406803.0,
3747650.2, 29.0, 29.0, 0.0);
(406806.1, 3747642.7, 29.0, 29.0, 0.0); (406809.2,
3747635.2, 29.0, 29.0, 0.0);
(406812.3, 3747627.7, 29.0, 29.0, 0.0); (406823.0,
3747617.0, 29.0, 29.0, 0.0);
(406830.5, 3747613.9, 29.0, 29.0, 0.0); (406838.0,
3747610.8, 29.0, 29.0, 0.0);
(406845.5, 3747607.7, 29.0, 29.0, 0.0); (406853.0,
3747604.6, 29.0, 29.0, 0.0);
(406860.5, 3747601.5, 29.0, 29.0, 0.0); (406868.0,
3747598.4, 29.0, 29.0, 0.0);
(406790.5, 3747680.2, 29.0, 29.0, 0.0); (406790.5,
3747689.4, 29.0, 29.0, 0.0);
(406790.5, 3747698.6, 29.0, 29.0, 0.0); (406790.5,
3747707.8, 29.0, 29.0, 0.0);
(406790.5, 3747717.0, 29.0, 29.0, 0.0); (406790.5,
3747726.2, 29.0, 29.0, 0.0);
(406790.5, 3747735.3, 29.0, 29.0, 0.0); (406790.5,
3747744.5, 29.0, 29.0, 0.0);
(406790.5, 3747753.7, 29.0, 29.0, 0.0); (406790.5,
3747762.9, 29.0, 29.0, 0.0);
(406790.5, 3747772.1, 29.0, 29.0, 0.0); (406790.5,
3747781.3, 29.0, 29.0, 0.0);
(406790.5, 3747790.5, 29.0, 29.0, 0.0); (406788.8,
3747672.3, 29.0, 29.0, 0.0);
(406792.1, 3747664.3, 29.0, 29.0, 0.0); (406795.4,
3747656.4, 29.0, 29.0, 0.0);
(406798.7, 3747648.4, 29.0, 29.0, 0.0); (406802.0,
3747640.5, 29.0, 29.0, 0.0);
(406805.3, 3747632.5, 29.0, 29.0, 0.0); (406808.6,
3747624.6, 29.0, 29.0, 0.0);
(406819.9, 3747613.3, 29.0, 29.0, 0.0); (406827.8,
3747610.0, 29.0, 29.0, 0.0);
(406835.8, 3747606.7, 29.0, 29.0, 0.0); (406843.7,
3747603.4, 29.0, 29.0, 0.0);
(406859.6, 3747596.9, 29.0, 29.0, 0.0); (406867.6,
3747593.6, 29.0, 29.0, 0.0);
(406785.5, 3747680.2, 29.0, 29.0, 0.0); (406785.5,
3747689.4, 29.0, 29.0, 0.0);

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

```
( 406785.5, 3747698.6,      29.0,      29.0,       0.0);         ( 406785.5,
3747707.8,      29.0,      29.0,       0.0);
( 406785.5, 3747717.0,      29.0,      29.0,       0.0);         ( 406785.5,
3747726.2,      29.0,      29.0,       0.0);
( 406785.5, 3747735.3,      29.0,      29.0,       0.0);         ( 406785.5,
3747744.5,      29.0,      29.0,       0.0);
( 406785.5, 3747753.7,      29.0,      29.0,       0.0);         ( 406785.5,
3747762.9,      29.0,      29.0,       0.0);
( 406785.5, 3747772.1,      29.0,      29.0,       0.0);         ( 406785.5,
3747781.3,      29.0,      29.0,       0.0);
( 406785.5, 3747790.5,      29.0,      29.0,       0.0);         ( 406784.0,
3747671.8,      29.0,      29.0,       0.0);
( 406787.5, 3747663.4,      29.0,      29.0,       0.0);         ( 406791.0,
3747655.0,      29.0,      29.0,       0.0);
( 406794.5, 3747646.7,      29.0,      29.0,       0.0);         ( 406798.0,
3747638.3,      29.0,      29.0,       0.0);
( 406801.4, 3747629.9,      29.0,      29.0,       0.0);         ( 406804.9,
3747621.5,      29.0,      29.0,       0.0);
( 406816.8, 3747609.6,      29.0,      29.0,       0.0);         ( 406825.2,
3747606.1,      29.0,      29.0,       0.0);
( 406833.6, 3747602.6,      29.0,      29.0,       0.0);         ( 406842.0,
3747599.2,      29.0,      29.0,       0.0);
( 406850.4, 3747595.7,      29.0,      29.0,       0.0);         ( 406858.8,
3747592.2,      29.0,      29.0,       0.0);
( 406867.1, 3747588.8,      29.0,      29.0,       0.0);         ( 406780.5,
3747680.2,      29.0,      29.0,       0.0);
( 406780.5, 3747689.4,      29.0,      29.0,       0.0);         ( 406780.5,
3747698.6,      29.0,      29.0,       0.0);
( 406780.5, 3747707.8,      29.0,      29.0,       0.0);         ( 406780.5,
3747717.0,      29.0,      29.0,       0.0);
( 406780.5, 3747726.2,      29.0,      29.0,       0.0);         ( 406780.5,
3747735.3,      29.0,      29.0,       0.0);
( 406780.5, 3747744.5,      29.0,      29.0,       0.0);         ( 406780.5,
3747753.7,      29.0,      29.0,       0.0);
( 406780.5, 3747762.9,      29.0,      29.0,       0.0);         ( 406780.5,
3747772.1,      29.0,      29.0,       0.0);
( 406780.5, 3747781.3,      29.0,      29.0,       0.0);         ( 406780.5,
3747790.5,      29.0,      29.0,       0.0);
( 406778.8, 3747672.4,      29.0,      29.0,       0.0);         ( 406782.1,
3747664.5,      29.0,      29.0,       0.0);
( 406785.3, 3747656.7,      29.0,      29.0,       0.0);         ( 406788.6,
3747648.8,      29.0,      29.0,       0.0);
( 406791.8, 3747641.0,      29.0,      29.0,       0.0);         ( 406795.1,
3747633.1,      29.0,      29.0,       0.0);
( 406798.3, 3747625.2,      29.0,      29.0,       0.0);         ( 406801.6,
3747617.4,      29.0,      29.0,       0.0);
( 406812.7, 3747606.3,      29.0,      29.0,       0.0);         ( 406820.6,
3747603.0,      29.0,      29.0,       0.0);
( 406828.4, 3747599.8,      29.0,      29.0,       0.0);         ( 406836.3,
3747596.5,      29.0,      29.0,       0.0);
( 406844.1, 3747593.3,      29.0,      29.0,       0.0);         ( 406852.0,
3747590.0,      29.0,      29.0,       0.0);
( 406859.8, 3747586.8,      29.0,      29.0,       0.0);         ( 406867.7,
3747583.5,      29.0,      29.0,       0.0);
( 406775.5, 3747680.2,      29.0,      29.0,       0.0);         ( 406775.5,
3747689.4,      29.0,      29.0,       0.0);
( 406775.5, 3747698.6,      29.0,      29.0,       0.0);         ( 406775.5,
3747707.8,      29.0,      29.0,       0.0);
( 406775.5, 3747717.0,      29.0,      29.0,       0.0);         ( 406775.5,
3747726.2,      29.0,      29.0,       0.0);
( 406775.5, 3747735.3,      29.0,      29.0,       0.0);         ( 406775.5,
3747744.5,      29.0,      29.0,       0.0);
( 406775.5, 3747753.7,      29.0,      29.0,       0.0);         ( 406775.5,
3747762.9,      29.0,      29.0,       0.0);
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(406775.5, 3747772.1, 29.0, 29.0, 0.0); (406775.5, 3747781.3, 29.0, 29.0, 0.0);
(406775.5, 3747790.5, 29.0, 29.0, 0.0); (406875.5, 3747795.5, 29.0, 29.0, 0.0);
(406884.7, 3747795.5, 29.0, 29.0, 0.0); (406893.9, 3747795.5, 29.0, 29.0, 0.0);
(406903.1, 3747795.5, 29.0, 29.0, 0.0); (406912.2, 3747795.5, 29.0, 29.0, 0.0);
(406921.4, 3747795.5, 29.0, 29.0, 0.0); (406930.6, 3747795.5, 29.0, 29.0, 0.0);
(406939.8, 3747795.5, 29.0, 29.0, 0.0); (406949.0, 3747795.5, 29.0, 29.0, 0.0);
(406958.2, 3747795.5, 29.0, 29.0, 0.0); (406967.4, 3747795.5, 29.0, 29.0, 0.0);
(406976.5, 3747795.5, 29.0, 29.0, 0.0); (406985.7, 3747795.5, 29.0, 29.0, 0.0);
(406875.5, 3747800.5, 29.0, 29.0, 0.0); (406884.7, 3747800.5, 29.0, 29.0, 0.0);
(406893.9, 3747800.5, 29.0, 29.0, 0.0); (406903.1, 3747800.5, 29.0, 29.0, 0.0);
(406912.2, 3747800.5, 29.0, 29.0, 0.0); (406921.4, 3747800.5, 29.0, 29.0, 0.0);
(406930.6, 3747800.5, 29.0, 29.0, 0.0); (406939.8, 3747800.5, 29.0, 29.0, 0.0);
(406949.0, 3747800.5, 29.0, 29.0, 0.0); (406958.2, 3747800.5, 29.0, 29.0, 0.0);

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

(406967.4, 3747800.5, 29.0, 29.0, 0.0); (406976.5, 3747800.5, 29.0, 29.0, 0.0);
(406985.7, 3747800.5, 29.0, 29.0, 0.0); (406870.2, 3747803.3, 29.0, 29.0, 0.0);
(406862.7, 3747795.8, 29.0, 29.0, 0.0); (406875.5, 3747805.5, 29.0, 29.0, 0.0);
(406884.7, 3747805.5, 29.0, 29.0, 0.0); (406893.9, 3747805.5, 29.0, 29.0, 0.0);
(406903.1, 3747805.5, 29.0, 29.0, 0.0); (406912.2, 3747805.5, 29.0, 29.0, 0.0);
(406921.4, 3747805.5, 29.0, 29.0, 0.0); (406930.6, 3747805.5, 29.0, 29.0, 0.0);
(406939.8, 3747805.5, 29.0, 29.0, 0.0); (406949.0, 3747805.5, 29.0, 29.0, 0.0);
(406958.2, 3747805.5, 29.0, 29.0, 0.0); (406967.4, 3747805.5, 29.0, 29.0, 0.0);
(406976.5, 3747805.5, 29.0, 29.0, 0.0); (406985.7, 3747805.5, 29.0, 29.0, 0.0);
(406868.4, 3747807.6, 29.0, 29.0, 0.0); (406858.4, 3747797.6, 29.0, 29.0, 0.0);
(406875.5, 3747810.5, 29.0, 29.0, 0.0); (406884.7, 3747810.5, 29.0, 29.0, 0.0);
(406893.9, 3747810.5, 29.0, 29.0, 0.0); (406903.1, 3747810.5, 29.0, 29.0, 0.0);
(406912.2, 3747810.5, 29.0, 29.0, 0.0); (406921.4, 3747810.5, 29.0, 29.0, 0.0);
(406930.6, 3747810.5, 29.0, 29.0, 0.0); (406939.8, 3747810.5, 29.0, 29.0, 0.0);

(406949.0, 3747810.5, 29.0, 29.0, 0.0); (406958.2, 3747810.5, 29.0, 29.0, 0.0);
(406967.4, 3747810.5, 29.0, 29.0, 0.0); (406976.5, 3747810.5, 29.0, 29.0, 0.0);
(406985.7, 3747810.5, 29.0, 29.0, 0.0); (406869.6, 3747813.1, 29.0, 29.0, 0.0);
(406863.7, 3747810.6, 29.0, 29.0, 0.0); (406855.4, 3747802.3, 29.0, 29.0, 0.0);
(406853.0, 3747796.4, 29.0, 29.0, 0.0); (406875.5, 3747815.5, 29.0, 29.0, 0.0);
(406884.7, 3747815.5, 29.0, 29.0, 0.0); (406893.9, 3747815.5, 29.0, 29.0, 0.0);
(406903.1, 3747815.5, 29.0, 29.0, 0.0); (406912.2, 3747815.5, 29.0, 29.0, 0.0);
(406921.4, 3747815.5, 29.0, 29.0, 0.0); (406930.6, 3747815.5, 29.0, 29.0, 0.0);
(406939.8, 3747815.5, 29.0, 29.0, 0.0); (406949.0, 3747815.5, 29.0, 29.0, 0.0);
(406958.2, 3747815.5, 29.0, 29.0, 0.0); (406967.4, 3747815.5, 29.0, 29.0, 0.0);
(406976.5, 3747815.5, 29.0, 29.0, 0.0); (406985.7, 3747815.5, 29.0, 29.0, 0.0);
(406868.4, 3747817.6, 29.0, 29.0, 0.0); (406861.4, 3747814.6, 29.0, 29.0, 0.0);
(406851.4, 3747804.6, 29.0, 29.0, 0.0); (406848.4, 3747797.6, 29.0, 29.0, 0.0);
(406875.5, 3747820.5, 29.0, 29.0, 0.0); (406884.7, 3747820.5, 29.0, 29.0, 0.0);
(406893.9, 3747820.5, 29.0, 29.0, 0.0); (406903.1, 3747820.5, 29.0, 29.0, 0.0);
(406912.2, 3747820.5, 29.0, 29.0, 0.0); (406921.4, 3747820.5, 29.0, 29.0, 0.0);
(406930.6, 3747820.5, 29.0, 29.0, 0.0); (406939.8, 3747820.5, 29.0, 29.0, 0.0);
(406949.0, 3747820.5, 29.0, 29.0, 0.0); (406958.2, 3747820.5, 29.0, 29.0, 0.0);
(406967.4, 3747820.5, 29.0, 29.0, 0.0); (406976.5, 3747820.5, 29.0, 29.0, 0.0);
(406985.7, 3747820.5, 29.0, 29.0, 0.0); (406867.3, 3747822.1, 29.0, 29.0, 0.0);
(406859.0, 3747818.7, 29.0, 29.0, 0.0); (406847.3, 3747807.0, 29.0, 29.0, 0.0);
(406843.9, 3747798.7, 29.0, 29.0, 0.0); (406875.5, 3747825.5, 29.0, 29.0, 0.0);
(406884.7, 3747825.5, 29.0, 29.0, 0.0); (406893.9, 3747825.5, 29.0, 29.0, 0.0);
(406903.1, 3747825.5, 29.0, 29.0, 0.0); (406912.2, 3747825.5, 29.0, 29.0, 0.0);
(406921.4, 3747825.5, 29.0, 29.0, 0.0); (406930.6, 3747825.5, 29.0, 29.0, 0.0);
(406939.8, 3747825.5, 29.0, 29.0, 0.0); (406949.0, 3747825.5, 29.0, 29.0, 0.0);
(406958.2, 3747825.5, 29.0, 29.0, 0.0); (406967.4, 3747825.5, 29.0, 29.0, 0.0);
(406976.5, 3747825.5, 29.0, 29.0, 0.0); (406985.7, 3747825.5, 29.0, 29.0, 0.0);
(406868.4, 3747827.6, 29.0, 29.0, 0.0); (406861.4, 3747824.6, 29.0, 29.0, 0.0);
(406854.3, 3747821.7, 29.0, 29.0, 0.0); (406844.3, 3747811.7, 29.0, 29.0, 0.0);
(406841.4, 3747804.6, 29.0, 29.0, 0.0); (406838.4, 3747797.6, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406875.5, 3747830.5, 29.0, 29.0, 0.0); (406884.7, 3747830.5, 29.0, 29.0, 0.0);
(406893.9, 3747830.5, 29.0, 29.0, 0.0); (406903.1, 3747830.5, 29.0, 29.0, 0.0);
(406912.2, 3747830.5, 29.0, 29.0, 0.0); (406921.4, 3747830.5, 29.0, 29.0, 0.0);
(406930.6, 3747830.5, 29.0, 29.0, 0.0); (406939.8, 3747830.5, 29.0, 29.0, 0.0);
(406949.0, 3747830.5, 29.0, 29.0, 0.0); (406958.2, 3747830.5, 29.0, 29.0, 0.0);
(406967.4, 3747830.5, 29.0, 29.0, 0.0); (406976.5, 3747830.5, 29.0, 29.0, 0.0);
(406985.7, 3747830.5, 29.0, 29.0, 0.0); (406867.5, 3747832.2, 29.0, 29.0, 0.0);
(406859.6, 3747828.9, 29.0, 29.0, 0.0); (406851.6, 3747825.6, 29.0, 29.0, 0.0);
(406840.4, 3747814.4, 29.0, 29.0, 0.0); (406837.1, 3747806.4, 29.0, 29.0, 0.0);
(406833.8, 3747798.4, 29.0, 29.0, 0.0); (406875.5, 3747835.5, 29.0, 29.0, 0.0);
(406884.7, 3747835.5, 29.0, 29.0, 0.0); (406893.9, 3747835.5, 29.0, 29.0, 0.0);
(406903.1, 3747835.5, 29.0, 29.0, 0.0); (406912.2, 3747835.5, 29.0, 29.0, 0.0);
(406921.4, 3747835.5, 29.0, 29.0, 0.0); (406930.6, 3747835.5, 29.0, 29.0, 0.0);
(406939.8, 3747835.5, 29.0, 29.0, 0.0); (406949.0, 3747835.5, 29.0, 29.0, 0.0);
(406958.2, 3747835.5, 29.0, 29.0, 0.0); (406967.4, 3747835.5, 29.0, 29.0, 0.0);
(406976.5, 3747835.5, 29.0, 29.0, 0.0); (406985.7, 3747835.5, 29.0, 29.0, 0.0);
(406868.4, 3747837.6, 29.0, 29.0, 0.0); (406861.4, 3747834.6, 29.0, 29.0, 0.0);
(406854.3, 3747831.7, 29.0, 29.0, 0.0); (406847.2, 3747828.8, 29.0, 29.0, 0.0);
(406837.2, 3747818.8, 29.0, 29.0, 0.0); (406834.3, 3747811.7, 29.0, 29.0, 0.0);
(406831.4, 3747804.6, 29.0, 29.0, 0.0); (406828.4, 3747797.6, 29.0, 29.0, 0.0);
(406875.5, 3747840.5, 29.0, 29.0, 0.0); (406884.7, 3747840.5, 29.0, 29.0, 0.0);
(406893.9, 3747840.5, 29.0, 29.0, 0.0); (406903.1, 3747840.5, 29.0, 29.0, 0.0);
(406912.2, 3747840.5, 29.0, 29.0, 0.0); (406921.4, 3747840.5, 29.0, 29.0, 0.0);
(406930.6, 3747840.5, 29.0, 29.0, 0.0); (406939.8, 3747840.5, 29.0, 29.0, 0.0);
(406949.0, 3747840.5, 29.0, 29.0, 0.0); (406958.2, 3747840.5, 29.0, 29.0, 0.0);
(406967.4, 3747840.5, 29.0, 29.0, 0.0); (406976.5, 3747840.5, 29.0, 29.0, 0.0);
(406985.7, 3747840.5, 29.0, 29.0, 0.0); (406867.7, 3747842.3, 29.0, 29.0, 0.0);
(406852.2, 3747835.8, 29.0, 29.0, 0.0); (406844.4, 3747832.6, 29.0, 29.0, 0.0);
(406833.4, 3747821.6, 29.0, 29.0, 0.0); (406830.2, 3747813.8, 29.0, 29.0, 0.0);

(406827.0, 3747806.0, 29.0, 29.0, 0.0); (406823.7,
3747798.3, 29.0, 29.0, 0.0);
(406875.5, 3747845.5, 29.0, 29.0, 0.0); (406884.7,
3747845.5, 29.0, 29.0, 0.0);
(406893.9, 3747845.5, 29.0, 29.0, 0.0); (406903.1,
3747845.5, 29.0, 29.0, 0.0);
(406912.2, 3747845.5, 29.0, 29.0, 0.0); (406921.4,
3747845.5, 29.0, 29.0, 0.0);
(406930.6, 3747845.5, 29.0, 29.0, 0.0); (406939.8,
3747845.5, 29.0, 29.0, 0.0);
(406949.0, 3747845.5, 29.0, 29.0, 0.0); (406958.2,
3747845.5, 29.0, 29.0, 0.0);
(406967.4, 3747845.5, 29.0, 29.0, 0.0); (406976.5,
3747845.5, 29.0, 29.0, 0.0);
(406985.7, 3747845.5, 29.0, 29.0, 0.0); (406868.4,
3747847.6, 29.0, 29.0, 0.0);
(406861.4, 3747844.6, 29.0, 29.0, 0.0); (406854.3,
3747841.7, 29.0, 29.0, 0.0);
(406847.2, 3747838.8, 29.0, 29.0, 0.0); (406840.1,
3747835.8, 29.0, 29.0, 0.0);
(406830.1, 3747825.8, 29.0, 29.0, 0.0); (406827.2,
3747818.8, 29.0, 29.0, 0.0);
(406824.3, 3747811.7, 29.0, 29.0, 0.0); (406821.4,
3747804.6, 29.0, 29.0, 0.0);
(406818.4, 3747797.5, 29.0, 29.0, 0.0); (406875.5,
3747850.5, 29.0, 29.0, 0.0);
(406884.7, 3747850.5, 29.0, 29.0, 0.0); (406893.9,
3747850.5, 29.0, 29.0, 0.0);
(406903.1, 3747850.5, 29.0, 29.0, 0.0); (406912.2,
3747850.5, 29.0, 29.0, 0.0);
(406921.4, 3747850.5, 29.0, 29.0, 0.0); (406930.6,
3747850.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406939.8, 3747850.5, 29.0, 29.0, 0.0); (406949.0,
3747850.5, 29.0, 29.0, 0.0);
(406958.2, 3747850.5, 29.0, 29.0, 0.0); (406967.4,
3747850.5, 29.0, 29.0, 0.0);
(406976.5, 3747850.5, 29.0, 29.0, 0.0); (406985.7,
3747850.5, 29.0, 29.0, 0.0);
(406867.8, 3747852.3, 29.0, 29.0, 0.0); (406860.2,
3747849.1, 29.0, 29.0, 0.0);
(406852.5, 3747846.0, 29.0, 29.0, 0.0); (406844.9,
3747842.8, 29.0, 29.0, 0.0);
(406837.2, 3747839.6, 29.0, 29.0, 0.0); (406826.4,
3747828.8, 29.0, 29.0, 0.0);
(406823.2, 3747821.1, 29.0, 29.0, 0.0); (406820.0,
3747813.5, 29.0, 29.0, 0.0);
(406816.8, 3747805.8, 29.0, 29.0, 0.0); (406813.7,
3747798.1, 29.0, 29.0, 0.0);
(406875.5, 3747855.5, 29.0, 29.0, 0.0); (406884.7,
3747855.5, 29.0, 29.0, 0.0);
(406893.9, 3747855.5, 29.0, 29.0, 0.0); (406903.1,
3747855.5, 29.0, 29.0, 0.0);
(406912.2, 3747855.5, 29.0, 29.0, 0.0); (406921.4,
3747855.5, 29.0, 29.0, 0.0);

(406930.6, 3747855.5, 29.0, 29.0, 0.0); (406939.8, 3747855.5, 29.0, 29.0, 0.0);
(406949.0, 3747855.5, 29.0, 29.0, 0.0); (406958.2, 3747855.5, 29.0, 29.0, 0.0);
(406967.4, 3747855.5, 29.0, 29.0, 0.0); (406976.5, 3747855.5, 29.0, 29.0, 0.0);
(406985.7, 3747855.5, 29.0, 29.0, 0.0); (406867.3, 3747857.1, 29.0, 29.0, 0.0);
(406859.0, 3747853.7, 29.0, 29.0, 0.0); (406850.8, 3747850.2, 29.0, 29.0, 0.0);
(406842.5, 3747846.8, 29.0, 29.0, 0.0); (406834.2, 3747843.4, 29.0, 29.0, 0.0);
(406822.6, 3747831.7, 29.0, 29.0, 0.0); (406819.2, 3747823.5, 29.0, 29.0, 0.0);
(406815.8, 3747815.2, 29.0, 29.0, 0.0); (406812.3, 3747807.0, 29.0, 29.0, 0.0);
(406808.9, 3747798.7, 29.0, 29.0, 0.0); (406875.5, 3747860.5, 29.0, 29.0, 0.0);
(406884.7, 3747860.5, 29.0, 29.0, 0.0); (406893.9, 3747860.5, 29.0, 29.0, 0.0);
(406903.1, 3747860.5, 29.0, 29.0, 0.0); (406912.2, 3747860.5, 29.0, 29.0, 0.0);
(406921.4, 3747860.5, 29.0, 29.0, 0.0); (406930.6, 3747860.5, 29.0, 29.0, 0.0);
(406939.8, 3747860.5, 29.0, 29.0, 0.0); (406949.0, 3747860.5, 29.0, 29.0, 0.0);
(406958.2, 3747860.5, 29.0, 29.0, 0.0); (406967.4, 3747860.5, 29.0, 29.0, 0.0);
(406976.5, 3747860.5, 29.0, 29.0, 0.0); (406985.7, 3747860.5, 29.0, 29.0, 0.0);
(406867.9, 3747862.4, 29.0, 29.0, 0.0); (406860.3, 3747859.2, 29.0, 29.0, 0.0);
(406852.8, 3747856.1, 29.0, 29.0, 0.0); (406845.2, 3747852.9, 29.0, 29.0, 0.0);
(406837.6, 3747849.8, 29.0, 29.0, 0.0); (406830.0, 3747846.7, 29.0, 29.0, 0.0);
(406819.3, 3747835.9, 29.0, 29.0, 0.0); (406816.2, 3747828.4, 29.0, 29.0, 0.0);
(406813.1, 3747820.8, 29.0, 29.0, 0.0); (406809.9, 3747813.2, 29.0, 29.0, 0.0);
(406806.8, 3747805.6, 29.0, 29.0, 0.0); (406803.6, 3747798.0, 29.0, 29.0, 0.0);
(406875.5, 3747865.5, 29.0, 29.0, 0.0); (406884.7, 3747865.5, 29.0, 29.0, 0.0);
(406893.9, 3747865.5, 29.0, 29.0, 0.0); (406903.1, 3747865.5, 29.0, 29.0, 0.0);
(406912.2, 3747865.5, 29.0, 29.0, 0.0); (406921.4, 3747865.5, 29.0, 29.0, 0.0);
(406930.6, 3747865.5, 29.0, 29.0, 0.0); (406939.8, 3747865.5, 29.0, 29.0, 0.0);
(406949.0, 3747865.5, 29.0, 29.0, 0.0); (406958.2, 3747865.5, 29.0, 29.0, 0.0);
(406967.4, 3747865.5, 29.0, 29.0, 0.0); (406976.5, 3747865.5, 29.0, 29.0, 0.0);
(406985.7, 3747865.5, 29.0, 29.0, 0.0); (406867.4, 3747867.1, 29.0, 29.0, 0.0);
(406859.3, 3747863.8, 29.0, 29.0, 0.0); (406851.3, 3747860.4, 29.0, 29.0, 0.0);
(406835.1, 3747853.8, 29.0, 29.0, 0.0); (406827.0, 3747850.4, 29.0, 29.0, 0.0);
(406815.6, 3747839.0, 29.0, 29.0, 0.0); (406812.2, 3747830.9, 29.0, 29.0, 0.0);
(406808.9, 3747822.8, 29.0, 29.0, 0.0); (406805.5, 3747814.7, 29.0, 29.0, 0.0);
(406802.2, 3747806.6, 29.0, 29.0, 0.0); (406798.9, 3747798.5, 29.0, 29.0, 0.0);

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

(406893.9, 3747870.5, 29.0, 29.0, 0.0); (406903.1, 3747870.5, 29.0, 29.0, 0.0);
(406912.2, 3747870.5, 29.0, 29.0, 0.0); (406921.4, 3747870.5, 29.0, 29.0, 0.0);
(406930.6, 3747870.5, 29.0, 29.0, 0.0); (406939.8, 3747870.5, 29.0, 29.0, 0.0);
(406949.0, 3747870.5, 29.0, 29.0, 0.0); (406958.2, 3747870.5, 29.0, 29.0, 0.0);
(406967.4, 3747870.5, 29.0, 29.0, 0.0); (406976.5, 3747870.5, 29.0, 29.0, 0.0);
(406985.7, 3747870.5, 29.0, 29.0, 0.0); (406868.0, 3747872.4, 29.0, 29.0, 0.0);
(406860.5, 3747869.3, 29.0, 29.0, 0.0); (406853.0, 3747866.2, 29.0, 29.0, 0.0);
(406845.5, 3747863.0, 29.0, 29.0, 0.0); (406837.9, 3747859.9, 29.0, 29.0, 0.0);
(406830.4, 3747856.8, 29.0, 29.0, 0.0); (406822.9, 3747853.7, 29.0, 29.0, 0.0);
(406812.3, 3747843.1, 29.0, 29.0, 0.0); (406809.2, 3747835.6, 29.0, 29.0, 0.0);
(406806.1, 3747828.0, 29.0, 29.0, 0.0); (406803.0, 3747820.5, 29.0, 29.0, 0.0);
(406799.8, 3747813.0, 29.0, 29.0, 0.0); (406796.7, 3747805.5, 29.0, 29.0, 0.0);
(406793.6, 3747798.0, 29.0, 29.0, 0.0); (406875.5, 3747875.5, 29.0, 29.0, 0.0);
(406884.7, 3747875.5, 29.0, 29.0, 0.0); (406893.9, 3747875.5, 29.0, 29.0, 0.0);
(406903.1, 3747875.5, 29.0, 29.0, 0.0); (406912.2, 3747875.5, 29.0, 29.0, 0.0);
(406921.4, 3747875.5, 29.0, 29.0, 0.0); (406930.6, 3747875.5, 29.0, 29.0, 0.0);
(406939.8, 3747875.5, 29.0, 29.0, 0.0); (406949.0, 3747875.5, 29.0, 29.0, 0.0);
(406958.2, 3747875.5, 29.0, 29.0, 0.0); (406967.4, 3747875.5, 29.0, 29.0, 0.0);
(406976.5, 3747875.5, 29.0, 29.0, 0.0); (406985.7, 3747875.5, 29.0, 29.0, 0.0);
(406867.5, 3747877.2, 29.0, 29.0, 0.0); (406859.6, 3747873.9, 29.0, 29.0, 0.0);
(406843.7, 3747867.3, 29.0, 29.0, 0.0); (406835.7, 3747864.0, 29.0, 29.0, 0.0);
(406827.8, 3747860.7, 29.0, 29.0, 0.0); (406819.8, 3747857.4, 29.0, 29.0, 0.0);
(406808.6, 3747846.2, 29.0, 29.0, 0.0); (406805.3, 3747838.2, 29.0, 29.0, 0.0);
(406802.0, 3747830.3, 29.0, 29.0, 0.0); (406798.7, 3747822.3, 29.0, 29.0, 0.0);
(406795.4, 3747814.3, 29.0, 29.0, 0.0); (406792.1, 3747806.4, 29.0, 29.0, 0.0);
(406788.8, 3747798.4, 29.0, 29.0, 0.0); (406875.5, 3747880.5, 29.0, 29.0, 0.0);

(406884.7, 3747880.5, 29.0, 29.0, 0.0); (406893.9, 3747880.5, 29.0, 29.0, 0.0);
(406903.1, 3747880.5, 29.0, 29.0, 0.0); (406912.2, 3747880.5, 29.0, 29.0, 0.0);
(406921.4, 3747880.5, 29.0, 29.0, 0.0); (406930.6, 3747880.5, 29.0, 29.0, 0.0);
(406939.8, 3747880.5, 29.0, 29.0, 0.0); (406949.0, 3747880.5, 29.0, 29.0, 0.0);
(406958.2, 3747880.5, 29.0, 29.0, 0.0); (406967.4, 3747880.5, 29.0, 29.0, 0.0);
(406976.5, 3747880.5, 29.0, 29.0, 0.0); (406985.7, 3747880.5, 29.0, 29.0, 0.0);
(406867.1, 3747882.0, 29.0, 29.0, 0.0); (406858.7, 3747878.5, 29.0, 29.0, 0.0);
(406850.3, 3747875.1, 29.0, 29.0, 0.0); (406841.9, 3747871.6, 29.0, 29.0, 0.0);
(406833.5, 3747868.1, 29.0, 29.0, 0.0); (406825.1, 3747864.6, 29.0, 29.0, 0.0);
(406816.7, 3747861.1, 29.0, 29.0, 0.0); (406804.8, 3747849.3, 29.0, 29.0, 0.0);
(406801.4, 3747840.9, 29.0, 29.0, 0.0); (406797.9, 3747832.5, 29.0, 29.0, 0.0);
(406794.4, 3747824.1, 29.0, 29.0, 0.0); (406790.9, 3747815.7, 29.0, 29.0, 0.0);
(406787.5, 3747807.3, 29.0, 29.0, 0.0); (406784.0, 3747798.9, 29.0, 29.0, 0.0);
(406875.5, 3747885.5, 29.0, 29.0, 0.0); (406884.7, 3747885.5, 29.0, 29.0, 0.0);
(406893.9, 3747885.5, 29.0, 29.0, 0.0); (406903.1, 3747885.5, 29.0, 29.0, 0.0);
(406912.2, 3747885.5, 29.0, 29.0, 0.0); (406921.4, 3747885.5, 29.0, 29.0, 0.0);
(406930.6, 3747885.5, 29.0, 29.0, 0.0); (406939.8, 3747885.5, 29.0, 29.0, 0.0);
(406949.0, 3747885.5, 29.0, 29.0, 0.0); (406958.2, 3747885.5, 29.0, 29.0, 0.0);
(406967.4, 3747885.5, 29.0, 29.0, 0.0); (406976.5, 3747885.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406985.7, 3747885.5, 29.0, 29.0, 0.0); (406867.6, 3747887.2, 29.0, 29.0, 0.0);
(406859.8, 3747884.0, 29.0, 29.0, 0.0); (406851.9, 3747880.7, 29.0, 29.0, 0.0);
(406844.1, 3747877.5, 29.0, 29.0, 0.0); (406836.2, 3747874.2, 29.0, 29.0, 0.0);
(406828.4, 3747871.0, 29.0, 29.0, 0.0); (406820.5, 3747867.7, 29.0, 29.0, 0.0);
(406812.6, 3747864.4, 29.0, 29.0, 0.0); (406801.5, 3747853.3, 29.0, 29.0, 0.0);
(406798.3, 3747845.5, 29.0, 29.0, 0.0); (406795.0, 3747837.6, 29.0, 29.0, 0.0);
(406791.8, 3747829.8, 29.0, 29.0, 0.0); (406788.5, 3747821.9, 29.0, 29.0, 0.0);
(406785.3, 3747814.0, 29.0, 29.0, 0.0); (406782.0, 3747806.2, 29.0, 29.0, 0.0);

(406778.8, 3747798.3, 29.0, 29.0, 0.0); (406875.5, 3747890.5, 29.0, 29.0, 0.0);
(406884.7, 3747890.5, 29.0, 29.0, 0.0); (406893.9, 3747890.5, 29.0, 29.0, 0.0);
(406903.1, 3747890.5, 29.0, 29.0, 0.0); (406912.2, 3747890.5, 29.0, 29.0, 0.0);
(406921.4, 3747890.5, 29.0, 29.0, 0.0); (406930.6, 3747890.5, 29.0, 29.0, 0.0);
(406939.8, 3747890.5, 29.0, 29.0, 0.0); (406949.0, 3747890.5, 29.0, 29.0, 0.0);
(406958.2, 3747890.5, 29.0, 29.0, 0.0); (406967.4, 3747890.5, 29.0, 29.0, 0.0);
(406976.5, 3747890.5, 29.0, 29.0, 0.0); (406985.7, 3747890.5, 29.0, 29.0, 0.0);
(406875.5, 3747790.5, 29.0, 29.0, 0.0); (406985.7, 3747790.5, 29.0, 29.0, 0.0);
(406985.8, 3747680.3, 29.0, 29.0, 0.0); (406875.5, 3747680.3, 29.0, 29.0, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

KFUL_V9_ADJU\KFUL_v9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0

```
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26   2.61   1.00    0.82
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:39:57

                     PAGE  27
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD
      (M)        CONC
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
        406990.74    3747790.50        0.00973                      406990.74
        3747781.32        0.01094
        406990.74    3747772.13        0.01214                      406990.74
        3747762.94        0.01319
        406990.75    3747753.76        0.01387                      406990.75
        3747744.57        0.01398
        406990.75    3747735.39        0.01332                      406990.75
        3747726.20        0.01191
        406990.75    3747717.01        0.01011                      406990.75
        3747707.83        0.00839
        406990.76    3747698.64        0.00693                      406990.76
        3747689.46        0.00572
        406990.76    3747680.27        0.00471                      406995.74
        3747790.50        0.00887
        406995.74    3747781.32        0.00982                      406995.74
        3747772.13        0.01072
        406995.74    3747762.94        0.01146                      406995.75
        3747753.76        0.01188
        406995.75    3747744.57        0.01185                      406995.75
        3747735.39        0.01125
        406995.75    3747726.20        0.01014                      406995.75
        3747717.02        0.00873
        406995.75    3747707.83        0.00735                      406995.76
        3747698.64        0.00616
        406995.76    3747689.46        0.00515                      406995.76
        3747680.27        0.00430
        406998.54    3747795.81        0.00793                      406991.04
        3747803.30        0.00814
        407000.74    3747790.50        0.00806                      407000.74
        3747781.32        0.00881
        407000.74    3747772.13        0.00948                      407000.74
        3747762.95        0.00999
        407000.75    3747753.76        0.01022                      407000.75
        3747744.57        0.01010
        407000.75    3747735.39        0.00957                      407000.75
        3747726.20        0.00867
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407000.75	3747717.02	0.00757	407000.75
3747707.83	0.00646		
407000.76	3747698.64	0.00548	407000.76
3747689.46	0.00465		
407000.76	3747680.27	0.00392	407002.81
3747797.57	0.00722		
406992.81	3747807.57	0.00748	407005.74
3747790.50	0.00733		
407005.74	3747781.32	0.00790	407005.74
3747772.13	0.00840		
407005.74	3747762.95	0.00873	407005.75
3747753.76	0.00884		
407005.75	3747744.57	0.00867	407005.75
3747735.39	0.00819		
407005.75	3747726.20	0.00746	407005.75
3747717.02	0.00658		
407005.75	3747707.83	0.00570	407005.76
3747698.65	0.00490		
407005.76	3747689.46	0.00420	407005.76
3747680.27	0.00359		
407008.30	3747796.40	0.00663	407005.86
3747802.29	0.00653		
406997.52	3747810.62	0.00674	406991.63
3747813.06	0.00705		
407010.74	3747790.50	0.00666	407010.74
3747781.32	0.00710		
407010.74	3747772.13	0.00745	407010.74
3747762.95	0.00766		
407010.75	3747753.76	0.00769	407010.75
3747744.58	0.00749		
407010.75	3747735.39	0.00707	407010.75
3747726.20	0.00646		
407010.75	3747717.02	0.00576	407010.75
3747707.83	0.00505		
407010.76	3747698.65	0.00439	407010.76
3747689.46	0.00381		
407010.76	3747680.27	0.00329	407012.81
3747797.58	0.00606		
407009.88	3747804.65	0.00598	406999.88
3747814.64	0.00622		
406992.81	3747817.57	0.00653	407015.74
3747790.51	0.00605		
407015.74	3747781.32	0.00638	407015.74
3747772.13	0.00663		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407015.74	3747762.95	0.00675	407015.75		

3747753.76 0.00672
407015.75 3747744.58 0.00651 407015.75
3747735.39 0.00614
407015.75 3747726.20 0.00564 407015.75
3747717.02 0.00507
407015.75 3747707.83 0.00449 407015.76
3747698.65 0.00395
407015.76 3747689.46 0.00346 407015.76
3747680.28 0.00302
407017.32 3747798.75 0.00555 407013.90
3747807.00 0.00550
407002.24 3747818.67 0.00575 406993.99
3747822.08 0.00607
407020.74 3747790.51 0.00549 407020.74
3747781.32 0.00574
407020.74 3747772.13 0.00591 407020.74
3747762.95 0.00597
407020.75 3747753.76 0.00590 407020.75
3747744.58 0.00570
407020.75 3747735.39 0.00537 407020.75
3747726.21 0.00495
407020.75 3747717.02 0.00448 407020.75
3747707.83 0.00401
407020.76 3747698.65 0.00356 407020.76
3747689.46 0.00315
407020.76 3747680.28 0.00277 407022.81
3747797.58 0.00508
407019.88 3747804.65 0.00509 407016.95
3747811.72 0.00504
407006.95 3747821.72 0.00524 406999.88
3747824.64 0.00551
406992.81 3747827.57 0.00571 407025.74
3747790.51 0.00499
407025.74 3747781.32 0.00517 407025.74
3747772.14 0.00528
407025.74 3747762.95 0.00530 407025.75
3747753.76 0.00521
407025.75 3747744.58 0.00502 407025.75
3747735.39 0.00473
407025.75 3747726.21 0.00438 407025.75
3747717.02 0.00399
407025.75 3747707.83 0.00360 407025.76
3747698.65 0.00323
407025.76 3747689.46 0.00288 407025.76
3747680.28 0.00255
407027.44 3747798.46 0.00465 407024.15
3747806.42 0.00469
407020.85 3747814.37 0.00465 407009.60
3747825.62 0.00487
407001.65 3747828.91 0.00513 406993.69
3747832.21 0.00532
407030.74 3747790.51 0.00454 407030.74
3747781.32 0.00467
407030.74 3747772.14 0.00474 407030.74
3747762.95 0.00472
407030.75 3747753.76 0.00462 407030.75
3747744.58 0.00444
407030.75 3747735.39 0.00419 407030.75
3747726.21 0.00390
407030.75 3747717.02 0.00357 407030.75
3747707.84 0.00325
407030.76 3747698.65 0.00293 407030.76
3747689.46 0.00264
407030.76 3747680.28 0.00236 407032.81
3747797.58 0.00425
407029.88 3747804.65 0.00432 407026.95

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407035.75	3747811.72	0.00433			
407024.02	3747818.79	0.00430	407014.02	3747828.79	0.00448
407006.95	3747831.72	0.00470	406999.88	3747834.64	0.00488
406992.81	3747837.57	0.00499	407035.74	3747790.51	0.00414
407035.74	3747781.32	0.00423	407035.74	3747772.14	0.00426
407035.74	3747762.95	0.00423	407035.75	3747753.77	0.00412
407035.75	3747744.58	0.00396	407035.75	3747735.39	0.00374
407035.75	3747726.21	0.00349	407035.75	3747717.02	0.00322
407035.75	3747707.84	0.00294	407035.76	3747698.65	0.00268
407035.76	3747689.46	0.00242	407035.76	3747680.28	0.00218
407037.52	3747798.29	0.00391	407034.29	3747806.06	0.00399
407031.07	3747813.84	0.00401	407027.85	3747821.62	0.00399
407016.85	3747832.62	0.00418	407009.07	3747835.84	0.00440
406993.52	3747842.28	0.00467	407040.74	3747790.51	0.00378
407040.74	3747781.32	0.00383	407040.74	3747772.14	0.00384
407040.74	3747762.95	0.00380	407040.75	3747753.77	0.00370
407040.75	3747744.58	0.00355	407040.75	3747735.39	0.00336
407040.75	3747726.21	0.00314	407040.75	3747717.02	0.00291
407040.75	3747707.84	0.00268	407040.76	3747698.65	0.00245
407040.76	3747689.47	0.00223	407040.76	3747680.28	0.00202
407042.22	3747798.99	0.00360	407038.71	3747807.48	0.00369
407035.19	3747815.96	0.00373	407031.68	3747824.45	0.00371
407019.68	3747836.44	0.00391	407011.19	3747839.96	0.00412

407002.71	3747843.47	0.00428	406994.22	
3747846.99	0.00437			
407045.74	3747790.51	0.00345	407045.74	
3747781.33	0.00349			
407045.74	3747772.14	0.00348	407045.74	
3747762.95	0.00342			
407045.75	3747753.77	0.00333	407045.75	
3747744.58	0.00319			
407045.75	3747735.40	0.00303	407045.75	
3747726.21	0.00284			
407045.75	3747717.02	0.00264	407045.75	
3747707.84	0.00245			
407045.76	3747698.65	0.00225	407045.76	
3747689.47	0.00206			
407045.76	3747680.28	0.00188	407047.57	
3747798.17	0.00329			
407044.39	3747805.83	0.00339	407041.22	
3747813.49	0.00345			
407038.05	3747821.15	0.00347	407034.87	
3747828.81	0.00346			
407024.04	3747839.64	0.00362	407016.38	
3747842.81	0.00381			
407008.72	3747845.98	0.00396	407001.06	
3747849.16	0.00406			
406993.40	3747852.33	0.00411	407050.74	
3747790.51	0.00316			
407050.74	3747781.33	0.00318	407050.74	
3747772.14	0.00316			
407050.74	3747762.95	0.00310	407050.75	
3747753.77	0.00301			
407050.75	3747744.58	0.00289	407050.75	
3747735.40	0.00274			
407050.75	3747726.21	0.00258	407050.75	
3747717.03	0.00241			
407050.75	3747707.84	0.00224	407050.76	
3747698.65	0.00207			
407050.76	3747689.47	0.00191	407050.76	
3747680.28	0.00175			
407052.32	3747798.76	0.00304	407048.90	
3747807.01	0.00314			
407045.49	3747815.26	0.00321	407042.07	
3747823.51	0.00324			
407038.65	3747831.75	0.00323	407026.98	
3747843.42	0.00340			
407018.74	3747846.83	0.00358	407010.49	
3747850.25	0.00372			
407002.24	3747853.67	0.00382	406993.99	
3747857.08	0.00385			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

```
      (M)        CONC
- - - -
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407070.75	3747753.77	0.00209	407070.75	3747744.59	0.00201
407070.75	3747735.40	0.00192	407070.75	3747726.21	0.00183
407070.75	3747717.03	0.00173	407070.75	3747707.84	0.00163
407070.76	3747698.66	0.00153	407070.76	3747689.47	0.00143
407070.76	3747680.29	0.00133	407072.44	3747798.47	0.00220
407069.15	3747806.42	0.00230	407065.85	3747814.38	0.00239
407062.56	3747822.33	0.00245	407059.26	3747830.28	0.00249
407055.97	3747838.24	0.00251	407052.67	3747846.19	0.00251
407041.42	3747857.44	0.00263	407033.47	3747860.73	0.00277
407025.51	3747864.03	0.00288	407017.56	3747867.32	0.00297
407001.65	3747873.91	0.00304	406993.69	3747877.21	0.00302
407075.74	3747790.52	0.00209	407075.74	3747781.33	0.00206
407075.74	3747772.14	0.00203	407075.74	3747762.96	0.00198
407075.75	3747753.77	0.00192	407075.75	3747744.59	0.00185
407061.40	3747813.05	0.00255	407058.29	3747820.56	0.00261
407055.18	3747828.07	0.00265	407052.06	3747835.59	0.00267
407048.95	3747843.10	0.00266	407038.33	3747853.72	0.00279
407030.81	3747856.83	0.00293	407023.30	3747859.94	0.00304
407015.79	3747863.05	0.00313	407008.28	3747866.17	0.00319
407000.76	3747869.28	0.00321	406993.25	3747872.39	0.00320
407070.74	3747790.52	0.00226	407070.74	3747781.33	0.00224
407070.74	3747772.14	0.00220	407070.74	3747762.96	0.00215

407075.75 3747735.40 0.00177 407075.75
3747726.22 0.00169
407075.75 3747717.03 0.00161 407075.75
3747707.84 0.00152
407075.76 3747698.66 0.00143 407075.76
3747689.47 0.00134
407075.76 3747680.29 0.00125 407077.26
3747798.91 0.00204
407073.78 3747807.31 0.00214 407070.30
3747815.70 0.00223
407066.82 3747824.10 0.00230 407063.35
3747832.49 0.00234
407059.87 3747840.89 0.00237 407056.39
3747849.29 0.00237
407044.51 3747861.16 0.00249 407036.12
3747864.64 0.00262
407027.72 3747868.11 0.00273 407019.32
3747871.59 0.00281
407010.93 3747875.07 0.00286 407002.53
3747878.55 0.00287
406994.14 3747882.02 0.00285 407080.74
3747790.52 0.00193
407080.74 3747781.33 0.00191 407080.74
3747772.15 0.00187
407080.74 3747762.96 0.00183 407080.75
3747753.77 0.00177
407080.75 3747744.59 0.00171 407080.75
3747735.40 0.00164
407080.75 3747726.22 0.00157 407080.75
3747717.03 0.00149
407080.75 3747707.84 0.00142 407080.76
3747698.66 0.00134
407080.76 3747689.47 0.00126 407080.76
3747680.29 0.00118
407082.48 3747798.37 0.00189 407079.23
3747806.23 0.00198
407075.97 3747814.08 0.00206 407072.72
3747821.94 0.00213
407069.46 3747829.80 0.00218 407066.21
3747837.65 0.00222
407062.95 3747845.51 0.00223 407059.70
3747853.36 0.00223
407048.59 3747864.47 0.00234 407040.73
3747867.72 0.00246
407032.88 3747870.98 0.00256 407025.02
3747874.23 0.00264
407017.16 3747877.49 0.00269 407009.31
3747880.74 0.00272
407001.45 3747883.99 0.00272 406993.60
3747887.25 0.00268
407085.74 3747790.52 0.00179 407085.74
3747781.33 0.00177

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407085.74	3747772.15	0.00173	407085.74	3747762.96	0.00169
407085.75	3747753.77	0.00164	407085.75	3747744.59	0.00158
407085.75	3747735.40	0.00152	407085.75	3747726.22	0.00146
407085.75	3747717.03	0.00139	407085.75	3747707.85	0.00132
407085.76	3747698.66	0.00125	407085.76	3747689.47	0.00118
407085.76	3747680.29	0.00111	406985.76	3747675.27	0.00460
406976.58	3747675.27	0.00536	406967.39	3747675.27	0.00617
406958.21	3747675.27	0.00698	406949.02	3747675.27	0.00767
406939.84	3747675.27	0.00812	406930.66	3747675.27	0.00825
406921.47	3747675.27	0.00803	406912.29	3747675.27	0.00749
406903.10	3747675.27	0.00673	406893.92	3747675.27	0.00587
406884.73	3747675.27	0.00503	406875.55	3747675.27	0.00426
406985.76	3747670.27	0.00411	406976.58	3747670.27	0.00471
406967.39	3747670.27	0.00535	406958.21	3747670.27	0.00595
406949.02	3747670.27	0.00646	406939.84	3747670.27	0.00678
406930.66	3747670.27	0.00687	406921.47	3747670.27	0.00671
406912.29	3747670.27	0.00631	406903.10	3747670.27	0.00574
406893.92	3747670.27	0.00508	406884.73	3747670.27	0.00442
406875.55	3747670.27	0.00381	406991.06	3747667.47	0.00357
406998.56	3747674.97	0.00369	406985.76	3747665.27	0.00367
406976.58	3747665.27	0.00415	406967.39	3747665.27	0.00465
406958.21	3747665.27	0.00511	406949.02	3747665.27	0.00549
406939.84	3747665.27	0.00573	406930.66	3747665.27	0.00579
406921.47	3747665.27	0.00566	406912.29	3747665.27	0.00536
406903.10	3747665.27	0.00492	406893.92	3747665.27	0.00442
406884.73	3747665.27	0.00390	406875.55	3747665.27	0.00340
406992.83	3747663.20	0.00318	407002.83	3747673.20	0.00333
406985.76	3747660.27	0.00328	406976.58	3747660.27	0.00367
406967.39	3747660.27	0.00406	406958.21	3747660.27	0.00442
406949.02	3747660.27	0.00470	406939.84		

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        3747660.27        0.00488
        406930.66    3747660.27        0.00492                    406921.47
        3747660.27        0.00482
        406912.29    3747660.27        0.00459                    406903.10
        3747660.27        0.00425
        406893.92    3747660.27        0.00386                    406884.73
        3747660.27        0.00345
        406875.55    3747660.27        0.00305                    406991.65
        3747657.71        0.00289
        406997.55    3747660.15        0.00281                    407005.88
        3747668.49        0.00291
        407008.32    3747674.38        0.00311                    406985.76
        3747655.27        0.00294
        406976.58    3747655.27        0.00326                    406967.39
        3747655.27        0.00357
        406958.21    3747655.27        0.00384                    406949.02
        3747655.27        0.00406
        406939.84    3747655.27        0.00420                    406930.66
        3747655.27        0.00422
        406921.47    3747655.27        0.00414                    406912.29
        3747655.27        0.00396
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***        15:39:57

                     PAGE  33
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
        406903.10    3747655.27        0.00370                    406893.92
        3747655.27        0.00339
        406884.73    3747655.27        0.00306                    406875.55
        3747655.27        0.00273
        406992.83    3747653.20        0.00260                    406999.90
        3747656.13        0.00253
        407009.90    3747666.13        0.00264                    407012.83
        3747673.20        0.00283
        406985.76    3747650.27        0.00265                    406976.58
        3747650.27        0.00290
        406967.39    3747650.27        0.00315                    406958.21
        3747650.27        0.00337
        406949.02    3747650.27        0.00353                    406939.84
        3747650.27        0.00364
        406930.66    3747650.27        0.00366                    406921.47
        3747650.27        0.00359
        406912.29    3747650.27        0.00345                    406903.10
        3747650.27        0.00324
        406893.92    3747650.27        0.00299                    406884.73
        3747650.27        0.00273
        406875.55    3747650.27        0.00246                    406994.01
        3747648.69        0.00235
        407002.26    3747652.11        0.00228                    407013.93
        3747663.77        0.00240
```

407017.34 3747672.03 0.00259 406985.76
3747645.27 0.00239
406976.58 3747645.27 0.00259 406967.39
3747645.27 0.00279
406958.21 3747645.27 0.00296 406949.02
3747645.27 0.00310
406939.84 3747645.27 0.00317 406930.66
3747645.27 0.00319
406921.47 3747645.27 0.00313 406912.29
3747645.27 0.00302
406903.10 3747645.27 0.00285 406893.92
3747645.27 0.00266
406884.73 3747645.27 0.00244 406875.55
3747645.27 0.00222
406992.83 3747643.20 0.00214 406999.90
3747646.13 0.00210
407006.98 3747649.06 0.00205 407016.98
3747659.06 0.00213
407019.90 3747666.13 0.00229 407022.83
3747673.21 0.00243
406985.76 3747640.27 0.00216 406976.58
3747640.27 0.00233
406967.39 3747640.27 0.00249 406958.21
3747640.27 0.00262
406949.02 3747640.27 0.00273 406939.84
3747640.27 0.00279
406930.66 3747640.27 0.00280 406921.47
3747640.27 0.00276
406912.29 3747640.27 0.00266 406903.10
3747640.27 0.00253
406893.92 3747640.27 0.00237 406884.73
3747640.27 0.00219
406875.55 3747640.27 0.00200 406993.72
3747638.57 0.00194
407001.67 3747641.86 0.00191 407009.63
3747645.16 0.00186
407020.88 3747656.41 0.00195 407024.17
3747664.37 0.00210
407027.47 3747672.32 0.00224 406985.76
3747635.27 0.00195
406976.58 3747635.27 0.00209 406967.39
3747635.27 0.00223
406958.21 3747635.27 0.00234 406949.02
3747635.27 0.00242
406939.84 3747635.27 0.00247 406930.66
3747635.27 0.00247
406921.47 3747635.27 0.00244 406912.29
3747635.27 0.00236
406903.10 3747635.27 0.00225 406893.92
3747635.27 0.00212
406884.73 3747635.27 0.00197 406875.55
3747635.27 0.00182
406992.83 3747633.20 0.00177 406999.90
3747636.13 0.00176
407006.98 3747639.06 0.00173 407014.05
3747641.99 0.00169

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407024.05	3747651.99	0.00176	407026.98	3747659.06	0.00188
407029.90	3747666.13	0.00199	407032.83	3747673.21	0.00209
406985.76	3747630.27	0.00178	406976.58	3747630.27	0.00189
406967.39	3747630.27	0.00200	406958.21	3747630.27	0.00209
406949.02	3747630.27	0.00216	406939.84	3747630.27	0.00219
406930.66	3747630.27	0.00220	406921.47	3747630.27	0.00217
406912.29	3747630.27	0.00211	406903.10	3747630.27	0.00202
406893.92	3747630.27	0.00191	406884.73	3747630.27	0.00178
406875.55	3747630.27	0.00165	406993.54	3747628.49	0.00162
407001.32	3747631.72	0.00161	407009.10	3747634.94	0.00158
407016.88	3747638.16	0.00155	407027.88	3747649.16	0.00162
407031.10	3747656.94	0.00173	407034.32	3747664.72	0.00184
407037.54	3747672.50	0.00194	406985.76	3747625.27	0.00162
406976.58	3747625.27	0.00172	406967.39	3747625.27	0.00180
406958.21	3747625.27	0.00188	406949.02	3747625.27	0.00193
406939.84	3747625.27	0.00196	406930.66	3747625.27	0.00197
406921.47	3747625.27	0.00194	406912.29	3747625.27	0.00189
406903.10	3747625.27	0.00181	406893.92	3747625.27	0.00172
406884.73	3747625.27	0.00162	406875.55	3747625.27	0.00151
406992.83	3747623.20	0.00148	406999.90	3747626.13	0.00148
407006.98	3747629.06	0.00147	407014.05	3747631.99	0.00144
407021.12	3747634.92	0.00141	407031.12	3747644.92	0.00147
407034.05	3747651.99	0.00156	407036.98	3747659.06	0.00165
407039.90	3747666.14	0.00174	407042.83	3747673.21	0.00181
406985.76	3747620.27	0.00148	406976.58	3747620.27	0.00156
406967.39	3747620.27	0.00163	406958.21	3747620.27	0.00170
406949.02	3747620.27	0.00174	406939.84	3747620.27	0.00176
406930.66	3747620.27	0.00177	406921.47		

3747620.27	0.00174			
406912.29	3747620.27	0.00170	406903.10	
3747620.27	0.00164			
406893.92	3747620.27	0.00156	406884.73	
3747620.27	0.00147			
406875.55	3747620.27	0.00138	406993.42	
3747618.44	0.00136			
407001.08	3747621.62	0.00136	407008.74	
3747624.79	0.00135			
407016.40	3747627.96	0.00133	407024.07	
3747631.14	0.00130			
407034.90	3747641.97	0.00136	407038.07	
3747649.64	0.00145			
407041.24	3747657.30	0.00154	407044.42	
3747664.96	0.00162			
407047.59	3747672.62	0.00169	406985.76	
3747615.27	0.00135			
406976.58	3747615.27	0.00142	406967.39	
3747615.27	0.00149			
406958.21	3747615.27	0.00154	406949.02	
3747615.27	0.00157			
406939.84	3747615.27	0.00159	406930.66	
3747615.27	0.00159			
406921.47	3747615.27	0.00157	406912.29	
3747615.27	0.00154			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406903.10	3747615.27	0.00149	406893.92	3747615.27	0.00142
406884.73	3747615.27	0.00135	406875.55	3747615.27	0.00127
406994.01	3747613.69	0.00125	407002.26	3747617.11	0.00125
407010.51	3747620.52	0.00125	407018.76	3747623.94	0.00123
407027.01	3747627.36	0.00120	407038.68	3747639.03	0.00126
407042.09	3747647.28	0.00134	407045.51	3747655.53	0.00143
407048.93	3747663.78	0.00151	407052.34	3747672.03	0.00157
406985.76	3747610.27	0.00124	406976.58	3747610.27	0.00130
406967.39	3747610.27	0.00135	406958.21	3747610.27	0.00140
406949.02	3747610.27	0.00143	406939.84	3747610.27	0.00144

406930.66 3747610.27 0.00144 406921.47
3747610.27 0.00143
406912.29 3747610.27 0.00140 406903.10
3747610.27 0.00135
406893.92 3747610.27 0.00130 406884.73
3747610.27 0.00123
406875.55 3747610.27 0.00116 406993.34
3747608.41 0.00116
407000.91 3747611.55 0.00116 407008.49
3747614.69 0.00116
407016.07 3747617.83 0.00115 407023.64
3747620.96 0.00113
407031.22 3747624.10 0.00111 407041.94
3747634.82 0.00115
407045.07 3747642.40 0.00123 407048.21
3747649.97 0.00130
407051.35 3747657.55 0.00136 407054.49
3747665.13 0.00143
407057.62 3747672.71 0.00148 406985.76
3747605.27 0.00114
406976.58 3747605.27 0.00119 406967.39
3747605.27 0.00124
406958.21 3747605.27 0.00127 406949.02
3747605.27 0.00130
406939.84 3747605.27 0.00131 406930.66
3747605.27 0.00131
406921.47 3747605.27 0.00130 406912.29
3747605.27 0.00127
406903.10 3747605.27 0.00123 406893.92
3747605.27 0.00119
406884.73 3747605.27 0.00113 406875.55
3747605.27 0.00107
406993.84 3747603.62 0.00107 407001.92
3747606.97 0.00107
407010.01 3747610.31 0.00107 407026.17
3747617.01 0.00105
407034.25 3747620.36 0.00103 407045.68
3747631.79 0.00107
407049.03 3747639.87 0.00114 407052.37
3747647.95 0.00121
407055.72 3747656.04 0.00128 407059.07
3747664.12 0.00133
407062.41 3747672.20 0.00138 406985.76
3747600.27 0.00106
406976.58 3747600.27 0.00110 406967.39
3747600.27 0.00114
406958.21 3747600.27 0.00117 406949.02
3747600.27 0.00119
406939.84 3747600.27 0.00120 406930.66
3747600.27 0.00120
406921.47 3747600.27 0.00119 406912.29
3747600.27 0.00116
406903.10 3747600.27 0.00113 406893.92
3747600.27 0.00109
406884.73 3747600.27 0.00104 406875.55
3747600.27 0.00099
406993.27 3747598.38 0.00099 407000.79
3747601.50 0.00100
407008.30 3747604.61 0.00100 407015.81
3747607.72 0.00099

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407023.33	3747610.83	0.00098	407030.84	3747613.95	0.00097
407038.36	3747617.06	0.00095	407048.98	3747627.69	0.00099
407052.09	3747635.20	0.00105	407055.20	3747642.71	0.00111
407058.31	3747650.23	0.00117	407061.43	3747657.74	0.00122
407064.54	3747665.26	0.00126	407067.65	3747672.77	0.00130
406985.76	3747595.27	0.00098	406976.58	3747595.27	0.00101
406967.39	3747595.27	0.00105	406958.21	3747595.27	0.00107
406949.02	3747595.27	0.00109	406939.84	3747595.27	0.00110
406930.66	3747595.27	0.00110	406921.47	3747595.27	0.00109
406912.29	3747595.27	0.00107	406903.10	3747595.27	0.00104
406893.92	3747595.27	0.00100	406884.73	3747595.27	0.00096
406875.55	3747595.27	0.00092	406993.72	3747593.57	0.00092
407001.67	3747596.86	0.00092	407017.58	3747603.45	0.00092
407025.54	3747606.75	0.00092	407033.49	3747610.04	0.00090
407041.45	3747613.34	0.00089	407052.70	3747624.59	0.00093
407055.99	3747632.55	0.00098	407059.29	3747640.50	0.00104
407062.58	3747648.46	0.00109	407065.88	3747656.42	0.00114
407069.17	3747664.37	0.00119	407072.47	3747672.33	0.00122
406985.76	3747590.27	0.00090	406976.58	3747590.27	0.00094
406967.39	3747590.27	0.00096	406958.21	3747590.27	0.00099
406949.02	3747590.27	0.00100	406939.84	3747590.27	0.00101
406930.66	3747590.27	0.00101	406921.47	3747590.27	0.00100
406912.29	3747590.27	0.00098	406903.10	3747590.27	0.00096
406893.92	3747590.27	0.00093	406884.73	3747590.27	0.00089
406875.55	3747590.27	0.00085	406994.16	3747588.75	0.00085
407002.56	3747592.23	0.00086	407010.95		

3747595.71	0.00086			
407019.35	3747599.19	0.00086	407027.75	
3747602.66	0.00086			
407036.15	3747606.14	0.00084	407044.54	
3747609.62	0.00083			
407056.42	3747621.50	0.00087	407059.90	
3747629.90	0.00092			
407063.37	3747638.30	0.00098	407066.85	
3747646.69	0.00103			
407070.33	3747655.09	0.00107	407073.81	
3747663.49	0.00112			
407077.28	3747671.89	0.00115	406985.76	
3747585.27	0.00084			
406976.58	3747585.27	0.00087	406967.39	
3747585.27	0.00089			
406958.21	3747585.27	0.00091	406949.02	
3747585.27	0.00092			
406939.84	3747585.27	0.00093	406930.66	
3747585.27	0.00093			
406921.47	3747585.27	0.00092	406912.29	
3747585.27	0.00090			
406903.10	3747585.27	0.00088	406893.92	
3747585.27	0.00086			
406884.73	3747585.27	0.00083	406875.55	
3747585.27	0.00079			
406993.62	3747583.53	0.00079	407001.47	
3747586.78	0.00080			
407009.33	3747590.04	0.00081	407017.19	
3747593.29	0.00081			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407025.05	3747596.55	0.00080	407032.90		
3747599.80	0.00080				
407040.76	3747603.06	0.00079	407048.62		
3747606.31	0.00077				
407059.73	3747617.42	0.00081	407062.98		
3747625.28	0.00085				
407066.24	3747633.14	0.00090	407069.49		
3747641.00	0.00095				
407072.75	3747648.86	0.00099	407076.00		
3747656.71	0.00103				
407079.25	3747664.57	0.00106	407082.51		
3747672.43	0.00109				
406985.76	3747580.27	0.00078	406976.58		
3747580.27	0.00081				
406967.39	3747580.27	0.00083	406958.21		
3747580.27	0.00084				

406949.02 3747580.27 0.00085 406939.84
3747580.27 0.00086
406930.66 3747580.27 0.00086 406921.47
3747580.27 0.00085
406912.29 3747580.27 0.00084 406903.10
3747580.27 0.00082
406893.92 3747580.27 0.00079 406884.73
3747580.27 0.00077
406875.55 3747580.27 0.00074 406870.55
3747680.27 0.00433
406870.55 3747689.45 0.00522 406870.54
3747698.64 0.00622
406870.54 3747707.83 0.00726 406870.54
3747717.01 0.00821
406870.53 3747726.20 0.00891 406870.53
3747735.38 0.00921
406870.53 3747744.57 0.00907 406870.52
3747753.75 0.00854
406870.52 3747762.94 0.00775 406870.52
3747772.13 0.00686
406870.51 3747781.31 0.00598 406870.51
3747790.50 0.00516
406865.55 3747680.27 0.00392 406865.55
3747689.45 0.00466
406865.54 3747698.64 0.00547 406865.54
3747707.82 0.00628
406865.54 3747717.01 0.00701 406865.53
3747726.20 0.00753
406865.53 3747735.38 0.00776 406865.53
3747744.57 0.00766
406865.52 3747753.75 0.00726 406865.52
3747762.94 0.00665
406865.52 3747772.12 0.00595 406865.51
3747781.31 0.00523
406865.51 3747790.50 0.00455 406862.75
3747674.96 0.00336
406870.25 3747667.47 0.00329 406860.55
3747680.26 0.00356
406860.55 3747689.45 0.00417 406860.54
3747698.64 0.00482
406860.54 3747707.82 0.00547 406860.54
3747717.01 0.00603
406860.53 3747726.19 0.00643 406860.53
3747735.38 0.00661
406860.53 3747744.57 0.00653 406860.52
3747753.75 0.00623
406860.52 3747762.94 0.00576 406860.52
3747772.12 0.00520
406860.51 3747781.31 0.00461 406860.51
3747790.49 0.00404
406858.48 3747673.19 0.00302 406868.48
3747663.20 0.00293
406855.55 3747680.26 0.00323 406855.55
3747689.45 0.00374
406855.54 3747698.63 0.00428 406855.54
3747707.82 0.00479
406855.54 3747717.01 0.00524 406855.53
3747726.19 0.00555
406855.53 3747735.38 0.00568 406855.53
3747744.56 0.00562
406855.52 3747753.75 0.00539 406855.52
3747762.94 0.00502
406855.52 3747772.12 0.00457 406855.51
3747781.31 0.00409

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406855.51	3747790.49	0.00362	406852.99	3747674.37	0.00280
406855.43	3747668.48	0.00264	406863.77	3747660.15	0.00257
406869.66	3747657.71	0.00266	406850.55	3747680.26	0.00294
406850.55	3747689.45	0.00337	406850.54	3747698.63	0.00381
406850.54	3747707.82	0.00423	406850.54	3747717.00	0.00458
406850.53	3747726.19	0.00482	406850.53	3747735.38	0.00493
406850.53	3747744.56	0.00489	406850.52	3747753.75	0.00470
406850.52	3747762.93	0.00440	406850.52	3747772.12	0.00404
406850.51	3747781.31	0.00364	406850.51	3747790.49	0.00325
406848.48	3747673.19	0.00254	406851.41	3747666.12	0.00238
406861.41	3747656.13	0.00231	406868.48	3747653.20	0.00239
406845.55	3747680.26	0.00268	406845.55	3747689.44	0.00305
406845.54	3747698.63	0.00341	406845.54	3747707.82	0.00375
406845.54	3747717.00	0.00403	406845.53	3747726.19	0.00423
406845.53	3747735.37	0.00431	406845.53	3747744.56	0.00428
406845.52	3747753.75	0.00413	406845.52	3747762.93	0.00389
406845.52	3747772.12	0.00359	406845.51	3747781.30	0.00326
406845.51	3747790.49	0.00293	406843.97	3747672.01	0.00231
406847.39	3747663.76	0.00215	406859.05	3747652.10	0.00208
406867.30	3747648.69	0.00216	406840.55	3747680.26	0.00245
406840.55	3747689.44	0.00276	406840.54	3747698.63	0.00306
406840.54	3747707.81	0.00334	406840.54	3747717.00	0.00357
406840.53	3747726.19	0.00373	406840.53	3747735.37	0.00380
406840.53	3747744.56	0.00377	406840.52		

3747753.74	0.00365			
406840.52	3747762.93	0.00346	406840.52	
3747772.12	0.00321			
406840.51	3747781.30	0.00294	406840.51	
3747790.49	0.00266			
406838.48	3747673.19	0.00215	406841.41	
3747666.12	0.00204			
406844.34	3747659.05	0.00191	406854.34	
3747649.05	0.00185			
406861.41	3747646.13	0.00192	406868.48	
3747643.20	0.00197			
406835.55	3747680.26	0.00225	406835.55	
3747689.44	0.00251			
406835.54	3747698.63	0.00276	406835.54	
3747707.81	0.00300			
406835.54	3747717.00	0.00319	406835.53	
3747726.18	0.00332			
406835.53	3747735.37	0.00337	406835.53	
3747744.56	0.00335			
406835.52	3747753.74	0.00325	406835.52	
3747762.93	0.00309			
406835.52	3747772.11	0.00289	406835.51	
3747781.30	0.00266			
406835.51	3747790.49	0.00242	406833.85	
3747672.30	0.00197			
406837.14	3747664.35	0.00186	406840.44	
3747656.40	0.00174			
406851.69	3747645.15	0.00168	406859.64	
3747641.86	0.00174			
406867.60	3747638.56	0.00179	406830.55	
3747680.25	0.00207			
406830.55	3747689.44	0.00229	406830.54	
3747698.63	0.00250			

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406830.54	3747707.81	0.00270	406830.54	3747717.00	0.00286
406830.53	3747726.18	0.00296	406830.53	3747735.37	0.00301
406830.53	3747744.55	0.00299	406830.52	3747753.74	0.00291
406830.52	3747762.93	0.00278	406830.52	3747772.11	0.00261
406830.51	3747781.30	0.00241	406830.51	3747790.48	0.00221
406828.48	3747673.18	0.00184	406831.41	3747666.11	0.00175

406834.34 3747659.05 0.00166 406837.27
3747651.98 0.00156
406847.27 3747641.98 0.00152 406854.34
3747639.05 0.00157
406861.41 3747636.13 0.00161 406868.48
3747633.20 0.00164
406825.55 3747680.25 0.00190 406825.55
3747689.44 0.00209
406825.54 3747698.62 0.00228 406825.54
3747707.81 0.00244
406825.54 3747717.00 0.00257 406825.53
3747726.18 0.00266
406825.53 3747735.37 0.00270 406825.53
3747744.55 0.00268
406825.52 3747753.74 0.00262 406825.52
3747762.92 0.00251
406825.52 3747772.11 0.00236 406825.51
3747781.30 0.00220
406825.51 3747790.48 0.00202 406823.77
3747672.47 0.00169
406827.00 3747664.70 0.00162 406830.22
3747656.92 0.00153
406833.44 3747649.15 0.00143 406844.44
3747638.15 0.00139
406852.22 3747634.93 0.00143 406860.00
3747631.71 0.00147
406867.77 3747628.49 0.00149 406820.55
3747680.25 0.00175
406820.55 3747689.44 0.00192 406820.54
3747698.62 0.00208
406820.54 3747707.81 0.00222 406820.54
3747716.99 0.00233
406820.53 3747726.18 0.00240 406820.53
3747735.37 0.00243
406820.53 3747744.55 0.00242 406820.52
3747753.74 0.00237
406820.52 3747762.92 0.00227 406820.52
3747772.11 0.00215
406820.51 3747781.29 0.00201 406820.51
3747790.48 0.00186
406819.07 3747671.77 0.00157 406822.58
3747663.28 0.00149
406826.10 3747654.80 0.00141 406829.62
3747646.32 0.00131
406841.62 3747634.32 0.00127 406850.10
3747630.81 0.00131
406858.58 3747627.30 0.00135 406867.07
3747623.78 0.00137
406815.55 3747680.25 0.00162 406815.55
3747689.43 0.00177
406815.54 3747698.62 0.00190 406815.54
3747707.81 0.00202
406815.54 3747716.99 0.00212 406815.53
3747726.18 0.00218
406815.53 3747735.36 0.00221 406815.53
3747744.55 0.00219
406815.52 3747753.73 0.00215 406815.52
3747762.92 0.00207
406815.52 3747772.11 0.00196 406815.51
3747781.29 0.00184
406815.51 3747790.48 0.00171 406813.72
3747672.59 0.00146
406816.90 3747664.93 0.00141 406820.07
3747657.27 0.00134
406823.25 3747649.62 0.00127 406826.42
3747641.96 0.00119

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406852.57	3747624.78	0.00122	406860.23	3747621.61	0.00125
406867.89	3747618.44	0.00126	406810.55	3747680.25	0.00150
406810.55	3747689.43	0.00163	406810.54	3747698.62	0.00175
406810.54	3747707.80	0.00185	406810.54	3747716.99	0.00193
406810.53	3747726.18	0.00198	406810.53	3747735.36	0.00201
406810.53	3747744.55	0.00200	406810.52	3747753.73	0.00196
406810.52	3747762.92	0.00189	406810.52	3747772.10	0.00180
406810.51	3747781.29	0.00170	406810.51	3747790.48	0.00158
406808.97	3747672.00	0.00136	406812.39	3747663.75	0.00131
406815.81	3747655.50	0.00124	406819.22	3747647.26	0.00118
406822.64	3747639.01	0.00110	406834.31	3747627.35	0.00107
406842.56	3747623.93	0.00110	406850.81	3747620.52	0.00113
406859.05	3747617.10	0.00115	406867.30	3747613.69	0.00116
406805.55	3747680.24	0.00140	406805.55	3747689.43	0.00151
406805.54	3747698.62	0.00161	406805.54	3747707.80	0.00170
406805.54	3747716.99	0.00177	406805.53	3747726.17	0.00181
406805.53	3747735.36	0.00183	406805.53	3747744.55	0.00182
406805.52	3747753.73	0.00179	406805.52	3747762.92	0.00173
406805.52	3747772.10	0.00166	406805.51	3747781.29	0.00156
406805.51	3747790.47	0.00147	406803.69	3747672.67	0.00127
406806.83	3747665.10	0.00123	406809.97	3747657.52	0.00118
406813.11	3747649.95	0.00113	406816.25		

3747642.37	0.00107			
406819.39	3747634.80	0.00101	406830.10	
3747624.09	0.00098			
406837.68	3747620.95	0.00101	406845.25	
3747617.82	0.00103			
406852.83	3747614.68	0.00105	406860.40	
3747611.54	0.00106			
406867.98	3747608.41	0.00107	406800.55	
3747680.24	0.00130			
406800.55	3747689.43	0.00140	406800.54	
3747698.61	0.00149			
406800.54	3747707.80	0.00156	406800.54	
3747716.99	0.00162			
406800.53	3747726.17	0.00166	406800.53	
3747735.36	0.00168			
406800.53	3747744.54	0.00167	406800.52	
3747753.73	0.00164			
406800.52	3747762.92	0.00159	406800.52	
3747772.10	0.00153			
406800.51	3747781.29	0.00145	406800.51	
3747790.47	0.00136			
406798.90	3747672.16	0.00118	406802.25	
3747664.08	0.00115			
406805.60	3747656.01	0.00110	406808.95	
3747647.93	0.00105			
406812.29	3747639.85	0.00099	406815.64	
3747631.77	0.00094			
406827.07	3747620.35	0.00091	406835.15	
3747617.00	0.00093			
406851.31	3747610.31	0.00097	406859.39	
3747606.96	0.00099			
406867.47	3747603.62	0.00099	406795.55	
3747680.24	0.00121			
406795.55	3747689.43	0.00130	406795.54	
3747698.61	0.00138			
406795.54	3747707.80	0.00144	406795.54	
3747716.98	0.00150			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406795.53	3747726.17	0.00153	406795.53	3747735.36	0.00154
406795.53	3747744.54	0.00154	406795.52	3747753.73	0.00151
406795.52	3747762.91	0.00147	406795.52	3747772.10	0.00141
406795.51	3747781.29	0.00134	406795.51	3747790.47	0.00127

406793.66 3747672.73 0.00111 406796.78
3747665.22 0.00108
406799.89 3747657.71 0.00105 406803.00
3747650.20 0.00100
406806.12 3747642.69 0.00096 406809.23
3747635.18 0.00091
406812.34 3747627.67 0.00086 406822.97
3747617.04 0.00084
406830.48 3747613.93 0.00086 406837.99
3747610.82 0.00088
406845.50 3747607.71 0.00090 406853.02
3747604.60 0.00091
406860.53 3747601.49 0.00092 406868.04
3747598.38 0.00092
406790.55 3747680.24 0.00113 406790.55
3747689.42 0.00121
406790.54 3747698.61 0.00128 406790.54
3747707.80 0.00134
406790.54 3747716.98 0.00138 406790.53
3747726.17 0.00141
406790.53 3747735.35 0.00142 406790.53
3747744.54 0.00142
406790.52 3747753.73 0.00140 406790.52
3747762.91 0.00136
406790.52 3747772.10 0.00131 406790.51
3747781.28 0.00125
406790.51 3747790.47 0.00118 406788.85
3747672.29 0.00104
406792.14 3747664.33 0.00101 406795.44
3747656.38 0.00098
406798.74 3747648.43 0.00094 406802.03
3747640.48 0.00090
406805.33 3747632.52 0.00085 406808.63
3747624.57 0.00080
406819.88 3747613.33 0.00078 406827.83
3747610.03 0.00080
406835.78 3747606.74 0.00082 406843.74
3747603.44 0.00083
406859.64 3747596.86 0.00085 406867.60
3747593.56 0.00085
406785.55 3747680.24 0.00106 406785.55
3747689.42 0.00113
406785.54 3747698.61 0.00119 406785.54
3747707.79 0.00124
406785.54 3747716.98 0.00128 406785.53
3747726.17 0.00131
406785.53 3747735.35 0.00132 406785.53
3747744.54 0.00131
406785.52 3747753.72 0.00129 406785.52
3747762.91 0.00126
406785.52 3747772.10 0.00122 406785.51
3747781.28 0.00116
406785.51 3747790.47 0.00110 406784.03
3747671.84 0.00098
406787.51 3747663.45 0.00095 406790.99
3747655.05 0.00092
406794.47 3747646.66 0.00088 406797.95
3747638.26 0.00084
406801.43 3747629.87 0.00079 406804.91
3747621.48 0.00075
406816.78 3747609.61 0.00073 406825.18
3747606.13 0.00075
406833.57 3747602.65 0.00076 406841.97
3747599.18 0.00078
406850.36 3747595.70 0.00079 406858.76
3747592.22 0.00079

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406780.53	3747726.16	0.00121	406780.53	3747735.35	0.00122
406780.53	3747744.54	0.00122	406780.52	3747753.72	0.00120
406780.52	3747762.91	0.00117	406780.52	3747772.09	0.00113
406780.51	3747781.28	0.00108	406780.51	3747790.47	0.00103
406778.81	3747672.38	0.00092	406782.06	3747664.53	0.00090
406785.32	3747656.67	0.00087	406788.57	3747648.82	0.00084
406791.83	3747640.96	0.00081	406795.08	3747633.11	0.00077
406798.34	3747625.25	0.00073	406801.60	3747617.40	0.00069
406812.71	3747606.29	0.00067	406820.56	3747603.04	0.00069
406828.42	3747599.79	0.00071	406836.27	3747596.53	0.00072
406844.13	3747593.28	0.00073	406851.98	3747590.03	0.00074
406859.84	3747586.78	0.00074	406867.69	3747583.52	0.00074
406775.55	3747680.23	0.00093	406775.55	3747689.42	0.00099
406775.54	3747698.61	0.00104	406775.54	3747707.79	0.00108
406775.54	3747716.98	0.00111	406775.53	3747726.16	0.00113
406775.53	3747735.35	0.00114	406775.53	3747744.53	0.00113
406775.52	3747753.72	0.00112	406775.52	3747762.91	0.00109
406775.52	3747772.09	0.00106	406775.51	3747781.28	0.00101
406775.51	3747790.46	0.00097	406875.51	3747795.50	0.00537
406884.70	3747795.50	0.00682	406893.88		

3747795.50	0.00866			
406903.07	3747795.50	0.01075	406912.25	
3747795.50	0.01279			
406921.44	3747795.50	0.01444	406930.63	
3747795.50	0.01545			
406939.81	3747795.50	0.01574	406949.00	
3747795.50	0.01530			
406958.18	3747795.50	0.01429	406967.37	
3747795.50	0.01292			
406976.55	3747795.50	0.01140	406985.74	
3747795.50	0.00989			
406875.51	3747800.50	0.00490	406884.70	
3747800.50	0.00613			
406893.88	3747800.50	0.00766	406903.07	
3747800.50	0.00938			
406912.25	3747800.50	0.01105	406921.44	
3747800.50	0.01243			
406930.63	3747800.50	0.01333	406939.81	
3747800.50	0.01365			
406949.00	3747800.50	0.01341	406958.18	
3747800.50	0.01269			
406967.37	3747800.50	0.01163	406976.55	
3747800.50	0.01042			
406985.74	3747800.50	0.00916	406870.21	
3747803.30	0.00412			
406862.71	3747795.80	0.00393	406875.51	
3747805.50	0.00446			
406884.70	3747805.50	0.00552	406893.88	
3747805.50	0.00680			
406903.07	3747805.50	0.00822	406912.25	
3747805.50	0.00961			
406921.44	3747805.50	0.01078	406930.63	
3747805.50	0.01158			
406939.81	3747805.50	0.01193	406949.00	
3747805.50	0.01181			
406958.18	3747805.50	0.01130	406967.37	
3747805.50	0.01050			
406976.55	3747805.50	0.00953	406985.74	
3747805.50	0.00849			
406868.44	3747807.57	0.00368	406858.44	
3747797.57	0.00348			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406875.51	3747810.50	0.00407	406884.70	3747810.50	0.00498
406893.88	3747810.50	0.00606	406903.07	3747810.50	0.00725

406912.25 3747810.50 0.00842 406921.44
3747810.50 0.00942
406930.63 3747810.50 0.01013 406939.81
3747810.50 0.01048
406949.00 3747810.50 0.01046 406958.18
3747810.50 0.01011
406967.37 3747810.50 0.00950 406976.55
3747810.50 0.00872
406985.74 3747810.50 0.00787 406869.62
3747813.06 0.00344
406863.72 3747810.62 0.00318 406855.39
3747802.28 0.00305
406852.95 3747796.39 0.00316 406875.51
3747815.50 0.00372
406884.70 3747815.50 0.00450 406893.88
3747815.50 0.00542
406903.07 3747815.50 0.00642 406912.25
3747815.50 0.00742
406921.44 3747815.50 0.00828 406930.63
3747815.50 0.00892
406939.81 3747815.50 0.00927 406949.00
3747815.50 0.00932
406958.18 3747815.50 0.00908 406967.37
3747815.50 0.00862
406976.55 3747815.50 0.00800 406985.74
3747815.50 0.00729
406868.44 3747817.57 0.00312 406861.37
3747814.64 0.00285
406851.37 3747804.64 0.00273 406848.44
3747797.56 0.00284
406875.51 3747820.50 0.00341 406884.70
3747820.50 0.00408
406893.88 3747820.50 0.00487 406903.07
3747820.50 0.00572
406912.25 3747820.50 0.00657 406921.44
3747820.50 0.00733
406930.63 3747820.50 0.00790 406939.81
3747820.50 0.00824
406949.00 3747820.50 0.00833 406958.18
3747820.50 0.00818
406967.37 3747820.50 0.00784 406976.55
3747820.50 0.00734
406985.74 3747820.50 0.00676 406867.26
3747822.08 0.00284
406859.01 3747818.66 0.00257 406847.34
3747806.99 0.00246
406843.93 3747798.74 0.00257 406875.51
3747825.50 0.00313
406884.70 3747825.50 0.00371 406893.88
3747825.50 0.00439
406903.07 3747825.50 0.00513 406912.25
3747825.50 0.00586
406921.44 3747825.50 0.00652 406930.63
3747825.50 0.00704
406939.81 3747825.50 0.00736 406949.00
3747825.50 0.00748
406958.18 3747825.50 0.00740 406967.37
3747825.50 0.00714
406976.55 3747825.50 0.00675 406985.74
3747825.50 0.00627
406868.44 3747827.57 0.00266 406861.37
3747824.64 0.00246
406854.29 3747821.71 0.00227 406844.29
3747811.71 0.00219
406841.37 3747804.63 0.00228 406838.44
3747797.56 0.00236

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406967.37	3747830.50	0.00653	406976.55	3747830.50	0.00622
406985.74	3747830.50	0.00583	406867.55	3747832.20	0.00244
406859.60	3747828.91	0.00224	406851.64	3747825.61	0.00206
406840.39	3747814.36	0.00199	406837.10	3747806.40	0.00208
406833.80	3747798.44	0.00215	406875.51	3747835.50	0.00266
406884.70	3747835.50	0.00311	406893.88	3747835.50	0.00362
406903.07	3747835.50	0.00418	406912.25	3747835.50	0.00473
406921.44	3747835.50	0.00525	406930.63	3747835.50	0.00567
406939.81	3747835.50	0.00596	406949.00	3747835.50	0.00611
406958.18	3747835.50	0.00611	406967.37	3747835.50	0.00598
406976.55	3747835.50	0.00574	406985.74	3747835.50	0.00542
406868.44	3747837.57	0.00229	406861.37	3747834.64	0.00213
406854.29	3747831.71	0.00198	406847.22	3747828.78	0.00185
406837.22	3747818.78	0.00180	406834.29	3747811.70	0.00187
406831.37	3747804.63	0.00193	406828.44	3747797.56	0.00198
406875.51	3747840.50	0.00246	406884.70	3747840.50	0.00285
406893.88	3747840.50	0.00331	406903.07	3747840.50	0.00379
406912.25	3747840.50	0.00428	406921.44		

3747840.50	0.00474		
406930.63	3747840.50	0.00512	406939.81
3747840.50	0.00540		
406949.00	3747840.50	0.00555	406958.18
3747840.50	0.00558		
406967.37	3747840.50	0.00549	406976.55
3747840.50	0.00531		
406985.74	3747840.50	0.00504	406867.73
3747842.28	0.00211		
406852.17	3747835.83	0.00182	406844.39
3747832.61	0.00169		
406833.39	3747821.60	0.00164	406830.17
3747813.82	0.00171		
406826.95	3747806.04	0.00177	406823.73
3747798.26	0.00182		
406875.51	3747845.50	0.00228	406884.70
3747845.50	0.00263		
406893.88	3747845.50	0.00303	406903.07
3747845.50	0.00346		
406912.25	3747845.50	0.00389	406921.44
3747845.50	0.00430		
406930.63	3747845.50	0.00464	406939.81
3747845.50	0.00490		
406949.00	3747845.50	0.00506	406958.18
3747845.50	0.00511		
406967.37	3747845.50	0.00506	406976.55
3747845.50	0.00491		
406985.74	3747845.50	0.00470	406868.44
3747847.57	0.00198		
406861.37	3747844.64	0.00186	406854.29
3747841.71	0.00174		
406847.22	3747838.78	0.00163	406840.15
3747835.85	0.00153		
406830.15	3747825.85	0.00149	406827.22
3747818.77	0.00155		
406824.29	3747811.70	0.00160	406821.37
3747804.63	0.00165		
406818.44	3747797.55	0.00169	406875.51
3747850.50	0.00212		
406884.70	3747850.50	0.00243	406893.88
3747850.50	0.00279		
406903.07	3747850.50	0.00317	406912.25
3747850.50	0.00355		
406921.44	3747850.50	0.00391	406930.63
3747850.50	0.00423		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

406939.81 3747850.50 0.00447 406949.00
3747850.50 0.00463
406958.18 3747850.50 0.00469 406967.37
3747850.50 0.00466
406976.55 3747850.50 0.00456 406985.74
3747850.50 0.00439
406867.85 3747852.33 0.00184 406860.19
3747849.15 0.00172
406852.52 3747845.98 0.00160 406844.86
3747842.80 0.00150
406837.20 3747839.63 0.00141 406826.37
3747828.79 0.00137
406823.20 3747821.13 0.00143 406820.02
3747813.47 0.00148
406816.85 3747805.80 0.00152 406813.68
3747798.14 0.00156
406875.51 3747855.50 0.00197 406884.70
3747855.50 0.00225
406893.88 3747855.50 0.00257 406903.07
3747855.50 0.00291
406912.25 3747855.50 0.00325 406921.44
3747855.50 0.00358
406930.63 3747855.50 0.00386 406939.81
3747855.50 0.00409
406949.00 3747855.50 0.00424 406958.18
3747855.50 0.00432
406967.37 3747855.50 0.00431 406976.55
3747855.50 0.00423
406985.74 3747855.50 0.00410 406867.26
3747857.08 0.00171
406859.01 3747853.66 0.00160 406850.76
3747850.24 0.00149
406842.51 3747846.83 0.00139 406834.25
3747843.41 0.00130
406822.59 3747831.74 0.00127 406819.17
3747823.48 0.00132
406815.76 3747815.23 0.00137 406812.34
3747806.98 0.00141
406808.93 3747798.73 0.00144 406875.51
3747860.50 0.00184
406884.70 3747860.50 0.00209 406893.88
3747860.50 0.00238
406903.07 3747860.50 0.00268 406912.25
3747860.50 0.00299
406921.44 3747860.50 0.00328 406930.63
3747860.50 0.00354
406939.81 3747860.50 0.00375 406949.00
3747860.50 0.00390
406958.18 3747860.50 0.00398 406967.37
3747860.50 0.00399
406976.55 3747860.50 0.00394 406985.74
3747860.50 0.00383
406867.93 3747862.36 0.00162 406860.35
3747859.22 0.00152
406852.78 3747856.08 0.00142 406845.20
3747852.94 0.00134
406837.62 3747849.80 0.00126 406830.04
3747846.66 0.00119
406819.33 3747835.94 0.00116 406816.19
3747828.37 0.00121
406813.06 3747820.79 0.00125 406809.92
3747813.21 0.00129
406806.78 3747805.63 0.00132 406803.65
3747798.05 0.00134
406875.51 3747865.50 0.00172 406884.70
3747865.50 0.00195

406893.88 3747865.50 0.00221 406903.07
3747865.50 0.00248
406912.25 3747865.50 0.00275 406921.44
3747865.50 0.00302
406930.63 3747865.50 0.00326 406939.81
3747865.50 0.00345
406949.00 3747865.50 0.00360 406958.18
3747865.50 0.00368
406967.37 3747865.50 0.00370 406976.55
3747865.50 0.00367
406985.74 3747865.50 0.00358 406867.43
3747867.15 0.00151
406859.34 3747863.80 0.00141 406851.26
3747860.45 0.00133

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406835.10	3747853.76	0.00117	406827.01	3747850.41	0.00110
406815.59	3747838.97	0.00108	406812.24	3747830.89	0.00112
406808.89	3747822.81	0.00116	406805.55	3747814.72	0.00120
406802.20	3747806.64	0.00123	406798.86	3747798.55	0.00125
406875.51	3747870.50	0.00161	406884.70	3747870.50	0.00182
406893.88	3747870.50	0.00205	406903.07	3747870.50	0.00230
406912.25	3747870.50	0.00254	406921.44	3747870.50	0.00279
406930.63	3747870.50	0.00300	406939.81	3747870.50	0.00319
406949.00	3747870.50	0.00332	406958.18	3747870.50	0.00341
406967.37	3747870.50	0.00344	406976.55	3747870.50	0.00342
406985.74	3747870.50	0.00336	406868.00	3747872.39	0.00143
406860.48	3747869.27	0.00135	406852.97	3747866.16	0.00127
406845.45	3747863.05	0.00120	406837.94	3747859.93	0.00113
406830.42	3747856.82	0.00107	406822.91	3747853.71	0.00101
406812.28	3747843.08	0.00100	406809.17	3747835.56	0.00103
406806.06	3747828.05	0.00107	406802.95		

3747820.53	0.00110		
406799.84	3747813.02	0.00113	406796.73
3747805.50	0.00115		
406793.62	3747797.98	0.00117	406875.51
3747875.50	0.00151		
406884.70	3747875.50	0.00170	406893.88
3747875.50	0.00191		
406903.07	3747875.50	0.00213	406912.25
3747875.50	0.00236		
406921.44	3747875.50	0.00258	406930.63
3747875.50	0.00278		
406939.81	3747875.50	0.00295	406949.00
3747875.50	0.00308		
406958.18	3747875.50	0.00316	406967.37
3747875.50	0.00320		
406976.55	3747875.50	0.00320	406985.74
3747875.50	0.00315		
406867.55	3747877.20	0.00134	406859.60
3747873.91	0.00126		
406843.68	3747867.31	0.00112	406835.73
3747864.02	0.00106		
406827.77	3747860.72	0.00100	406819.82
3747857.42	0.00094		
406808.57	3747846.17	0.00093	406805.27
3747838.21	0.00096		
406801.98	3747830.26	0.00100	406798.68
3747822.30	0.00103		
406795.39	3747814.34	0.00105	406792.10
3747806.38	0.00108		
406788.80	3747798.42	0.00109	406875.51
3747880.50	0.00142		
406884.70	3747880.50	0.00159	406893.88
3747880.50	0.00178		
406903.07	3747880.50	0.00199	406912.25
3747880.50	0.00219		
406921.44	3747880.50	0.00239	406930.63
3747880.50	0.00257		
406939.81	3747880.50	0.00273	406949.00
3747880.50	0.00286		
406958.18	3747880.50	0.00294	406967.37
3747880.50	0.00299		
406976.55	3747880.50	0.00299	406985.74
3747880.50	0.00296		
406867.11	3747882.02	0.00126	406858.71
3747878.54	0.00118		
406850.31	3747875.06	0.00111	406841.92
3747871.58	0.00105		
406833.52	3747868.10	0.00099	406825.12
3747864.62	0.00093		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406816.72	3747861.14	0.00088	406804.85	3747849.26	0.00087
406801.37	3747840.86	0.00090	406797.89	3747832.46	0.00093
406794.42	3747824.06	0.00096	406790.94	3747815.66	0.00099
406787.46	3747807.26	0.00101	406783.99	3747798.87	0.00102
406875.51	3747885.50	0.00134	406884.70	3747885.50	0.00150
406893.88	3747885.50	0.00167	406903.07	3747885.50	0.00185
406912.25	3747885.50	0.00204	406921.44	3747885.50	0.00222
406930.63	3747885.50	0.00239	406939.81	3747885.50	0.00254
406949.00	3747885.50	0.00266	406958.18	3747885.50	0.00274
406967.37	3747885.50	0.00279	406976.55	3747885.50	0.00280
406985.74	3747885.50	0.00278	406867.65	3747887.24	0.00119
406859.79	3747883.99	0.00113	406851.94	3747880.73	0.00107
406844.08	3747877.48	0.00101	406836.22	3747874.22	0.00096
406828.36	3747870.97	0.00091	406820.50	3747867.71	0.00086
406812.64	3747864.45	0.00082	406801.53	3747853.34	0.00081
406798.28	3747845.48	0.00083	406795.03	3747837.62	0.00086
406791.77	3747829.76	0.00089	406788.52	3747821.90	0.00091
406785.27	3747814.04	0.00093	406782.02	3747806.18	0.00095
406778.76	3747798.32	0.00096	406875.51	3747890.50	0.00126
406884.70	3747890.50	0.00141	406893.88	3747890.50	0.00156
406903.07	3747890.50	0.00173	406912.25	3747890.50	0.00190
406921.44	3747890.50	0.00207	406930.63	3747890.50	0.00223
406939.81	3747890.50	0.00236	406949.00	3747890.50	0.00248
406958.18	3747890.50	0.00256	406967.37	3747890.50	0.00261
406976.55	3747890.50	0.00263	406985.74	3747890.50	0.00262
406875.51	3747790.50	0.00588	406985.74	3747790.50	0.01066
406985.76	3747680.27	0.00516	406875.55	3747680.27	0.00478

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406990.74	3747790.50	0.20021	(13112016)	406990.74	3747781.32	0.20844	(13112016)
406990.74	3747772.13	0.22517	(12121416)	406990.74	3747762.94	0.25223	(12121416)
406990.75	3747753.76	0.26614	(12121416)	406990.75	3747744.57	0.26274	(12121416)
406990.75	3747735.39	0.24090	(12121416)	406990.75	3747726.20	0.25117	(15122816)
406990.75	3747717.01	0.26296	(15122816)	406990.75	3747707.83	0.25842	(15122816)
406990.76	3747698.64	0.24037	(15122816)	406990.76	3747689.46	0.21332	(15122816)
406990.76	3747680.27	0.18176	(15122816)	406995.74	3747790.50	0.18169	(13112016)
406995.74	3747781.32	0.18542	(13112016)	406995.74	3747772.13	0.21173	(12121416)
406995.74	3747762.94	0.23311	(12121416)	406995.75	3747753.76	0.24221	(12121416)
406995.75	3747744.57	0.23603	(12121416)	406995.75	3747735.39	0.21421	(12121416)
406995.75	3747726.20	0.22241	(15122816)	406995.75	3747717.02	0.23641	(15122816)
406995.75	3747707.83	0.23629	(15122816)	406995.76	3747698.64	0.22378	(15122816)
406995.76	3747689.46	0.20235	(15122816)	406995.76	3747680.27	0.17575	(15122816)
406998.54	3747795.81	0.16866	(13112016)	406991.04	3747803.30	0.18341	(12113016)
407000.74	3747790.50	0.16376	(13112016)	407000.74	3747781.32	0.17455	(12121416)
407000.74	3747772.13	0.19882	(12121416)	407000.74	3747762.95	0.21541	(12121416)
407000.75	3747753.76	0.22069	(12121416)	407000.75	3747744.57	0.21251	(12121416)
407000.75	3747735.39	0.19175	(12122416)	407000.75	3747726.20	0.19729	(15122816)
407000.75	3747717.02	0.21267	(15122816)	407000.75	3747707.83	0.21591	(15122816)
407000.76	3747698.64	0.20793	(15122816)	407000.76	3747689.46	0.19133	(15122816)
407000.76	3747680.27	0.16917	(15122816)	407002.81	3747797.57	0.15462	(13112016)
406992.81	3747807.57	0.17351	(12113016)	407005.74	3747790.50	0.14670	(13112016)
407005.74	3747781.32	0.16643	(12121416)	407005.74	3747772.13	0.18652	(12121416)
407005.74	3747762.95	0.19912	(12121416)	407005.75	3747753.76	0.20136	(12121416)
407005.75	3747744.57	0.19180	(12121416)	407005.75	3747735.39	0.17400	(12122416)
407005.75	3747726.20	0.17537	(15122816)	407005.75	3747717.02	0.19150	(15122816)
407005.75	3747707.83	0.19723	(15122816)	407005.76			

3747698.65 0.19292 (15122816)
407005.76 3747689.46 0.18041 (15122816) 407005.76
3747680.27 0.16220 (15122816)
407008.30 3747796.40 0.13876 (13112016) 407005.86
3747802.29 0.14412 (13112016)
406997.52 3747810.62 0.15734 (13112016) 406991.63
3747813.06 0.17149 (12113016)
407010.74 3747790.50 0.13755 (12121416) 407010.74
3747781.32 0.15839 (12121416)
407010.74 3747772.13 0.17487 (12121416) 407010.74
3747762.95 0.18415 (12121416)
407010.75 3747753.76 0.18401 (12121416) 407010.75
3747744.58 0.17357 (12121416)
407010.75 3747735.39 0.15858 (12122416) 407010.75
3747726.20 0.15885 (12122416)
407010.75 3747717.02 0.17263 (15122816) 407010.75
3747707.83 0.18018 (15122816)
407010.76 3747698.65 0.17878 (15122816) 407010.76
3747689.46 0.16973 (15122816)
407010.76 3747680.27 0.15501 (15122816) 407012.81
3747797.58 0.12617 (13112016)
407009.88 3747804.65 0.13313 (13112016) 406999.88
3747814.64 0.14815 (13112016)
406992.81 3747817.57 0.16346 (12113016) 407015.74
3747790.51 0.13267 (12121416)
407015.74 3747781.32 0.15053 (12121416) 407015.74
3747772.13 0.16388 (12121416)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407015.74	3747762.95	0.17042	(12121416)	407015.75	3747753.76	0.16844	(12121416)
407015.75	3747744.58	0.15746	(12121416)	407015.75	3747735.39	0.14513	(12122416)
407015.75	3747726.20	0.14569	(12122416)	407015.75	3747717.02	0.15583	(15122816)
407015.75	3747707.83	0.16464	(15122816)	407015.76	3747698.65	0.16554	(15122816)
407015.76	3747689.46	0.15939	(15122816)	407015.76	3747680.28	0.14772	(15122816)
407017.32	3747798.75	0.11464	(13112016)	407013.90	3747807.00	0.12316	(13112016)
407002.24	3747818.67	0.13973	(13112016)	406993.99	3747822.08	0.15586	(12113016)
407020.74	3747790.51	0.12770	(12121416)	407020.74	3747781.32	0.14288	(12121416)
407020.74	3747772.13	0.15356	(12121416)	407020.74	3747762.95	0.15784	(12121416)

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      407020.75   3747753.76        0.15445  (12121416)                407020.75
      3747744.58        0.14321  (12121416)
      407020.75   3747735.39        0.13332  (12122416)                407020.75
      3747726.21        0.13409  (12122416)
      407020.75   3747717.02        0.14087  (15122816)                407020.75
      3747707.83        0.15051  (15122816)
      407020.76   3747698.65        0.15320  (15122816)                407020.76
      3747689.46        0.14946  (15122816)
      407020.76   3747680.28        0.14042  (15122816)                407022.81
      3747797.58        0.11290  (12121416)
      407019.88   3747804.65        0.10968  (13112016)                407016.95
      3747811.72        0.11582  (13112016)
      407006.95   3747821.72        0.12925  (13112016)                406999.88
      3747824.64        0.14086  (12113016)
      406992.81   3747827.57        0.15193  (12113016)                407025.74
      3747790.51        0.12269  (12121416)
      407025.74   3747781.32        0.13550  (12121416)                407025.74
      3747772.14        0.14388  (12121416)
      407025.74   3747762.95        0.14633  (12121416)                407025.75
      3747753.76        0.14187  (12121416)
      407025.75   3747744.58        0.13059  (12121416)                407025.75
      3747735.39        0.12289  (12122416)
      407025.75   3747726.21        0.12382  (12122416)                407025.75
      3747717.02        0.12754  (15122816)
      407025.75   3747707.83        0.13767  (15122816)                407025.76
      3747698.65        0.14175  (15122816)
      407025.76   3747689.46        0.13998  (15122816)                407025.76
      3747680.28        0.13321  (15122816)
      407027.44   3747798.46        0.10829  (12121416)                407024.15
      3747806.42        0.10080  (13112016)
      407020.85   3747814.37        0.10782  (13112016)                407009.60
      3747825.62        0.12213  (13112016)
      407001.65   3747828.91        0.13410  (12113016)                406993.69
      3747832.21        0.14509  (14120316)
      407030.74   3747790.51        0.11767  (12121416)                407030.74
      3747781.32        0.12840  (12121416)
      407030.74   3747772.14        0.13484  (12121416)                407030.74
      3747762.95        0.13579  (12121416)
      407030.75   3747753.76        0.13055  (12121416)                407030.75
      3747744.58        0.11937  (12121416)
      407030.75   3747735.39        0.11362  (12122416)                407030.75
      3747726.21        0.11466  (12122416)
      407030.75   3747717.02        0.11566  (15122816)                407030.75
      3747707.84        0.12603  (15122816)
      407030.76   3747698.65        0.13113  (15122816)                407030.76
      3747689.46        0.13098  (15122816)
      407030.76   3747680.28        0.12614  (15122816)                407032.81
      3747797.58        0.10598  (12121416)
      407029.88   3747804.65        0.09665  (12121416)                407026.95
      3747811.72        0.09623  (13112016)
      407024.02   3747818.79        0.10168  (13112016)                407014.02
      3747828.79        0.11370  (13112016)
      407006.95   3747831.72        0.12222  (12113016)                406999.88
      3747834.64        0.13267  (12113016)
      406992.81   3747837.57        0.14273  (14120316)                407035.74
      3747790.51        0.11271  (12121416)
      407035.74   3747781.32        0.12160  (12121416)                407035.74
      3747772.14        0.12640  (12121416)
      407035.74   3747762.95        0.12613  (12121416)                407035.75
      3747753.77        0.12035  (12121416)
      407035.75   3747744.58        0.10938  (12121416)                407035.75
      3747735.39        0.10536  (12122416)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:39:57
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407035.75	3747726.21	0.10647	(12122416)	407035.75	3747717.02	0.10506	(15122816)
407035.75	3747707.84	0.11547	(15122816)	407035.76	3747698.65	0.12133	(15122816)
407035.76	3747689.46	0.12248	(15122816)	407035.76	3747680.28	0.11928	(15122816)
407037.52	3747798.29	0.10167	(12121416)	407034.29	3747806.06	0.09254	(12121416)
407031.07	3747813.84	0.08917	(13112016)	407027.85	3747821.62	0.09513	(13112016)
407016.85	3747832.62	0.10767	(13112016)	407009.07	3747835.84	0.11635	(12113016)
406993.52	3747842.28	0.13676	(14120316)	407040.74	3747790.51	0.10784	(12121416)
407040.74	3747781.32	0.11513	(12121416)	407040.74	3747772.14	0.11853	(12121416)
407040.74	3747762.95	0.11729	(12121416)	407040.75	3747753.77	0.11113	(12121416)
407040.75	3747744.58	0.10044	(12121416)	407040.75	3747735.39	0.09796	(12122416)
407040.75	3747726.21	0.09912	(12122416)	407040.75	3747717.02	0.09704	(12122416)
407040.75	3747707.84	0.10590	(15122816)	407040.76	3747698.65	0.11229	(15122816)
407040.76	3747689.47	0.11447	(15122816)	407040.76	3747680.28	0.11266	(15122816)
407042.22	3747798.99	0.09756	(12121416)	407038.71	3747807.48	0.08865	(12121416)
407035.19	3747815.96	0.08272	(13112016)	407031.68	3747824.45	0.08915	(13112016)
407019.68	3747836.44	0.10213	(13112016)	407011.19	3747839.96	0.11090	(12113016)
407002.71	3747843.47	0.12110	(12113016)	406994.22	3747846.99	0.13113	(14120316)
407045.74	3747790.51	0.10308	(12121416)	407045.74	3747781.33	0.10896	(12121416)
407045.74	3747772.14	0.11120	(12121416)	407045.74	3747762.95	0.10918	(12121416)
407045.75	3747753.77	0.10278	(12121416)	407045.75	3747744.58	0.09245	(12121416)
407045.75	3747735.40	0.09130	(12122416)	407045.75	3747726.21	0.09249	(12122416)
407045.75	3747717.02	0.09078	(12122416)	407045.75	3747707.84	0.09723	(15122816)
407045.76	3747698.65	0.10395	(15122816)	407045.76	3747689.47	0.10696	(15122816)
407045.76	3747680.28	0.10630	(15122816)	407047.57	3747798.17	0.09470	(12121416)
407044.39	3747805.83	0.08822	(12121416)	407041.22			

3747813.49 0.07961 (12121416)
407038.05 3747821.15 0.07938 (13112016) 407034.87
3747828.81 0.08455 (13112016)
407024.04 3747839.64 0.09564 (13112016) 407016.38
3747842.81 0.10167 (12113016)
407008.72 3747845.98 0.11135 (12113016) 407001.06
3747849.16 0.11814 (12113016)
406993.40 3747852.33 0.12823 (14120316) 407050.74
3747790.51 0.09845 (12121416)
407050.74 3747781.33 0.10313 (12121416) 407050.74
3747772.14 0.10438 (12121416)
407050.74 3747762.95 0.10175 (12121416) 407050.75
3747753.77 0.09522 (12121416)
407050.75 3747744.58 0.08526 (12121416) 407050.75
3747735.40 0.08530 (12122416)
407050.75 3747726.21 0.08650 (12122416) 407050.75
3747717.03 0.08511 (12122416)
407050.75 3747707.84 0.08936 (15122816) 407050.76
3747698.65 0.09629 (15122816)
407050.76 3747689.47 0.09992 (15122816) 407050.76
3747680.28 0.10023 (15122816)
407052.32 3747798.76 0.09083 (12121416) 407048.90
3747807.01 0.08471 (12121416)
407045.49 3747815.26 0.07623 (12121416) 407042.07
3747823.51 0.07419 (12121716)
407038.65 3747831.75 0.07957 (13112016) 407026.98
3747843.42 0.09092 (13112016)
407018.74 3747846.83 0.09696 (12113016) 407010.49
3747850.25 0.10654 (12113016)
407002.24 3747853.67 0.11299 (12113016) 406993.99
3747857.08 0.12311 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407055.74	3747790.51	0.09398	(12121416)	407055.74	3747781.33	0.09760	(12121416)
407055.74	3747772.14	0.09803	(12121416)	407055.74	3747762.96	0.09493	(12121416)
407055.75	3747753.77	0.08836	(12121416)	407055.75	3747744.58	0.07941	(16010616)
407055.75	3747735.40	0.07987	(12122416)	407055.75	3747726.21	0.08107	(12122416)
407055.75	3747717.03	0.07994	(12122416)	407055.75	3747707.84	0.08223	(15122816)
407055.76	3747698.65	0.08924	(15122816)	407055.76	3747689.47	0.09334	(15122816)
407055.76	3747680.28	0.09444	(15122816)	407057.60	3747798.09	0.08770	(12121416)

407054.46 3747805.66 0.08332 (12121416) 407051.32
3747813.24 0.07689 (12121416)
407048.18 3747820.81 0.07102 (12121716) 407045.05
3747828.39 0.07109 (13112016)
407041.91 3747835.96 0.07563 (13112016) 407031.19
3747846.68 0.08553 (13112016)
407023.62 3747849.81 0.09097 (13112016) 407016.04
3747852.95 0.09835 (12113016)
407008.47 3747856.09 0.10512 (12113016) 407000.89
3747859.23 0.10941 (14120316)
406993.32 3747862.36 0.11981 (14120316) 407060.74
3747790.51 0.08967 (12121416)
407060.74 3747781.33 0.09239 (12121416) 407060.74
3747772.14 0.09212 (12121416)
407060.74 3747762.96 0.08867 (12121416) 407060.75
3747753.77 0.08211 (12121416)
407060.75 3747744.58 0.07456 (16010616) 407060.75
3747735.40 0.07494 (12122416)
407060.75 3747726.21 0.07613 (12122416) 407060.75
3747717.03 0.07522 (12122416)
407060.75 3747707.84 0.07575 (15122816) 407060.76
3747698.66 0.08274 (15122816)
407060.76 3747689.47 0.08721 (15122816) 407060.76
3747680.28 0.08895 (15122816)
407062.39 3747798.59 0.08409 (12121416) 407059.04
3747806.67 0.08007 (12121416)
407055.70 3747814.75 0.07386 (12121416) 407052.35
3747822.83 0.06767 (12121716)
407049.00 3747830.91 0.06715 (12121716) 407045.65
3747838.99 0.07143 (13112016)
407034.22 3747850.42 0.08148 (13112016) 407026.14
3747853.77 0.08686 (13112016)
407009.98 3747860.46 0.10077 (12113016) 407001.90
3747863.81 0.10501 (14120316)
406993.82 3747867.15 0.11512 (14120316) 407065.74
3747790.51 0.08553 (12121416)
407065.74 3747781.33 0.08746 (12121416) 407065.74
3747772.14 0.08663 (12121416)
407065.74 3747762.96 0.08291 (12121416) 407065.75
3747753.77 0.07643 (12121416)
407065.75 3747744.59 0.07013 (16010616) 407065.75
3747735.40 0.07045 (12122416)
407065.75 3747726.21 0.07162 (12122416) 407065.75
3747717.03 0.07090 (12122416)
407065.75 3747707.84 0.06986 (15122816) 407065.76
3747698.66 0.07678 (15122816)
407065.76 3747689.47 0.08149 (15122816) 407065.76
3747680.28 0.08376 (15122816)
407067.63 3747798.03 0.08090 (12121416) 407064.51
3747805.54 0.07814 (12121416)
407061.40 3747813.05 0.07349 (12121416) 407058.29
3747820.56 0.06731 (12121416)
407055.18 3747828.07 0.06467 (12121716) 407052.06
3747835.59 0.06404 (13112016)
407048.95 3747843.10 0.06805 (13112016) 407038.33
3747853.72 0.07692 (13112016)
407030.81 3747856.83 0.08188 (13112016) 407023.30
3747859.94 0.08728 (12113016)
407015.79 3747863.05 0.09386 (12113016) 407008.28
3747866.17 0.09823 (12113016)
407000.76 3747869.28 0.10355 (14120316) 406993.25
3747872.39 0.11169 (14120316)
407070.74 3747790.52 0.08156 (12121416) 407070.74
3747781.33 0.08282 (12121416)
407070.74 3747772.14 0.08153 (12121416) 407070.74
3747762.96 0.07761 (12121416)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407070.75	3747753.77	0.07125	(12121416)	407070.75	3747744.59	0.06606	(16010616)
407070.75	3747735.40	0.06635	(12122416)	407070.75	3747726.21	0.06750	(12122416)
407070.75	3747717.03	0.06694	(12122416)	407070.75	3747707.84	0.06501	(16011916)
407070.76	3747698.66	0.07130	(15122816)	407070.76	3747689.47	0.07617	(15122816)
407070.76	3747680.29	0.07884	(15122816)	407072.44	3747798.47	0.07755	(12121416)
407069.15	3747806.42	0.07513	(12121416)	407065.85	3747814.38	0.07072	(12121416)
407062.56	3747822.33	0.06469	(12121416)	407059.26	3747830.28	0.06182	(12121716)
407055.97	3747838.24	0.06107	(12121716)	407052.67	3747846.19	0.06447	(13112016)
407041.42	3747857.44	0.07342	(13112016)	407033.47	3747860.73	0.07832	(13112016)
407025.51	3747864.03	0.08370	(12113016)	407017.56	3747867.32	0.09012	(12113016)
407001.65	3747873.91	0.09955	(14120316)	406993.69	3747877.21	0.10738	(14120316)
407075.74	3747790.52	0.07777	(12121416)	407075.74	3747781.33	0.07845	(12121416)
407075.74	3747772.14	0.07678	(12121416)	407075.74	3747762.96	0.07273	(12121416)
407075.75	3747753.77	0.06651	(12121416)	407075.75	3747744.59	0.06233	(16010616)
407075.75	3747735.40	0.06259	(12122416)	407075.75	3747726.22	0.06372	(12122416)
407075.75	3747717.03	0.06329	(12122416)	407075.75	3747707.84	0.06148	(16011916)
407075.76	3747698.66	0.06626	(15122816)	407075.76	3747689.47	0.07122	(15122816)
407075.76	3747680.29	0.07421	(15122816)	407077.26	3747798.91	0.07434	(12121416)
407073.78	3747807.31	0.07226	(12121416)	407070.30	3747815.70	0.06810	(12121416)
407066.82	3747824.10	0.06222	(12121416)	407063.35	3747832.49	0.05914	(12121716)
407059.87	3747840.89	0.05853	(12121716)	407056.39	3747849.29	0.06115	(13112016)
407044.51	3747861.16	0.07016	(13112016)	407036.12	3747864.64	0.07499	(13112016)
407027.72	3747868.11	0.08033	(12113016)	407019.32			

3747871.59 0.08660 (12113016)
407010.93 3747875.07 0.09043 (12113016) 407002.53
3747878.55 0.09578 (14120316)
406994.14 3747882.02 0.10327 (14120316) 407080.74
3747790.52 0.07415 (12121416)
407080.74 3747781.33 0.07434 (12121416) 407080.74
3747772.15 0.07236 (12121416)
407080.74 3747762.96 0.06823 (12121416) 407080.75
3747753.77 0.06233 (16010616)
407080.75 3747744.59 0.05889 (16010616) 407080.75
3747735.40 0.05915 (12122416)
407080.75 3747726.22 0.06025 (12122416) 407080.75
3747717.03 0.05993 (12122416)
407080.75 3747707.84 0.05824 (12122416) 407080.76
3747698.66 0.06163 (15122816)
407080.76 3747689.47 0.06661 (15122816) 407080.76
3747680.29 0.06985 (15122816)
407082.48 3747798.37 0.07134 (12121416) 407079.23
3747806.23 0.07012 (12121416)
407075.97 3747814.08 0.06715 (12121416) 407072.72
3747821.94 0.06262 (12121416)
407069.46 3747829.80 0.05690 (12121416) 407066.21
3747837.65 0.05667 (12121716)
407062.95 3747845.51 0.05579 (12121716) 407059.70
3747853.36 0.05847 (13112016)
407048.59 3747864.47 0.06650 (13112016) 407040.73
3747867.72 0.07096 (13112016)
407032.88 3747870.98 0.07467 (12113016) 407025.02
3747874.23 0.08085 (12113016)
407017.16 3747877.49 0.08520 (12113016) 407009.31
3747880.74 0.08737 (12113016)
407001.45 3747883.99 0.09400 (14120316) 406993.60
3747887.25 0.10000 (14120316)
407085.74 3747790.52 0.07070 (12121416) 407085.74
3747781.33 0.07047 (12121416)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407085.74	3747772.15	0.06825	(12121416)	407085.74	3747762.96	0.06408	(12121416)
407085.75	3747753.77	0.05909	(16010616)	407085.75	3747744.59	0.05571	(16010616)
407085.75	3747735.40	0.05598	(12122416)	407085.75	3747726.22	0.05705	(12122416)
407085.75	3747717.03	0.05683	(12122416)	407085.75	3747707.85	0.05535	(12122416)
407085.76	3747698.66	0.05736	(15122816)	407085.76	3747689.47	0.06233	(15122816)

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407085.76   3747680.29        0.06575  (15122816)                406985.76
3747675.27        0.16702  (15122816)
406976.58   3747675.27        0.16938  (15122816)                406967.39
3747675.27        0.18026  (13121016)
406958.21   3747675.27        0.19660  (12122016)                406949.02
3747675.27        0.21015  (12122016)
406939.84   3747675.27        0.21557  (12122016)                406930.66
3747675.27        0.21074  (12122016)
406921.47   3747675.27        0.19484  (12122016)                406912.29
3747675.27        0.18552  (16120216)
406903.10   3747675.27        0.18451  (13112916)                406893.92
3747675.27        0.19067  (13112916)
406884.73   3747675.27        0.19042  (13112916)                406875.55
3747675.27        0.18512  (13112916)
406985.76   3747670.27        0.14778  (15122816)                406976.58
3747670.27        0.15602  (13121016)
406967.39   3747670.27        0.16371  (13121016)                406958.21
3747670.27        0.17878  (12122016)
406949.02   3747670.27        0.18886  (12122016)                406939.84
3747670.27        0.19182  (12122016)
406930.66   3747670.27        0.18618  (12122016)                406921.47
3747670.27        0.17552  (16120216)
406912.29   3747670.27        0.16920  (16120216)                406903.10
3747670.27        0.15551  (16120216)
406893.92   3747670.27        0.16355  (13112916)                406884.73
3747670.27        0.16709  (13112916)
406875.55   3747670.27        0.16581  (13112916)                406991.06
3747667.47        0.13742  (15122816)
406998.56   3747674.97        0.15708  (15122816)                406985.76
3747665.27        0.13515  (13121016)
406976.58   3747665.27        0.14379  (13121016)                406967.39
3747665.27        0.15093  (12122016)
406958.21   3747665.27        0.16298  (12122016)                406949.02
3747665.27        0.17036  (12122016)
406939.84   3747665.27        0.17152  (12122016)                406930.66
3747665.27        0.16540  (12122016)
406921.47   3747665.27        0.15945  (16120216)                406912.29
3747665.27        0.15479  (16120216)
406903.10   3747665.27        0.14364  (16120216)                406893.92
3747665.27        0.13935  (13112916)
406884.73   3747665.27        0.14558  (13112916)                406875.55
3747665.27        0.14742  (13112916)
406992.83   3747663.20        0.12387  (15122816)                407002.83
3747673.20        0.14857  (15122816)
406985.76   3747660.27        0.12616  (13121016)                406976.58
3747660.27        0.13213  (13121016)
406967.39   3747660.27        0.13938  (12122016)                406958.21
3747660.27        0.14894  (12122016)
406949.02   3747660.27        0.15422  (12122016)                406939.84
3747660.27        0.15405  (12122016)
406930.66   3747660.27        0.14769  (12122016)                406921.47
3747660.27        0.14538  (16120216)
406912.29   3747660.27        0.14202  (16120216)                406903.10
3747660.27        0.13295  (16120216)
406893.92   3747660.27        0.11964  (16120216)                406884.73
3747660.27        0.12605  (13112916)
406875.55   3747660.27        0.13021  (13112916)                406991.65
3747657.71        0.11698  (13121016)
406997.55   3747660.15        0.11536  (15122816)                407005.88
3747668.49        0.13465  (15122816)
407008.32   3747674.38        0.14618  (15122816)                406985.76
3747655.27        0.11738  (13121016)
406976.58   3747655.27        0.12111  (13121016)                406967.39
3747655.27        0.12888  (12122016)
406958.21   3747655.27        0.13640  (12122016)                406949.02
3747655.27        0.14005  (12122016)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406903.10	3747655.27	0.12330	(16120216)	406893.92	3747655.27	0.11205	(16120216)
406884.73	3747655.27	0.10855	(13112916)	406875.55	3747655.27	0.11432	(13112916)
406992.83	3747653.20	0.10956	(13121016)	406999.90	3747656.13	0.10727	(13121016)
407009.90	3747666.13	0.12688	(15122816)	407012.83	3747673.20	0.13915	(15122816)
406985.76	3747650.27	0.10889	(13121016)	406976.58	3747650.27	0.11082	(12122016)
406967.39	3747650.27	0.11933	(12122016)	406958.21	3747650.27	0.12520	(12122016)
406949.02	3747650.27	0.12756	(12122016)	406939.84	3747650.27	0.12573	(12122016)
406930.66	3747650.27	0.11938	(12122016)	406921.47	3747650.27	0.12214	(16120216)
406912.29	3747650.27	0.12060	(16120216)	406903.10	3747650.27	0.11460	(16120216)
406893.92	3747650.27	0.10507	(16120216)	406884.73	3747650.27	0.09317	(16120216)
406875.55	3747650.27	0.09984	(13112916)	406994.01	3747648.69	0.10263	(13121016)
407002.26	3747652.11	0.10080	(13121016)	407013.93	3747663.77	0.11977	(15122816)
407017.34	3747672.03	0.13251	(15122816)	406985.76	3747645.27	0.10078	(13121016)
406976.58	3747645.27	0.10365	(12122016)	406967.39	3747645.27	0.11064	(12122016)
406958.21	3747645.27	0.11516	(12122016)	406949.02	3747645.27	0.11651	(12122016)
406939.84	3747645.27	0.11419	(12122016)	406930.66	3747645.27	0.10909	(16120216)
406921.47	3747645.27	0.11249	(16120216)	406912.29	3747645.27	0.11158	(16120216)
406903.10	3747645.27	0.10672	(16120216)	406893.92	3747645.27	0.09864	(16120216)
406884.73	3747645.27	0.08831	(16120216)	406875.55	3747645.27	0.08680	(13112916)
406992.83	3747643.20	0.09581	(13121016)	406999.90	3747646.13	0.09605	(13121016)
407006.98	3747649.06	0.09392	(13121016)	407016.98			

3747659.06	0.10935	(15122816)			
407019.90	3747666.13	0.12035	(15122816)	407022.83	
3747673.21	0.12857	(15122816)			
406985.76	3747640.27	0.09308	(13121016)	406976.58	
3747640.27	0.09701	(12122016)			
406967.39	3747640.27	0.10272	(12122016)	406958.21	
3747640.27	0.10614	(12122016)			
406949.02	3747640.27	0.10671	(12122016)	406939.84	
3747640.27	0.10405	(12122016)			
406930.66	3747640.27	0.10056	(16120216)	406921.47	
3747640.27	0.10392	(16120216)			
406912.29	3747640.27	0.10350	(16120216)	406903.10	
3747640.27	0.09957	(16120216)			
406893.92	3747640.27	0.09273	(16120216)	406884.73	
3747640.27	0.08375	(16120216)			
406875.55	3747640.27	0.07630	(14121615)	406993.72	
3747638.57	0.08953	(13121016)			
407001.67	3747641.86	0.09041	(13121016)	407009.63	
3747645.16	0.08855	(13121016)			
407020.88	3747656.41	0.10325	(15122816)	407024.17	
3747664.37	0.11450	(15122816)			
407027.47	3747672.32	0.12243	(15122816)	406985.76	
3747635.27	0.08581	(13121016)			
406976.58	3747635.27	0.09087	(12122016)	406967.39	
3747635.27	0.09551	(12122016)			
406958.21	3747635.27	0.09803	(12122016)	406949.02	
3747635.27	0.09799	(12122016)			
406939.84	3747635.27	0.09510	(12122016)	406930.66	
3747635.27	0.09298	(16120216)			
406921.47	3747635.27	0.09627	(16120216)	406912.29	
3747635.27	0.09625	(16120216)			
406903.10	3747635.27	0.09309	(16120216)	406893.92	
3747635.27	0.08728	(16120216)			
406884.73	3747635.27	0.07947	(16120216)	406875.55	
3747635.27	0.07041	(16120216)			
406992.83	3747633.20	0.08298	(13121016)	406999.90	
3747636.13	0.08496	(13121016)			
407006.98	3747639.06	0.08491	(13121016)	407014.05	
3747641.99	0.08296	(13121016)			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407024.05	3747651.99	0.09505	(15122816)	407026.98			
3747659.06	0.10486	(15122816)					
407029.90	3747666.13	0.11259	(15122816)	407032.83			
3747673.21	0.11756	(15122816)					
406985.76	3747630.27	0.07994	(12122016)	406976.58			
3747630.27	0.08519	(12122016)					

406967.39 3747630.27 0.08893 (12122016) 406958.21
3747630.27 0.09071 (12122016)
406949.02 3747630.27 0.09020 (12122016) 406939.84
3747630.27 0.08717 (12122016)
406930.66 3747630.27 0.08622 (16120216) 406921.47
3747630.27 0.08943 (16120216)
406912.29 3747630.27 0.08970 (16120216) 406903.10
3747630.27 0.08718 (16120216)
406893.92 3747630.27 0.08225 (16120216) 406884.73
3747630.27 0.07544 (16120216)
406875.55 3747630.27 0.06740 (16120216) 406993.54
3747628.49 0.07734 (13121016)
407001.32 3747631.72 0.07991 (13121016) 407009.10
3747634.94 0.08024 (13121016)
407016.88 3747638.16 0.07845 (13121016) 407027.88
3747649.16 0.08985 (15122816)
407031.10 3747656.94 0.09980 (15122816) 407034.32
3747664.72 0.10739 (15122816)
407037.54 3747672.50 0.11185 (15122816) 406985.76
3747625.27 0.07553 (12122016)
406976.58 3747625.27 0.07993 (12122016) 406967.39
3747625.27 0.08291 (12122016)
406958.21 3747625.27 0.08410 (12122016) 406949.02
3747625.27 0.08322 (12122016)
406939.84 3747625.27 0.08013 (12122016) 406930.66
3747625.27 0.08017 (16120216)
406921.47 3747625.27 0.08327 (16120216) 406912.29
3747625.27 0.08378 (16120216)
406903.10 3747625.27 0.08179 (16120216) 406893.92
3747625.27 0.07759 (16120216)
406884.73 3747625.27 0.07166 (16120216) 406875.55
3747625.27 0.06453 (16120216)
406992.83 3747623.20 0.07135 (13121016) 406999.90
3747626.13 0.07443 (13121016)
407006.98 3747629.06 0.07586 (13121016) 407014.05
3747631.99 0.07562 (13121016)
407021.12 3747634.92 0.07384 (13121016) 407031.12
3747644.92 0.08324 (15122816)
407034.05 3747651.99 0.09201 (15122816) 407036.98
3747659.06 0.09918 (15122816)
407039.90 3747666.14 0.10423 (15122816) 407042.83
3747673.21 0.10669 (15122816)
406985.76 3747620.27 0.07139 (12122016) 406976.58
3747620.27 0.07507 (12122016)
406967.39 3747620.27 0.07741 (12122016) 406958.21
3747620.27 0.07811 (12122016)
406949.02 3747620.27 0.07695 (12122016) 406939.84
3747620.27 0.07384 (12122016)
406930.66 3747620.27 0.07472 (16120216) 406921.47
3747620.27 0.07772 (16120216)
406912.29 3747620.27 0.07840 (16120216) 406903.10
3747620.27 0.07685 (16120216)
406893.92 3747620.27 0.07329 (16120216) 406884.73
3747620.27 0.06811 (16120216)
406875.55 3747620.27 0.06178 (16120216) 406993.42
3747618.44 0.06636 (13121016)
407001.08 3747621.62 0.06990 (13121016) 407008.74
3747624.79 0.07169 (13121016)
407016.40 3747627.96 0.07169 (13121016) 407024.07
3747631.14 0.07002 (13121016)
407034.90 3747641.97 0.07883 (15122816) 407038.07
3747649.64 0.08766 (15122816)
407041.24 3747657.30 0.09475 (15122816) 407044.42
3747664.96 0.09948 (15122816)
407047.59 3747672.62 0.10138 (15122816) 406985.76
3747615.27 0.06750 (12122016)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406903.10	3747615.27	0.07231	(16120216)	406893.92	3747615.27	0.06930	(16120216)
406884.73	3747615.27	0.06477	(16120216)	406875.55	3747615.27	0.05915	(16120216)
406994.01	3747613.69	0.06289	(12122016)	407002.26	3747617.11	0.06568	(13121016)
407010.51	3747620.52	0.06781	(13121016)	407018.76	3747623.94	0.06805	(13121016)
407027.01	3747627.36	0.06650	(13121016)	407038.68	3747639.03	0.07478	(15122816)
407042.09	3747647.28	0.08361	(15122816)	407045.51	3747655.53	0.09058	(15122816)
407048.93	3747663.78	0.09499	(15122816)	407052.34	3747672.03	0.09635	(15122816)
406985.76	3747610.27	0.06385	(12122016)	406976.58	3747610.27	0.06638	(12122016)
406967.39	3747610.27	0.06774	(12122016)	406958.21	3747610.27	0.06772	(12122016)
406949.02	3747610.27	0.06620	(12122016)	406939.84	3747610.27	0.06315	(12122016)
406930.66	3747610.27	0.06535	(16120216)	406921.47	3747610.27	0.06811	(16120216)
406912.29	3747610.27	0.06904	(16120216)	406903.10	3747610.27	0.06815	(16120216)
406893.92	3747610.27	0.06560	(16120216)	406884.73	3747610.27	0.06165	(16120216)
406875.55	3747610.27	0.05664	(16120216)	406993.34	3747608.41	0.05991	(12122016)
407000.91	3747611.55	0.06070	(13121016)	407008.49	3747614.69	0.06339	(13121016)
407016.07	3747617.83	0.06464	(13121016)	407023.64	3747620.96	0.06444	(13121016)
407031.22	3747624.10	0.06289	(13121016)	407041.94	3747634.82	0.06965	(15122816)
407045.07	3747642.40	0.07750	(15122816)	407048.21	3747649.97	0.08404	(15122816)
407051.35	3747657.55	0.08880	(15122816)	407054.49			

3747665.13 0.09134 (15122816)
407057.62 3747672.71 0.09141 (15122816) 406985.76
3747605.27 0.06043 (12122016)
406976.58 3747605.27 0.06251 (12122016) 406967.39
3747605.27 0.06349 (12122016)
406958.21 3747605.27 0.06321 (12122016) 406949.02
3747605.27 0.06158 (12122016)
406939.84 3747605.27 0.05859 (12122016) 406930.66
3747605.27 0.06130 (16120216)
406921.47 3747605.27 0.06395 (16120216) 406912.29
3747605.27 0.06495 (16120216)
406903.10 3747605.27 0.06431 (16120216) 406893.92
3747605.27 0.06216 (16120216)
406884.73 3747605.27 0.05871 (16120216) 406875.55
3747605.27 0.05426 (16120216)
406993.84 3747603.62 0.05692 (12122016) 407001.92
3747606.97 0.05694 (13121016)
407010.01 3747610.31 0.05990 (13121016) 407026.17
3747617.01 0.06134 (13121016)
407034.25 3747620.36 0.05987 (13121016) 407045.68
3747631.79 0.06619 (15122816)
407049.03 3747639.87 0.07401 (15122816) 407052.37
3747647.95 0.08047 (15122816)
407055.72 3747656.04 0.08502 (15122816) 407059.07
3747664.12 0.08721 (15122816)
407062.41 3747672.20 0.08680 (15122816) 406985.76
3747600.27 0.05723 (12122016)
406976.58 3747600.27 0.05891 (12122016) 406967.39
3747600.27 0.05957 (12122016)
406958.21 3747600.27 0.05909 (12122016) 406949.02
3747600.27 0.05738 (12122016)
406939.84 3747600.27 0.05447 (12122016) 406930.66
3747600.27 0.05761 (16120216)
406921.47 3747600.27 0.06015 (16120216) 406912.29
3747600.27 0.06121 (16120216)
406903.10 3747600.27 0.06078 (16120216) 406893.92
3747600.27 0.05897 (16120216)
406884.73 3747600.27 0.05595 (16120216) 406875.55
3747600.27 0.05199 (16120216)
406993.27 3747598.38 0.05418 (12122016) 407000.79
3747601.50 0.05333 (12122016)
407008.30 3747604.61 0.05562 (13121016) 407015.81
3747607.72 0.05769 (13121016)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407023.33	3747610.83	0.05856	(13121016)	407030.84	3747613.95	0.05824	(13121016)

407038.36 3747617.06 0.05680 (13121016) 407048.98
3747627.69 0.06193 (15122816)
407052.09 3747635.20 0.06892 (15122816) 407055.20
3747642.71 0.07494 (15122816)
407058.31 3747650.23 0.07958 (15122816) 407061.43
3747657.74 0.08246 (15122816)
407064.54 3747665.26 0.08334 (15122816) 407067.65
3747672.77 0.08212 (15122816)
406985.76 3747595.27 0.05423 (12122016) 406976.58
3747595.27 0.05557 (12122016)
406967.39 3747595.27 0.05596 (12122016) 406958.21
3747595.27 0.05531 (12122016)
406949.02 3747595.27 0.05356 (12122016) 406939.84
3747595.27 0.05073 (12122016)
406930.66 3747595.27 0.05424 (16120216) 406921.47
3747595.27 0.05667 (16120216)
406912.29 3747595.27 0.05776 (16120216) 406903.10
3747595.27 0.05751 (16120216)
406893.92 3747595.27 0.05600 (16120216) 406884.73
3747595.27 0.05336 (16120216)
406875.55 3747595.27 0.04984 (16120216) 406993.72
3747593.57 0.05154 (12122016)
407001.67 3747596.86 0.05083 (12122016) 407017.58
3747603.45 0.05476 (13121016)
407025.54 3747606.75 0.05578 (13121016) 407033.49
3747610.04 0.05557 (13121016)
407041.45 3747613.34 0.05420 (13121016) 407052.70
3747624.59 0.05895 (15122816)
407055.99 3747632.55 0.06591 (15122816) 407059.29
3747640.50 0.07185 (15122816)
407062.58 3747648.46 0.07634 (15122816) 407065.88
3747656.42 0.07899 (15122816)
407069.17 3747664.37 0.07955 (15122816) 407072.47
3747672.33 0.07792 (15122816)
406985.76 3747590.27 0.05141 (12122016) 406976.58
3747590.27 0.05246 (12122016)
406967.39 3747590.27 0.05264 (12122016) 406958.21
3747590.27 0.05185 (12122016)
406949.02 3747590.27 0.05008 (12122016) 406939.84
3747590.27 0.04774 (16120216)
406930.66 3747590.27 0.05115 (16120216) 406921.47
3747590.27 0.05348 (16120216)
406912.29 3747590.27 0.05460 (16120216) 406903.10
3747590.27 0.05449 (16120216)
406893.92 3747590.27 0.05323 (16120216) 406884.73
3747590.27 0.05093 (16120216)
406875.55 3747590.27 0.04779 (16120216) 406994.16
3747588.75 0.04906 (12122016)
407002.56 3747592.23 0.04848 (12122016) 407010.95
3747595.71 0.04959 (13121016)
407019.35 3747599.19 0.05202 (13121016) 407027.75
3747602.66 0.05318 (13121016)
407036.15 3747606.14 0.05308 (13121016) 407044.54
3747609.62 0.05177 (13121016)
407056.42 3747621.50 0.05618 (15122816) 407059.90
3747629.90 0.06310 (15122816)
407063.37 3747638.30 0.06896 (15122816) 407066.85
3747646.69 0.07329 (15122816)
407070.33 3747655.09 0.07571 (15122816) 407073.81
3747663.49 0.07596 (15122816)
407077.28 3747671.89 0.07397 (15122816) 406985.76
3747585.27 0.04877 (12122016)
406976.58 3747585.27 0.04957 (12122016) 406967.39
3747585.27 0.04956 (12122016)
406958.21 3747585.27 0.04867 (12122016) 406949.02
3747585.27 0.04689 (12122016)

406939.84 3747585.27 0.04512 (16120216) 406930.66
3747585.27 0.04832 (16120216)
406921.47 3747585.27 0.05054 (16120216) 406912.29
3747585.27 0.05167 (16120216)
406903.10 3747585.27 0.05169 (16120216) 406893.92
3747585.27 0.05065 (16120216)
406884.73 3747585.27 0.04864 (16120216) 406875.55
3747585.27 0.04584 (16120216)
406993.62 3747583.53 0.04672 (12122016) 407001.47
3747586.78 0.04646 (12122016)
407009.33 3747590.04 0.04575 (13121016) 407017.19
3747593.29 0.04846 (13121016)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407025.05	3747596.55	0.05020	(13121016)	407032.90	3747599.80	0.05090	(13121016)
407040.76	3747603.06	0.05058	(13121016)	407048.62	3747606.31	0.04930	(13121016)
407059.73	3747617.42	0.05280	(15122816)	407062.98	3747625.28	0.05901	(15122816)
407066.24	3747633.14	0.06447	(15122816)	407069.49	3747641.00	0.06879	(15122816)
407072.75	3747648.86	0.07167	(15122816)	407076.00	3747656.71	0.07286	(15122816)
407079.25	3747664.57	0.07224	(15122816)	407082.51	3747672.43	0.06982	(15122816)
406985.76	3747580.27	0.04630	(12122016)	406976.58	3747580.27	0.04688	(12122016)
406967.39	3747580.27	0.04672	(12122016)	406958.21	3747580.27	0.04575	(12122016)
406949.02	3747580.27	0.04397	(12122016)	406939.84	3747580.27	0.04270	(16120216)
406930.66	3747580.27	0.04571	(16120216)	406921.47	3747580.27	0.04784	(16120216)
406912.29	3747580.27	0.04897	(16120216)	406903.10	3747580.27	0.04909	(16120216)
406893.92	3747580.27	0.04824	(16120216)	406884.73	3747580.27	0.04649	(16120216)
406875.55	3747580.27	0.04400	(16120216)	406870.55	3747680.27	0.19793	(13112916)
406870.55	3747689.45	0.22848	(13112916)	406870.54	3747698.64	0.25425	(13112916)
406870.54	3747707.83	0.27099	(13112916)	406870.54	3747717.01	0.27457	(13112916)
406870.53	3747726.20	0.31754	(13121916)	406870.53	3747735.38	0.34760	(13121916)
406870.53	3747744.57	0.35092	(13121916)	406870.52			

3747753.75 0.32761 (13121916)
406870.52 3747762.94 0.28381 (13121916) 406870.52
3747772.13 0.22891 (13121916)
406870.51 3747781.31 0.18774 (15021709) 406870.51
3747790.50 0.17082 (15021709)
406865.55 3747680.27 0.19019 (13112916) 406865.55
3747689.45 0.21562 (13112916)
406865.54 3747698.64 0.23568 (13112916) 406865.54
3747707.82 0.24686 (13112916)
406865.54 3747717.01 0.24602 (13112916) 406865.53
3747726.20 0.28842 (13121916)
406865.53 3747735.38 0.31609 (13121916) 406865.53
3747744.57 0.32072 (13121916)
406865.52 3747753.75 0.30203 (13121916) 406865.52
3747762.94 0.26485 (13121916)
406865.52 3747772.12 0.21698 (13121916) 406865.51
3747781.31 0.17295 (15021709)
406865.51 3747790.50 0.16023 (15021709) 406862.75
3747674.96 0.17112 (13112916)
406870.25 3747667.47 0.15395 (13112916) 406860.55
3747680.26 0.18197 (13112916)
406860.55 3747689.45 0.20287 (13112916) 406860.54
3747698.64 0.21807 (13112916)
406860.54 3747707.82 0.22475 (13112916) 406860.54
3747717.01 0.22220 (13121916)
406860.53 3747726.19 0.26289 (13121916) 406860.53
3747735.38 0.28843 (13121916)
406860.53 3747744.57 0.29399 (13121916) 406860.52
3747753.75 0.27909 (13121916)
406860.52 3747762.94 0.24752 (13121916) 406860.52
3747772.12 0.20571 (13121916)
406860.51 3747781.31 0.16065 (13121916) 406860.51
3747790.49 0.14961 (15021709)
406858.48 3747673.19 0.16154 (13112916) 406868.48
3747663.20 0.13988 (13112916)
406855.55 3747680.26 0.17352 (13112916) 406855.55
3747689.45 0.19039 (13112916)
406855.54 3747698.63 0.20149 (13112916) 406855.54
3747707.82 0.20456 (13112916)
406855.54 3747717.01 0.20389 (13121916) 406855.53
3747726.19 0.24054 (13121916)
406855.53 3747735.38 0.26409 (13121916) 406855.53
3747744.56 0.27030 (13121916)
406855.52 3747753.75 0.25851 (13121916) 406855.52
3747762.94 0.23168 (13121916)
406855.52 3747772.12 0.19512 (13121916) 406855.51
3747781.31 0.15483 (13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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406835.53 3747735.37 0.19161 (13121916) 406835.53
3747744.56 0.19864 (13121916)
406835.52 3747753.74 0.19461 (13121916) 406835.52
3747762.93 0.18058 (13121916)
406835.52 3747772.11 0.15902 (13121916) 406835.51
3747781.30 0.13315 (13121916)
406835.51 3747790.49 0.10628 (13121916) 406833.85
3747672.30 0.12969 (13112916)
406837.14 3747664.35 0.12333 (13112916) 406840.44
3747656.40 0.11344 (13112916)
406851.69 3747645.15 0.09536 (13112916) 406859.64
3747641.86 0.08711 (13112916)
406867.60 3747638.56 0.07669 (13112916) 406830.55
3747680.25 0.13173 (13112916)
406830.55 3747689.44 0.13537 (13112916) 406830.54
3747698.63 0.13445 (13112916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406830.54	3747707.81	0.12852	(13112916)	406830.54	3747717.00	0.13935	(13121916)
406830.53	3747726.18	0.16210	(13121916)	406830.53	3747735.37	0.17812	(13121916)
406830.53	3747744.55	0.18511	(13121916)	406830.52	3747753.74	0.18223	(13121916)
406830.52	3747762.93	0.17029	(13121916)	406830.52	3747772.11	0.15135	(13121916)
406830.51	3747781.30	0.12815	(13121916)	406830.51	3747790.48	0.10366	(13121916)
406828.48	3747673.18	0.12371	(13112916)	406831.41	3747666.11	0.12014	(13112916)
406834.34	3747659.05	0.11370	(13112916)	406837.27	3747651.98	0.10494	(13112916)
406847.27	3747641.98	0.08982	(13112916)	406854.34	3747639.05	0.08327	(13112916)
406861.41	3747636.13	0.07514	(13112916)	406868.48	3747633.20	0.06720	(14121615)
406825.55	3747680.25	0.12404	(13112916)	406825.55	3747689.44	0.12612	(13112916)
406825.54	3747698.62	0.12398	(13112916)	406825.54	3747707.81	0.11738	(13112916)
406825.54	3747717.00	0.13025	(13121916)	406825.53	3747726.18	0.15111	(13121916)
406825.53	3747735.37	0.16601	(13121916)	406825.53	3747744.55	0.17290	(13121916)
406825.52	3747753.74	0.17097	(13121916)	406825.52	3747762.92	0.16084	(13121916)
406825.52	3747772.11	0.14416	(13121916)	406825.51			

3747781.30 0.12335 (13121916)
406825.51 3747790.48 0.10098 (13121916) 406823.77
3747672.47 0.11731 (13112916)
406827.00 3747664.70 0.11434 (13112916) 406830.22
3747656.92 0.10810 (13112916)
406833.44 3747649.15 0.09927 (13112916) 406844.44
3747638.15 0.08357 (13112916)
406852.22 3747634.93 0.07655 (13112916) 406860.00
3747631.71 0.06789 (13112916)
406867.77 3747628.49 0.06155 (14121615) 406820.55
3747680.25 0.11669 (13112916)
406820.55 3747689.44 0.11745 (13112916) 406820.54
3747698.62 0.11436 (13112916)
406820.54 3747707.81 0.10732 (13112916) 406820.54
3747716.99 0.12201 (13121916)
406820.53 3747726.18 0.14122 (13121916) 406820.53
3747735.37 0.15510 (13121916)
406820.53 3747744.55 0.16185 (13121916) 406820.52
3747753.74 0.16070 (13121916)
406820.52 3747762.92 0.15210 (13121916) 406820.52
3747772.11 0.13742 (13121916)
406820.51 3747781.29 0.11875 (13121916) 406820.51
3747790.48 0.09830 (13121916)
406819.07 3747671.77 0.11127 (13112916) 406822.58
3747663.28 0.10887 (13112916)
406826.10 3747654.80 0.10291 (13112916) 406829.62
3747646.32 0.09406 (13112916)
406841.62 3747634.32 0.07787 (13112916) 406850.10
3747630.81 0.07045 (13112916)
406858.58 3747627.30 0.06139 (13112916) 406867.07
3747623.78 0.05674 (16120216)
406815.55 3747680.25 0.10968 (13112916) 406815.55
3747689.43 0.10935 (13112916)
406815.54 3747698.62 0.10553 (13112916) 406815.54
3747707.81 0.09822 (13112916)
406815.54 3747716.99 0.11458 (13121916) 406815.53
3747726.18 0.13228 (13121916)
406815.53 3747735.36 0.14523 (13121916) 406815.53
3747744.55 0.15182 (13121916)
406815.52 3747753.73 0.15131 (13121916) 406815.52
3747762.92 0.14401 (13121916)
406815.52 3747772.11 0.13108 (13121916) 406815.51
3747781.29 0.11430 (13121916)
406815.51 3747790.48 0.09563 (13121916) 406813.72
3747672.59 0.10540 (13112916)
406816.90 3747664.93 0.10482 (13112916) 406820.07
3747657.27 0.10137 (13112916)
406823.25 3747649.62 0.09545 (13112916) 406826.42
3747641.96 0.08756 (13112916)
406837.26 3747631.13 0.07378 (13112916) 406844.91
3747627.96 0.06772 (13112916)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN

MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406852.57	3747624.78	0.06037	(13112916)	406860.23	3747621.61	0.05514	(14121615)
406867.89	3747618.44	0.05520	(16120216)	406810.55	3747680.25	0.10302	(13112916)
406810.55	3747689.43	0.10181	(13112916)	406810.54	3747698.62	0.09743	(13112916)
406810.54	3747707.80	0.09000	(13112916)	406810.54	3747716.99	0.10782	(13121916)
406810.53	3747726.18	0.12418	(13121916)	406810.53	3747735.36	0.13627	(13121916)
406810.53	3747744.55	0.14269	(13121916)	406810.52	3747753.73	0.14270	(13121916)
406810.52	3747762.92	0.13653	(13121916)	406810.52	3747772.10	0.12515	(13121916)
406810.51	3747781.29	0.11004	(13121916)	406810.51	3747790.48	0.09298	(13121916)
406808.97	3747672.00	0.09986	(13112916)	406812.39	3747663.75	0.09985	(13112916)
406815.81	3747655.50	0.09677	(13112916)	406819.22	3747647.26	0.09100	(13112916)
406822.64	3747639.01	0.08311	(13112916)	406834.31	3747627.35	0.06908	(13112916)
406842.56	3747623.93	0.06277	(13112916)	406850.81	3747620.52	0.05522	(13112916)
406859.05	3747617.10	0.05104	(14121615)	406867.30	3747613.69	0.05287	(16120216)
406805.55	3747680.24	0.09672	(13112916)	406805.55	3747689.43	0.09479	(13112916)
406805.54	3747698.62	0.09001	(13112916)	406805.54	3747707.80	0.08438	(13121916)
406805.54	3747716.99	0.10166	(13121916)	406805.53	3747726.17	0.11679	(13121916)
406805.53	3747735.36	0.12813	(13121916)	406805.53	3747744.55	0.13435	(13121916)
406805.52	3747753.73	0.13478	(13121916)	406805.52	3747762.92	0.12958	(13121916)
406805.52	3747772.10	0.11955	(13121916)	406805.51	3747781.29	0.10595	(13121916)
406805.51	3747790.47	0.09038	(13121916)	406803.69	3747672.67	0.09427	(13112916)
406806.83	3747665.10	0.09535	(13112916)	406809.97	3747657.52	0.09400	(13112916)
406813.11	3747649.95	0.09038	(13112916)	406816.25	3747642.37	0.08482	(13112916)
406819.39	3747634.80	0.07775	(13112916)	406830.10	3747624.09	0.06558	(13112916)
406837.68	3747620.95	0.06027	(13112916)	406845.25	3747617.82	0.05398	(13112916)
406852.83	3747614.68	0.04963	(14121615)	406860.40	3747611.54	0.04742	(16120216)
406867.98	3747608.41	0.05126	(16120216)	406800.55	3747680.24	0.09078	(13112916)
406800.55	3747689.43	0.08827	(13112916)	406800.54	3747698.61	0.08321	(13112916)
406800.54	3747707.80	0.08004	(13121916)	406800.54	3747716.99	0.09603	(13121916)
406800.53	3747726.17	0.11007	(13121916)	406800.53	3747735.36	0.12070	(13121916)
406800.53	3747744.54	0.12671	(13121916)	406800.52	3747753.73	0.12750	(13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406800.52	3747762.92	0.12313	(13121916)	406800.52	3747772.10	0.11428	(13121916)
406800.51	3747781.29	0.10204	(13121916)	406800.51	3747790.47	0.08781	(13121916)
406798.90	3747672.16	0.08924	(13112916)	406802.25	3747664.08	0.09081	(13112916)
406805.60	3747656.01	0.08983	(13112916)	406808.95	3747647.93	0.08645	(13112916)
406812.29	3747639.85	0.08100	(13112916)	406815.64	3747631.77	0.07395	(13112916)
406827.07	3747620.35	0.06165	(13112916)	406835.15	3747617.00	0.05621	(13112916)
406851.31	3747610.31	0.04628	(14121615)	406859.39	3747606.96	0.04543	(16120216)
406867.47	3747603.62	0.04915	(16120216)	406795.55	3747680.24	0.08517	(13112916)
406795.55	3747689.43	0.08221	(13112916)	406795.54	3747698.61	0.07698	(13112916)
406795.54	3747707.80	0.07603	(13121916)	406795.54	3747716.98	0.09085	(13121916)
406795.53	3747726.17	0.10392	(13121916)	406795.53	3747735.36	0.11390	(13121916)
406795.53	3747744.54	0.11971	(13121916)	406795.52	3747753.73	0.12078	(13121916)
406795.52	3747762.91	0.11714	(13121916)	406795.52	3747772.10	0.10933	(13121916)
406795.51	3747781.29	0.09830	(13121916)	406795.51	3747790.47	0.08528	(13121916)
406793.66	3747672.73	0.08405	(13112916)	406796.78	3747665.22	0.08627	(13112916)
406799.89	3747657.71	0.08645	(13112916)	406803.00	3747650.20	0.08463	(13112916)
406806.12	3747642.69	0.08100	(13112916)	406809.23	3747635.18	0.07582	(13112916)
406812.34	3747627.67	0.06947	(13112916)	406822.97	3747617.04	0.05864	(13112916)
406830.48	3747613.93	0.05396	(13112916)	406837.99	3747610.82	0.04849	(13112916)
406845.50	3747607.71	0.04486	(14121615)	406853.02	3747604.60	0.04181	(14121615)
406860.53	3747601.49	0.04454	(16120216)	406868.04	3747598.38	0.04755	(16120216)
406790.55	3747680.24	0.07991	(13112916)	406790.55	3747689.42	0.07660	(13112916)
406790.54	3747698.61	0.07126	(13112916)	406790.54			

3747707.80 0.07234 (13121916)
406790.54 3747716.98 0.08611 (13121916) 406790.53
3747726.17 0.09829 (13121916)
406790.53 3747735.35 0.10765 (13121916) 406790.53
3747744.54 0.11327 (13121916)
406790.52 3747753.73 0.11456 (13121916) 406790.52
3747762.91 0.11155 (13121916)
406790.52 3747772.10 0.10466 (13121916) 406790.51
3747781.28 0.09473 (13121916)
406790.51 3747790.47 0.08281 (13121916) 406788.85
3747672.29 0.07952 (13112916)
406792.14 3747664.33 0.08212 (13112916) 406795.44
3747656.38 0.08264 (13112916)
406798.74 3747648.43 0.08108 (13112916) 406802.03
3747640.48 0.07760 (13112916)
406805.33 3747632.52 0.07251 (13112916) 406808.63
3747624.57 0.06620 (13112916)
406819.88 3747613.33 0.05532 (13112916) 406827.83
3747610.03 0.05056 (13112916)
406835.78 3747606.74 0.04503 (13112916) 406843.74
3747603.44 0.04208 (14121615)
406859.64 3747596.86 0.04275 (16120216) 406867.60
3747593.56 0.04565 (16120216)
406785.55 3747680.24 0.07496 (13112916) 406785.55
3747689.42 0.07139 (13112916)
406785.54 3747698.61 0.06602 (13112916) 406785.54
3747707.79 0.06890 (13121916)
406785.54 3747716.98 0.08174 (13121916) 406785.53
3747726.17 0.09310 (13121916)
406785.53 3747735.35 0.10192 (13121916) 406785.53
3747744.54 0.10733 (13121916)
406785.52 3747753.72 0.10881 (13121916) 406785.52
3747762.91 0.10634 (13121916)
406785.52 3747772.10 0.10026 (13121916) 406785.51
3747781.28 0.09130 (13121916)
406785.51 3747790.47 0.08040 (13121916) 406784.03
3747671.84 0.07525 (13112916)
406787.51 3747663.45 0.07823 (13112916) 406790.99
3747655.05 0.07906 (13112916)
406794.47 3747646.66 0.07773 (13112916) 406797.95
3747638.26 0.07442 (13112916)
406801.43 3747629.87 0.06943 (13112916) 406804.91
3747621.48 0.06317 (13112916)
406816.78 3747609.61 0.05225 (13112916) 406825.18
3747606.13 0.04743 (13112916)
406833.57 3747602.65 0.04206 (14121615) 406841.97
3747599.18 0.03951 (14121615)
406850.36 3747595.70 0.03761 (16120216) 406858.76
3747592.22 0.04107 (16120216)
406867.15 3747588.75 0.04385 (16120216) 406780.55
3747680.24 0.07032 (13112916)
406780.55 3747689.42 0.06656 (13112916) 406780.54
3747698.61 0.06121 (13112916)
406780.54 3747707.79 0.06572 (13121916) 406780.54
3747716.98 0.07770 (13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406780.53	3747726.16	0.08832	(13121916)	406780.53	3747735.35	0.09664	(13121916)
406780.53	3747744.54	0.10185	(13121916)	406780.52	3747753.72	0.10348	(13121916)
406780.52	3747762.91	0.10147	(13121916)	406780.52	3747772.09	0.09612	(13121916)
406780.51	3747781.28	0.08803	(13121916)	406780.51	3747790.47	0.07805	(13121916)
406778.81	3747672.38	0.07074	(13112916)	406782.06	3747664.53	0.07399	(13112916)
406785.32	3747656.67	0.07555	(13112916)	406788.57	3747648.82	0.07534	(13112916)
406791.83	3747640.96	0.07342	(13112916)	406795.08	3747633.11	0.06998	(13112916)
406798.34	3747625.25	0.06525	(13112916)	406801.60	3747617.40	0.05958	(13112916)
406812.71	3747606.29	0.04989	(13112916)	406820.56	3747603.04	0.04570	(13112916)
406828.42	3747599.79	0.04087	(13112916)	406836.27	3747596.53	0.03838	(14121615)
406844.13	3747593.28	0.03574	(14121615)	406851.98	3747590.03	0.03729	(16120216)
406859.84	3747586.78	0.04014	(16120216)	406867.69	3747583.52	0.04240	(16120216)
406775.55	3747680.23	0.06598	(13112916)	406775.55	3747689.42	0.06209	(13112916)
406775.54	3747698.61	0.05680	(13112916)	406775.54	3747707.79	0.06277	(13121916)
406775.54	3747716.98	0.07396	(13121916)	406775.53	3747726.16	0.08391	(13121916)
406775.53	3747735.35	0.09176	(13121916)	406775.53	3747744.53	0.09678	(13121916)
406775.52	3747753.72	0.09853	(13121916)	406775.52	3747762.91	0.09692	(13121916)
406775.52	3747772.09	0.09221	(13121916)	406775.51	3747781.28	0.08491	(13121916)
406775.51	3747790.46	0.07577	(13121916)	406875.51	3747795.50	0.16863	(15021709)
406884.70	3747795.50	0.18133	(15021709)	406893.88	3747795.50	0.20171	(14021809)
406903.07	3747795.50	0.25095	(14120316)	406912.25	3747795.50	0.32367	(14120316)
406921.44	3747795.50	0.38628	(14120316)	406930.63	3747795.50	0.42803	(14120316)
406939.81	3747795.50	0.44243	(14120316)	406949.00	3747795.50	0.42875	(14120316)
406958.18	3747795.50	0.39147	(14120316)	406967.37	3747795.50	0.33830	(14120316)
406976.55	3747795.50	0.27806	(14120316)	406985.74	3747795.50	0.21829	(14120316)
406875.51	3747800.50	0.15604	(15021709)	406884.70	3747800.50	0.16470	(15021709)
406893.88	3747800.50	0.18776	(14021809)	406903.07	3747800.50	0.22511	(14120316)
406912.25	3747800.50	0.28910	(14120316)	406921.44	3747800.50	0.34494	(14120316)

406930.63 3747800.50 0.38359 (14120316) 406939.81
3747800.50 0.39926 (14120316)
406949.00 3747800.50 0.39078 (14120316) 406958.18
3747800.50 0.36130 (14120316)
406967.37 3747800.50 0.31686 (14120316) 406976.55
3747800.50 0.26479 (14120316)
406985.74 3747800.50 0.21166 (14120316) 406870.21
3747803.30 0.14371 (15021709)
406862.71 3747795.80 0.14669 (15021709) 406875.51
3747805.50 0.14361 (15021709)
406884.70 3747805.50 0.15488 (14021809) 406893.88
3747805.50 0.17478 (14021809)
406903.07 3747805.50 0.20290 (14120316) 406912.25
3747805.50 0.25950 (14120316)
406921.44 3747805.50 0.30951 (14120316) 406930.63
3747805.50 0.34527 (14120316)
406939.81 3747805.50 0.36163 (14120316) 406949.00
3747805.50 0.35717 (14120316)
406958.18 3747805.50 0.33402 (14120316) 406967.37
3747805.50 0.29693 (14120316)
406976.55 3747805.50 0.25196 (14120316) 406985.74
3747805.50 0.20480 (14120316)
406868.44 3747807.57 0.13321 (15021709) 406858.44
3747797.57 0.13701 (15021709)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406875.51	3747810.50	0.13155	(15021709)	406884.70	3747810.50	0.14623	(14021809)
406893.88	3747810.50	0.16274	(14021809)	406903.07	3747810.50	0.18373	(14120316)
406912.25	3747810.50	0.23403	(14120316)	406921.44	3747810.50	0.27899	(14120316)
406930.63	3747810.50	0.31207	(14120316)	406939.81	3747810.50	0.32871	(14120316)
406949.00	3747810.50	0.32733	(14120316)	406958.18	3747810.50	0.30934	(14120316)
406967.37	3747810.50	0.27844	(14120316)	406976.55	3747810.50	0.23962	(14120316)
406985.74	3747810.50	0.19781	(14120316)	406869.62	3747813.06	0.12299	(15021709)
406863.72	3747810.62	0.12356	(15021709)	406855.39	3747802.28	0.12657	(15021709)
406852.95	3747796.39	0.12902	(15021709)	406875.51	3747815.50	0.12135	(14021809)
406884.70	3747815.50	0.13798	(14021809)	406893.88	3747815.50	0.15158	(14021809)
406903.07	3747815.50	0.16710	(14120316)	406912.25			

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      3747815.50        0.21201  (14120316)
      406921.44   3747815.50        0.25257  (14120316)                406930.63
      3747815.50        0.28318  (14120316)
      406939.81   3747815.50        0.29979  (14120316)                406949.00
      3747815.50        0.30077  (14120316)
      406958.18   3747815.50        0.28698  (14120316)                406967.37
      3747815.50        0.26128  (14120316)
      406976.55   3747815.50        0.22781  (14120316)                406985.74
      3747815.50        0.19078  (14120316)
      406868.44   3747817.57        0.11362  (15021709)                406861.37
      3747814.64        0.11508  (15021709)
      406851.37   3747804.64        0.11852  (15021709)                406848.44
      3747797.56        0.12049  (15021709)
      406875.51   3747820.50        0.11592  (14021809)                406884.70
      3747820.50        0.13013  (14021809)
      406893.88   3747820.50        0.14126  (14021809)                406903.07
      3747820.50        0.15259  (14120316)
      406912.25   3747820.50        0.19287  (14120316)                406921.44
      3747820.50        0.22958  (14120316)
      406930.63   3747820.50        0.25792  (14120316)                406939.81
      3747820.50        0.27428  (14120316)
      406949.00   3747820.50        0.27706  (14120316)                406958.18
      3747820.50        0.26668  (14120316)
      406967.37   3747820.50        0.24538  (14120316)                406976.55
      3747820.50        0.21654  (14120316)
      406985.74   3747820.50        0.18377  (14120316)                406867.26
      3747822.08        0.10495  (15021709)
      406859.01   3747818.66        0.10736  (15021709)                406847.34
      3747806.99        0.11117  (15021709)
      406843.93   3747798.74        0.11253  (15021709)                406875.51
      3747825.50        0.11060  (14021809)
      406884.70   3747825.50        0.12270  (14021809)                406893.88
      3747825.50        0.13172  (14021809)
      406903.07   3747825.50        0.13988  (14120316)                406912.25
      3747825.50        0.17613  (14120316)
      406921.44   3747825.50        0.20947  (14120316)                406930.63
      3747825.50        0.23572  (14120316)
      406939.81   3747825.50        0.25170  (14120316)                406949.00
      3747825.50        0.25582  (14120316)
      406958.18   3747825.50        0.24824  (14120316)                406967.37
      3747825.50        0.23064  (14120316)
      406976.55   3747825.50        0.20581  (14120316)                406985.74
      3747825.50        0.17685  (14120316)
      406868.44   3747827.57        0.09848  (14021809)                406861.37
      3747824.64        0.09917  (15021709)
      406854.29   3747821.71        0.10045  (15021709)                406844.29
      3747811.71        0.10355  (15021709)
      406841.37   3747804.63        0.10538  (15021709)                406838.44
      3747797.56        0.10450  (15021709)
      406875.51   3747830.50        0.10543  (14021809)                406884.70
      3747830.50        0.11568  (14021809)
      406893.88   3747830.50        0.12292  (14021809)                406903.07
      3747830.50        0.12867  (14120316)
      406912.25   3747830.50        0.16143  (14120316)                406921.44
      3747830.50        0.19178  (14120316)
      406930.63   3747830.50        0.21613  (14120316)                406939.81
      3747830.50        0.23162  (14120316)
      406949.00   3747830.50        0.23675  (14120316)                406958.18
      3747830.50        0.23144  (14120316)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:39:57

                     PAGE  65
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406967.37	3747830.50	0.21697	(14120316)	406976.55	3747830.50	0.19563	(14120316)
406985.74	3747830.50	0.17005	(14120316)	406867.55	3747832.20	0.09378	(14021809)
406859.60	3747828.91	0.09231	(15021709)	406851.64	3747825.61	0.09415	(15021709)
406840.39	3747814.36	0.09746	(15021709)	406837.10	3747806.40	0.09894	(15021709)
406833.80	3747798.44	0.09729	(15021709)	406875.51	3747835.50	0.10042	(14021809)
406884.70	3747835.50	0.10906	(14021809)	406893.88	3747835.50	0.11478	(14021809)
406903.07	3747835.50	0.11874	(14120316)	406912.25	3747835.50	0.14845	(14120316)
406921.44	3747835.50	0.17617	(14120316)	406930.63	3747835.50	0.19877	(14120316)
406939.81	3747835.50	0.21371	(14120316)	406949.00	3747835.50	0.21957	(14120316)
406958.18	3747835.50	0.21612	(14120316)	406967.37	3747835.50	0.20430	(14120316)
406976.55	3747835.50	0.18598	(14120316)	406985.74	3747835.50	0.16340	(14120316)
406868.44	3747837.57	0.09086	(14021809)	406861.37	3747834.64	0.08422	(14021809)
406854.29	3747831.71	0.08733	(15021709)	406847.22	3747828.78	0.08846	(15021709)
406837.22	3747818.78	0.09126	(15021709)	406834.29	3747811.70	0.09294	(15021709)
406831.37	3747804.63	0.09245	(15021709)	406828.44	3747797.56	0.08967	(15021709)
406875.51	3747840.50	0.09559	(14021809)	406884.70	3747840.50	0.10282	(14021809)
406893.88	3747840.50	0.10727	(14021809)	406903.07	3747840.50	0.10990	(14120316)
406912.25	3747840.50	0.13693	(14120316)	406921.44	3747840.50	0.16231	(14120316)
406930.63	3747840.50	0.18332	(14120316)	406939.81	3747840.50	0.19769	(14120316)
406949.00	3747840.50	0.20406	(14120316)	406958.18	3747840.50	0.20212	(14120316)
406967.37	3747840.50	0.19254	(14120316)	406976.55	3747840.50	0.17685	(14120316)
406985.74	3747840.50	0.15694	(14120316)	406867.73	3747842.28	0.08663	(14021809)
406852.17	3747835.83	0.08176	(15021709)	406844.39	3747832.61	0.08323	(15021709)
406833.39	3747821.60	0.08617	(15021709)	406830.17	3747813.82	0.08763	(15021709)
406826.95	3747806.04	0.08667	(15021709)	406823.73	3747798.26	0.08321	(15021709)
406875.51	3747845.50	0.09094	(14021809)	406884.70	3747845.50	0.09695	(14021809)

406893.88 3747845.50 0.10032 (14021809) 406903.07
3747845.50 0.10200 (14120316)
406912.25 3747845.50 0.12666 (14120316) 406921.44
3747845.50 0.14997 (14120316)
406930.63 3747845.50 0.16952 (14120316) 406939.81
3747845.50 0.18329 (14120316)
406949.00 3747845.50 0.19002 (14120316) 406958.18
3747845.50 0.18931 (14120316)
406967.37 3747845.50 0.18163 (14120316) 406976.55
3747845.50 0.16821 (14120316)
406985.74 3747845.50 0.15067 (14120316) 406868.44
3747847.57 0.08347 (14021809)
406861.37 3747844.64 0.07869 (14021809) 406854.29
3747841.71 0.07484 (15021709)
406847.22 3747838.78 0.07750 (15021709) 406840.15
3747835.85 0.07850 (15021709)
406830.15 3747825.85 0.08103 (15021709) 406827.22
3747818.77 0.08258 (15021709)
406824.29 3747811.70 0.08234 (15021709) 406821.37
3747804.63 0.08023 (15021709)
406818.44 3747797.55 0.08204 (13121916) 406875.51
3747850.50 0.08649 (14021809)
406884.70 3747850.50 0.09143 (14021809) 406893.88
3747850.50 0.09389 (14021809)
406903.07 3747850.50 0.09491 (14120316) 406912.25
3747850.50 0.11748 (14120316)
406921.44 3747850.50 0.13893 (14120316) 406930.63
3747850.50 0.15715 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406939.81	3747850.50	0.17032	(14120316)	406949.00	3747850.50	0.17728	(14120316)
406958.18	3747850.50	0.17756	(14120316)	406967.37	3747850.50	0.17149	(14120316)
406976.55	3747850.50	0.16005	(14120316)	406985.74	3747850.50	0.14461	(14120316)
406867.85	3747852.33	0.07963	(14021809)	406860.19	3747849.15	0.07509	(14021809)
406852.52	3747845.98	0.06990	(15021709)	406844.86	3747842.80	0.07290	(15021709)
406837.20	3747839.63	0.07412	(15021709)	406826.37	3747828.79	0.07674	(15021709)
406823.20	3747821.13	0.07813	(15021709)	406820.02	3747813.47	0.07759	(15021709)
406816.85	3747805.80	0.07506	(15021709)	406813.68	3747798.14	0.07942	(13121916)
406875.51	3747855.50	0.08224	(14021809)	406884.70			

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      3747855.50        0.08626  (14021809)
      406893.88   3747855.50        0.08794  (14021809)                406903.07
      3747855.50        0.08851  (14120316)
      406912.25   3747855.50        0.10923  (14120316)                406921.44
      3747855.50        0.12902  (14120316)
      406930.63   3747855.50        0.14601  (14120316)                406939.81
      3747855.50        0.15860  (14120316)
      406949.00   3747855.50        0.16568  (14120316)                406958.18
      3747855.50        0.16676  (14120316)
      406967.37   3747855.50        0.16205  (14120316)                406976.55
      3747855.50        0.15232  (14120316)
      406985.74   3747855.50        0.13875  (14120316)                406867.26
      3747857.08        0.07600  (14021809)
      406859.01   3747853.66        0.07172  (14021809)                406850.76
      3747850.24        0.06571  (14021809)
      406842.51   3747846.83        0.06864  (15021709)                406834.25
      3747843.41        0.07008  (15021709)
      406822.59   3747831.74        0.07277  (15021709)                406819.17
      3747823.48        0.07401  (15021709)
      406815.76   3747815.23        0.07319  (15021709)                406812.34
      3747806.98        0.07025  (15021709)
      406808.93   3747798.73        0.07691  (13121916)                406875.51
      3747860.50        0.07818  (14021809)
      406884.70   3747860.50        0.08140  (14021809)                406893.88
      3747860.50        0.08244  (14021809)
      406903.07   3747860.50        0.08273  (14120316)                406912.25
      3747860.50        0.10179  (14120316)
      406921.44   3747860.50        0.12008  (14120316)                406930.63
      3747860.50        0.13596  (14120316)
      406939.81   3747860.50        0.14796  (14120316)                406949.00
      3747860.50        0.15508  (14120316)
      406958.18   3747860.50        0.15681  (14120316)                406967.37
      3747860.50        0.15325  (14120316)
      406976.55   3747860.50        0.14503  (14120316)                406985.74
      3747860.50        0.13312  (14120316)
      406867.93   3747862.36        0.07296  (14021809)                406860.35
      3747859.22        0.06991  (14021809)
      406852.78   3747856.08        0.06539  (14021809)                406845.20
      3747852.94        0.06290  (15021709)
      406837.62   3747849.80        0.06539  (15021709)                406830.04
      3747846.66        0.06643  (15021709)
      406819.33   3747835.94        0.06878  (15021709)                406816.19
      3747828.37        0.07008  (15021709)
      406813.06   3747820.79        0.06984  (15021709)                406809.92
      3747813.21        0.06794  (15021709)
      406806.78   3747805.63        0.06445  (15021709)                406803.65
      3747798.05        0.07650  (13121916)
      406875.51   3747865.50        0.07432  (14021809)                406884.70
      3747865.50        0.07685  (14021809)
      406893.88   3747865.50        0.07734  (14021809)                406903.07
      3747865.50        0.07747  (14120316)
      406912.25   3747865.50        0.09505  (14120316)                406921.44
      3747865.50        0.11200  (14120316)
      406930.63   3747865.50        0.12685  (14120316)                406939.81
      3747865.50        0.13830  (14120316)
      406949.00   3747865.50        0.14539  (14120316)                406958.18
      3747865.50        0.14763  (14120316)
      406967.37   3747865.50        0.14505  (14120316)                406976.55
      3747865.50        0.13813  (14120316)
      406985.74   3747865.50        0.12770  (14120316)                406867.43
      3747867.15        0.06966  (14021809)
      406859.34   3747863.80        0.06687  (14021809)                406851.26
      3747860.45        0.06251  (14021809)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406835.10	3747853.76	0.06181	(15021709)	406827.01	3747850.41	0.06300	(15021709)
406815.59	3747838.97	0.06539	(15021709)	406812.24	3747830.89	0.06659	(15021709)
406808.89	3747822.81	0.06614	(15021709)	406805.55	3747814.72	0.06399	(15021709)
406802.20	3747806.64	0.06209	(13121916)	406798.86	3747798.55	0.07418	(13121916)
406875.51	3747870.50	0.07065	(14021809)	406884.70	3747870.50	0.07258	(14021809)
406893.88	3747870.50	0.07262	(14021809)	406903.07	3747870.50	0.07269	(14120316)
406912.25	3747870.50	0.08894	(14120316)	406921.44	3747870.50	0.10467	(14120316)
406930.63	3747870.50	0.11858	(14120316)	406939.81	3747870.50	0.12948	(14120316)
406949.00	3747870.50	0.13651	(14120316)	406958.18	3747870.50	0.13916	(14120316)
406967.37	3747870.50	0.13741	(14120316)	406976.55	3747870.50	0.13162	(14120316)
406985.74	3747870.50	0.12251	(14120316)	406868.00	3747872.39	0.06671	(14021809)
406860.48	3747869.27	0.06481	(14021809)	406852.97	3747866.16	0.06157	(14021809)
406845.45	3747863.05	0.05720	(14021809)	406837.94	3747859.93	0.05688	(15021709)
406830.42	3747856.82	0.05897	(15021709)	406822.91	3747853.71	0.05988	(15021709)
406812.28	3747843.08	0.06199	(15021709)	406809.17	3747835.56	0.06322	(15021709)
406806.06	3747828.05	0.06315	(15021709)	406802.95	3747820.53	0.06173	(15021709)
406799.84	3747813.02	0.05897	(15021709)	406796.73	3747805.50	0.06299	(13121916)
406793.62	3747797.98	0.07338	(13121916)	406875.51	3747875.50	0.06717	(14021809)
406884.70	3747875.50	0.06858	(14021809)	406893.88	3747875.50	0.06824	(14021809)
406903.07	3747875.50	0.06832	(14120316)	406912.25	3747875.50	0.08338	(14120316)
406921.44	3747875.50	0.09801	(14120316)	406930.63	3747875.50	0.11105	(14120316)
406939.81	3747875.50	0.12142	(14120316)	406949.00	3747875.50	0.12835	(14120316)
406958.18	3747875.50	0.13132	(14120316)	406967.37	3747875.50	0.13027	(14120316)
406976.55	3747875.50	0.12548	(14120316)	406985.74	3747875.50	0.11752	(14120316)

406867.55 3747877.20 0.06371 (14021809) 406859.60
3747873.91 0.06205 (14021809)
406843.68 3747867.31 0.05473 (14021809) 406835.73
3747864.02 0.05370 (15021709)
406827.77 3747860.72 0.05593 (15021709) 406819.82
3747857.42 0.05694 (15021709)
406808.57 3747846.17 0.05908 (15021709) 406805.27
3747838.21 0.06022 (15021709)
406801.98 3747830.26 0.06002 (15021709) 406798.68
3747822.30 0.05842 (15021709)
406795.39 3747814.34 0.05546 (15021709) 406792.10
3747806.38 0.06093 (13121916)
406788.80 3747798.42 0.07120 (13121916) 406875.51
3747880.50 0.06386 (14021809)
406884.70 3747880.50 0.06483 (14021809) 406893.88
3747880.50 0.06418 (14021809)
406903.07 3747880.50 0.06433 (14120316) 406912.25
3747880.50 0.07830 (14120316)
406921.44 3747880.50 0.09193 (14120316) 406930.63
3747880.50 0.10417 (14120316)
406939.81 3747880.50 0.11405 (14120316) 406949.00
3747880.50 0.12084 (14120316)
406958.18 3747880.50 0.12406 (14120316) 406967.37
3747880.50 0.12360 (14120316)
406976.55 3747880.50 0.11967 (14120316) 406985.74
3747880.50 0.11276 (14120316)
406867.11 3747882.02 0.06087 (14021809) 406858.71
3747878.54 0.05944 (14021809)
406850.31 3747875.06 0.05655 (14021809) 406841.92
3747871.58 0.05242 (14021809)
406833.52 3747868.10 0.05075 (15021709) 406825.12
3747864.62 0.05311 (15021709)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406816.72	3747861.14	0.05421	(15021709)	406804.85	3747849.26	0.05637	(15021709)
406801.37	3747840.86	0.05743	(15021709)	406797.89	3747832.46	0.05710	(15021709)
406794.42	3747824.06	0.05534	(15021709)	406790.94	3747815.66	0.05218	(15021709)
406787.46	3747807.26	0.05897	(13121916)	406783.99	3747798.87	0.06909	(13121916)
406875.51	3747885.50	0.06073	(14021809)	406884.70	3747885.50	0.06132	(14021809)
406893.88	3747885.50	0.06042	(14021809)	406903.07	3747885.50	0.06066	(14120316)
406912.25	3747885.50	0.07366	(14120316)	406921.44			

3747885.50 0.08637 (14120316)
406930.63 3747885.50 0.09787 (14120316) 406939.81
3747885.50 0.10728 (14120316)
406949.00 3747885.50 0.11391 (14120316) 406958.18
3747885.50 0.11732 (14120316)
406967.37 3747885.50 0.11737 (14120316) 406976.55
3747885.50 0.11419 (14120316)
406985.74 3747885.50 0.10820 (14120316) 406867.65
3747887.24 0.05822 (14021809)
406859.79 3747883.99 0.05738 (14021809) 406851.94
3747880.73 0.05533 (14021809)
406844.08 3747877.48 0.05217 (14021809) 406836.22
3747874.22 0.04813 (14021809)
406828.36 3747870.97 0.04896 (15021709) 406820.50
3747867.71 0.05085 (15021709)
406812.64 3747864.45 0.05172 (15021709) 406801.53
3747853.34 0.05364 (15021709)
406798.28 3747845.48 0.05472 (15021709) 406795.03
3747837.62 0.05468 (15021709)
406791.77 3747829.76 0.05348 (15021709) 406788.52
3747821.90 0.05114 (15021709)
406785.27 3747814.04 0.05015 (13121916) 406782.02
3747806.18 0.05939 (13121916)
406778.76 3747798.32 0.06812 (13121916) 406875.51
3747890.50 0.05777 (14021809)
406884.70 3747890.50 0.05803 (14021809) 406893.88
3747890.50 0.05692 (14021809)
406903.07 3747890.50 0.05729 (14120316) 406912.25
3747890.50 0.06939 (14120316)
406921.44 3747890.50 0.08128 (14120316) 406930.63
3747890.50 0.09209 (14120316)
406939.81 3747890.50 0.10105 (14120316) 406949.00
3747890.50 0.10752 (14120316)
406958.18 3747890.50 0.11107 (14120316) 406967.37
3747890.50 0.11153 (14120316)
406976.55 3747890.50 0.10901 (14120316) 406985.74
3747890.50 0.10384 (14120316)
406875.51 3747790.50 0.18115 (15021709) 406985.74
3747790.50 0.22457 (14120316)
406985.76 3747680.27 0.18702 (15122816) 406875.55
3747680.27 0.20498 (13112916)

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01574 AT (406939.81, 3747795.50, 29.00, 29.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.01545 AT (406930.63, 3747795.50, 29.00,		

29.00,   0.00) DC
3RD HIGHEST VALUE IS   0.01530 AT (406949.00, 3747795.50,   29.00,
29.00,   0.00) DC
4TH HIGHEST VALUE IS   0.01444 AT (406921.44, 3747795.50,   29.00,
29.00,   0.00) DC
5TH HIGHEST VALUE IS   0.01429 AT (406958.18, 3747795.50,   29.00,
29.00,   0.00) DC
6TH HIGHEST VALUE IS   0.01398 AT (406990.75, 3747744.57,   29.00,
29.00,   0.00) DC
7TH HIGHEST VALUE IS   0.01387 AT (406990.75, 3747753.76,   29.00,
29.00,   0.00) DC
8TH HIGHEST VALUE IS   0.01365 AT (406939.81, 3747800.50,   29.00,
29.00,   0.00) DC
9TH HIGHEST VALUE IS   0.01341 AT (406949.00, 3747800.50,   29.00,
29.00,   0.00) DC
10TH HIGHEST VALUE IS   0.01333 AT (406930.63, 3747800.50,   29.00,
29.00,   0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR
FF *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons ***   06/27/23
*** AERMET - VERSION 16216 ***
***   ***   15:39:57

                     PAGE 70
*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

                                        *** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

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

```
A Total of            2 Warning Message(s)
A Total of         2285 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of         1588 Calm Hours Identified

A Total of          697 Missing Hours Identified (  1.59 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186    1752       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1752       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 4ac\14635 Cons
4ac.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT CONC FLAT
   AVERTIME 1 PERIOD
   URBANOPT 3010232 Orange_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 Cons 4ac.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     406930.700  3747735.370          0.0
** Source Parameters **
   SRCPARAM VOL1         0.00058388     5.000    29.588     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
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**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 0
** ----------
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** ----------
   DISCCART    406999.25   3747798.89
   DISCCART    406999.26   3747789.11
   DISCCART    406999.27   3747779.33
   DISCCART    406999.28   3747769.56
   DISCCART    406999.29   3747759.78
   DISCCART    406999.30   3747750.01
   DISCCART    406999.31   3747740.23
   DISCCART    406999.32   3747730.46
   DISCCART    406999.33   3747720.68
   DISCCART    406999.34   3747710.91
   DISCCART    406999.35   3747701.13
   DISCCART    406999.36   3747691.36
   DISCCART    406999.37   3747681.58
   DISCCART    406999.38   3747671.81
   DISCCART    407004.25   3747798.89
   DISCCART    407004.26   3747789.11
   DISCCART    407004.27   3747779.34
   DISCCART    407004.28   3747769.56
   DISCCART    407004.29   3747759.79
   DISCCART    407004.30   3747750.01
   DISCCART    407004.31   3747740.24
   DISCCART    407004.32   3747730.46
   DISCCART    407004.33   3747720.69
   DISCCART    407004.34   3747710.91
   DISCCART    407004.35   3747701.14
   DISCCART    407004.36   3747691.36
   DISCCART    407004.37   3747681.59
   DISCCART    407004.38   3747671.81
   DISCCART    407007.05   3747804.19
   DISCCART    406999.56   3747811.68
   DISCCART    407009.25   3747798.90
   DISCCART    407009.26   3747789.12
   DISCCART    407009.27   3747779.34
   DISCCART    407009.28   3747769.57
   DISCCART    407009.29   3747759.79
   DISCCART    407009.30   3747750.02
   DISCCART    407009.31   3747740.24
   DISCCART    407009.32   3747730.47
   DISCCART    407009.33   3747720.69
   DISCCART    407009.34   3747710.92
   DISCCART    407009.35   3747701.14
   DISCCART    407009.36   3747691.37
   DISCCART    407009.37   3747681.59
   DISCCART    407009.38   3747671.82
   DISCCART    407011.32   3747805.96
   DISCCART    407001.33   3747815.95
   DISCCART    407014.25   3747798.90
   DISCCART    407014.26   3747789.13
   DISCCART    407014.27   3747779.35
   DISCCART    407014.28   3747769.57
   DISCCART    407014.29   3747759.80
   DISCCART    407014.30   3747750.02
   DISCCART    407014.31   3747740.25
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DISCCART	407014.32	3747730.47
DISCCART	407014.33	3747720.70
DISCCART	407014.34	3747710.92
DISCCART	407014.35	3747701.15
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DISCCART	407014.37	3747681.60
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DISCCART	407015.59	3747807.73
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DISCCART	407019.28	3747769.58
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DISCCART	407019.30	3747750.03
DISCCART	407019.31	3747740.25
DISCCART	407019.32	3747730.48
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DISCCART	407019.34	3747710.93
DISCCART	407019.35	3747701.15
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DISCCART	407019.38	3747671.83
DISCCART	407021.32	3747805.97
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DISCCART	407008.40	3747823.02
DISCCART	407001.34	3747825.95
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DISCCART	407024.26	3747789.14
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DISCCART	407024.28	3747769.58
DISCCART	407024.29	3747759.81
DISCCART	407024.30	3747750.03
DISCCART	407024.31	3747740.26
DISCCART	407024.32	3747730.48
DISCCART	407024.33	3747720.71
DISCCART	407024.34	3747710.93
DISCCART	407024.35	3747701.16
DISCCART	407024.36	3747691.38
DISCCART	407024.37	3747681.61
DISCCART	407024.38	3747671.83
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DISCCART	407029.26	3747789.14
DISCCART	407029.27	3747779.37
DISCCART	407029.28	3747769.59
DISCCART	407029.29	3747759.81
DISCCART	407029.30	3747750.04
DISCCART	407029.31	3747740.26
DISCCART	407029.32	3747730.49
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DISCCART	407029.34	3747710.94
DISCCART	407029.35	3747701.16
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DISCCART	407029.37	3747681.61
DISCCART	407029.38	3747671.84
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DISCCART	407028.39	3747813.04
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DISCCART	407034.29	3747759.82
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DISCCART	407034.32	3747730.49
DISCCART	407034.33	3747720.72
DISCCART	407034.34	3747710.94
DISCCART	407034.35	3747701.17
DISCCART	407034.36	3747691.39
DISCCART	407034.37	3747681.62
DISCCART	407034.38	3747671.84
DISCCART	407035.96	3747806.87
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DISCCART	407039.31	3747740.27
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DISCCART	407044.33	3747720.73
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DISCCART	407044.35	3747701.18
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DISCCART	407049.29	3747759.83

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DISCCART	407049.31	3747740.28
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DISCCART	407049.35	3747701.18
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DISCCART	407064.28	3747769.63
DISCCART	407064.29	3747759.85
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DISCCART	407064.31	3747740.30
DISCCART	407064.32	3747730.52
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DISCCART	407064.34	3747710.97
DISCCART	407064.35	3747701.20
DISCCART	407064.36	3747691.42
DISCCART	407064.37	3747681.65
DISCCART	407064.38	3747671.87
DISCCART	407065.59	3747807.78
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DISCCART	407054.17	3747847.38
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DISCCART	407074.35	3747701.21
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DISCCART	407074.37	3747681.66
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DISCCART	407079.35	3747701.21
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DISCCART	407071.86	3747840.90
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DISCCART	407089.25	3747798.98
DISCCART	407089.26	3747789.20

DISCCART	407089.27	3747779.43
DISCCART	407089.28	3747769.65
DISCCART	407089.29	3747759.88
DISCCART	407089.30	3747750.10
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DISCCART	407089.33	3747720.77
DISCCART	407089.34	3747711.00
DISCCART	407089.35	3747701.22
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DISCCART	407089.38	3747671.90
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DISCCART	407086.93	3747816.63
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DISCCART	407056.14	3747873.25
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DISCCART	407094.31	3747740.33
DISCCART	407094.32	3747730.55
DISCCART	407094.33	3747720.78
DISCCART	407094.34	3747711.00
DISCCART	407094.35	3747701.23
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DISCCART	407094.37	3747681.68
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DISCCART	406974.79	3747666.78
DISCCART	406965.00	3747666.77
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DISCCART	406945.40	3747666.75
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DISCCART	406925.81	3747666.73
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DISCCART	406906.22	3747666.71
DISCCART	406896.42	3747666.70
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DISCCART	406935.61	3747661.74
DISCCART	406925.82	3747661.73
DISCCART	406916.02	3747661.72
DISCCART	406906.22	3747661.71
DISCCART	406896.43	3747661.70
DISCCART	406886.63	3747661.69

DISCCART	406876.84	3747661.68
DISCCART	406867.04	3747661.67
DISCCART	406999.70	3747659.00
DISCCART	407007.19	3747666.51
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DISCCART	406916.03	3747656.72
DISCCART	406906.23	3747656.71
DISCCART	406896.43	3747656.70
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DISCCART	406820.70	3747807.86
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DISCCART	406876.87	3747849.01
DISCCART	406886.66	3747849.00
DISCCART	406896.44	3747848.99
DISCCART	406906.23	3747848.98
DISCCART	406916.02	3747848.97
DISCCART	406925.80	3747848.96
DISCCART	406935.59	3747848.94
DISCCART	406945.37	3747848.93
DISCCART	406955.16	3747848.92
DISCCART	406964.95	3747848.91
DISCCART	406974.73	3747848.90
DISCCART	406984.52	3747848.89

DISCCART	406994.31	3747848.88
DISCCART	406859.30	3747850.80
DISCCART	406851.52	3747847.58
DISCCART	406843.73	3747844.37
DISCCART	406835.95	3747841.15
DISCCART	406824.93	3747830.15
DISCCART	406821.71	3747822.37
DISCCART	406818.48	3747814.58
DISCCART	406815.26	3747806.80
DISCCART	406867.09	3747854.02
DISCCART	406876.88	3747854.01
DISCCART	406886.66	3747854.00
DISCCART	406896.45	3747853.99
DISCCART	406906.24	3747853.98
DISCCART	406916.02	3747853.97
DISCCART	406925.81	3747853.96
DISCCART	406935.59	3747853.94
DISCCART	406945.38	3747853.93
DISCCART	406955.17	3747853.92
DISCCART	406964.95	3747853.91
DISCCART	406974.74	3747853.90
DISCCART	406984.52	3747853.89
DISCCART	406994.31	3747853.88
DISCCART	406858.60	3747855.51
DISCCART	406850.11	3747852.00
DISCCART	406841.61	3747848.49
DISCCART	406833.12	3747844.98
DISCCART	406821.11	3747832.98
DISCCART	406817.59	3747824.49
DISCCART	406814.07	3747816.00
DISCCART	406810.55	3747807.51
DISCCART	406867.10	3747859.02
DISCCART	406876.88	3747859.01
DISCCART	406886.67	3747859.00
DISCCART	406896.45	3747858.99
DISCCART	406906.24	3747858.98
DISCCART	406916.03	3747858.97
DISCCART	406925.81	3747858.96
DISCCART	406935.60	3747858.94
DISCCART	406945.39	3747858.93
DISCCART	406955.17	3747858.92
DISCCART	406964.96	3747858.91
DISCCART	406974.74	3747858.90
DISCCART	406984.53	3747858.89
DISCCART	406994.32	3747858.88
DISCCART	406859.43	3747860.85
DISCCART	406851.77	3747857.68
DISCCART	406844.10	3747854.51
DISCCART	406836.43	3747851.34
DISCCART	406828.76	3747848.18
DISCCART	406817.92	3747837.34
DISCCART	406814.74	3747829.68
DISCCART	406811.56	3747822.01
DISCCART	406808.38	3747814.35
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DISCCART	406886.67	3747864.00
DISCCART	406896.46	3747863.99
DISCCART	406906.25	3747863.98
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DISCCART	406925.82	3747863.96
DISCCART	406935.60	3747863.94
DISCCART	406945.39	3747863.93
DISCCART	406955.18	3747863.92
DISCCART	406964.96	3747863.91

DISCCART	406974.75	3747863.90
DISCCART	406984.54	3747863.89
DISCCART	406994.32	3747863.88
DISCCART	406858.85	3747865.61
DISCCART	406850.59	3747862.19
DISCCART	406842.33	3747858.78
DISCCART	406834.08	3747855.37
DISCCART	406825.82	3747851.96
DISCCART	406814.14	3747840.29
DISCCART	406810.72	3747832.04
DISCCART	406807.29	3747823.78
DISCCART	406803.87	3747815.53
DISCCART	406800.45	3747807.27
DISCCART	406867.11	3747869.02
DISCCART	406876.89	3747869.01
DISCCART	406886.68	3747869.00
DISCCART	406896.47	3747868.99
DISCCART	406906.25	3747868.98
DISCCART	406916.04	3747868.97
DISCCART	406925.82	3747868.96
DISCCART	406935.61	3747868.94
DISCCART	406945.40	3747868.93
DISCCART	406955.18	3747868.92
DISCCART	406964.97	3747868.91
DISCCART	406974.75	3747868.90
DISCCART	406984.54	3747868.89
DISCCART	406994.33	3747868.88
DISCCART	406858.26	3747870.36
DISCCART	406849.42	3747866.71
DISCCART	406840.57	3747863.05
DISCCART	406831.72	3747859.39
DISCCART	406822.87	3747855.74
DISCCART	406810.36	3747843.24
DISCCART	406806.69	3747834.39
DISCCART	406803.03	3747825.55
DISCCART	406799.36	3747816.71
DISCCART	406795.70	3747807.86
DISCCART	406867.11	3747874.02
DISCCART	406876.90	3747874.01
DISCCART	406886.68	3747874.00
DISCCART	406896.47	3747873.99
DISCCART	406906.26	3747873.98
DISCCART	406916.04	3747873.97
DISCCART	406925.83	3747873.96
DISCCART	406935.62	3747873.94
DISCCART	406945.40	3747873.93
DISCCART	406955.19	3747873.92
DISCCART	406964.97	3747873.91
DISCCART	406974.76	3747873.90
DISCCART	406984.55	3747873.89
DISCCART	406994.33	3747873.88
DISCCART	406859.03	3747875.68
DISCCART	406850.94	3747872.33
DISCCART	406842.85	3747868.99
DISCCART	406834.76	3747865.65
DISCCART	406826.67	3747862.31
DISCCART	406818.58	3747858.96
DISCCART	406807.14	3747847.53
DISCCART	406803.79	3747839.45
DISCCART	406800.44	3747831.36
DISCCART	406797.09	3747823.28
DISCCART	406793.73	3747815.19
DISCCART	406790.38	3747807.11
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DISCCART	406876.90	3747879.01
DISCCART	406886.69	3747879.00

DISCCART	406896.48	3747878.99
DISCCART	406906.26	3747878.98
DISCCART	406916.05	3747878.97
DISCCART	406925.83	3747878.96
DISCCART	406935.62	3747878.94
DISCCART	406945.41	3747878.93
DISCCART	406955.19	3747878.92
DISCCART	406964.98	3747878.91
DISCCART	406974.77	3747878.90
DISCCART	406984.55	3747878.89
DISCCART	406994.34	3747878.88
DISCCART	406858.53	3747880.47
DISCCART	406849.93	3747876.92
DISCCART	406841.34	3747873.36
DISCCART	406824.15	3747866.26
DISCCART	406815.55	3747862.71
DISCCART	406803.40	3747850.57
DISCCART	406799.84	3747841.98
DISCCART	406796.28	3747833.38
DISCCART	406792.71	3747824.79
DISCCART	406789.15	3747816.20
DISCCART	406785.59	3747807.61
DISCCART	406867.12	3747884.02
DISCCART	406876.91	3747884.01
DISCCART	406886.70	3747884.00
DISCCART	406896.48	3747883.99
DISCCART	406906.27	3747883.98
DISCCART	406916.05	3747883.97
DISCCART	406925.84	3747883.96
DISCCART	406935.63	3747883.94
DISCCART	406945.41	3747883.93
DISCCART	406955.20	3747883.92
DISCCART	406964.99	3747883.91
DISCCART	406974.77	3747883.90
DISCCART	406984.56	3747883.89
DISCCART	406994.34	3747883.88
DISCCART	406859.17	3747885.73
DISCCART	406851.20	3747882.44
DISCCART	406843.24	3747879.15
DISCCART	406835.28	3747875.86
DISCCART	406827.31	3747872.57
DISCCART	406819.35	3747869.28
DISCCART	406811.39	3747865.99
DISCCART	406800.13	3747854.74
DISCCART	406796.83	3747846.78
DISCCART	406793.53	3747838.82
DISCCART	406790.23	3747830.86
DISCCART	406786.93	3747822.90
DISCCART	406783.63	3747814.94
DISCCART	406780.33	3747806.98
DISCCART	406867.13	3747889.02
DISCCART	406876.92	3747889.01
DISCCART	406886.70	3747889.00
DISCCART	406896.49	3747888.99
DISCCART	406906.27	3747888.98
DISCCART	406916.06	3747888.97
DISCCART	406925.85	3747888.96
DISCCART	406935.63	3747888.94
DISCCART	406945.42	3747888.93
DISCCART	406955.20	3747888.92
DISCCART	406964.99	3747888.91
DISCCART	406974.78	3747888.90
DISCCART	406984.56	3747888.89
DISCCART	406994.35	3747888.88
DISCCART	406858.73	3747890.55
DISCCART	406850.32	3747887.07

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   DISCCART    406833.51   3747880.13
   DISCCART    406825.11   3747876.65
   DISCCART    406816.70   3747873.18
   DISCCART    406808.30   3747869.71
   DISCCART    406796.41   3747857.83
   DISCCART    406792.93   3747849.43
   DISCCART    406789.44   3747841.03
   DISCCART    406785.96   3747832.63
   DISCCART    406782.48   3747824.22
   DISCCART    406779.00   3747815.82
   DISCCART    406775.51   3747807.42
   DISCCART    406867.13   3747894.02
   DISCCART    406876.92   3747894.01
   DISCCART    406886.71   3747894.00
   DISCCART    406896.49   3747893.99
   DISCCART    406906.28   3747893.98
   DISCCART    406916.07   3747893.97
   DISCCART    406925.85   3747893.96
   DISCCART    406935.64   3747893.94
   DISCCART    406945.42   3747893.93
   DISCCART    406955.21   3747893.92
   DISCCART    406965.00   3747893.91
   DISCCART    406974.78   3747893.90
   DISCCART    406984.57   3747893.89
   DISCCART    406994.35   3747893.88
   DISCCART    406858.29   3747895.36
   DISCCART    406849.44   3747891.71
   DISCCART    406840.60   3747888.05
   DISCCART    406831.75   3747884.39
   DISCCART    406822.90   3747880.74
   DISCCART    406814.05   3747877.08
   DISCCART    406805.21   3747873.43
   DISCCART    406792.69   3747860.93
   DISCCART    406789.03   3747852.08
   DISCCART    406785.36   3747843.24
   DISCCART    406781.69   3747834.39
   DISCCART    406778.03   3747825.55
   DISCCART    406774.36   3747816.71
   DISCCART    406770.70   3747807.86
   DISCCART    406867.14   3747899.02
   DISCCART    406876.93   3747899.01
   DISCCART    406886.71   3747899.00
   DISCCART    406896.50   3747898.99
   DISCCART    406906.28   3747898.98
   DISCCART    406916.07   3747898.97
   DISCCART    406925.86   3747898.96
   DISCCART    406935.64   3747898.94
   DISCCART    406945.43   3747898.93
   DISCCART    406955.22   3747898.92
   DISCCART    406965.00   3747898.91
   DISCCART    406974.79   3747898.90
   DISCCART    406984.57   3747898.89
   DISCCART    406994.36   3747898.88
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    406867.03   3747799.02
   DISCCART    406994.25   3747798.88
   DISCCART    406994.38   3747671.80
   DISCCART    406867.03   3747671.67
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
```

```
**************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "14635 CONS 4AC.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "14635 CONS 4AC.AD\PE00GALL.PLT" 32
   SUMMFILE "14635 Cons 4ac.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    1790       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1790       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:58:07

                      PAGE   1
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
```

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     * Stack-tip Downwash.
     * Model Assumes Receptors on FLAT Terrain.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and    1694 Receptor(s)

               with:       0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                and:       1 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:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD 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) =    29.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate
                 Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 Cons
 4ac.err
 **File for Summary of Results:   14635 Cons
 4ac.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
VOL1	0	0.58388E-03	406930.7	3747735.4	29.0	5.00	29.59	1.40

YES HRDOW

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
3010232.	VOL1 ,	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406999.2, 3747798.9, 29.0, 29.0, 0.0); (406999.3, 3747789.1, 29.0, 29.0, 0.0);
(406999.3, 3747779.3, 29.0, 29.0, 0.0); (406999.3, 3747769.6, 29.0, 29.0, 0.0);
(406999.3, 3747759.8, 29.0, 29.0, 0.0); (406999.3, 3747750.0, 29.0, 29.0, 0.0);
(406999.3, 3747740.2, 29.0, 29.0, 0.0); (406999.3, 3747730.5, 29.0, 29.0, 0.0);
(406999.3, 3747720.7, 29.0, 29.0, 0.0); (406999.3, 3747710.9, 29.0, 29.0, 0.0);
(406999.3, 3747701.1, 29.0, 29.0, 0.0); (406999.4, 3747691.4, 29.0, 29.0, 0.0);
(406999.4, 3747681.6, 29.0, 29.0, 0.0); (406999.4, 3747671.8, 29.0, 29.0, 0.0);
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(407004.3, 3747779.3, 29.0, 29.0, 0.0); (407004.3, 3747769.6, 29.0, 29.0, 0.0);
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(407009.3, 3747701.1, 29.0, 29.0, 0.0); (407009.4,
3747691.4, 29.0, 29.0, 0.0);
(407009.4, 3747681.6, 29.0, 29.0, 0.0); (407009.4,
3747671.8, 29.0, 29.0, 0.0);
(407011.3, 3747806.0, 29.0, 29.0, 0.0); (407001.3,
3747815.9, 29.0, 29.0, 0.0);
(407014.2, 3747798.9, 29.0, 29.0, 0.0); (407014.3,
3747789.1, 29.0, 29.0, 0.0);
(407014.3, 3747779.3, 29.0, 29.0, 0.0); (407014.3,
3747769.6, 29.0, 29.0, 0.0);
(407014.3, 3747759.8, 29.0, 29.0, 0.0); (407014.3,
3747750.0, 29.0, 29.0, 0.0);
(407014.3, 3747740.2, 29.0, 29.0, 0.0); (407014.3,
3747730.5, 29.0, 29.0, 0.0);
(407014.3, 3747720.7, 29.0, 29.0, 0.0); (407014.3,
3747710.9, 29.0, 29.0, 0.0);
(407014.3, 3747701.1, 29.0, 29.0, 0.0); (407014.4,
3747691.4, 29.0, 29.0, 0.0);
(407014.4, 3747681.6, 29.0, 29.0, 0.0); (407014.4,
3747671.8, 29.0, 29.0, 0.0);
(407015.6, 3747807.7, 29.0, 29.0, 0.0); (407003.1,
3747820.2, 29.0, 29.0, 0.0);
(407019.2, 3747798.9, 29.0, 29.0, 0.0); (407019.3,
3747789.1, 29.0, 29.0, 0.0);
(407019.3, 3747779.3, 29.0, 29.0, 0.0); (407019.3,
3747769.6, 29.0, 29.0, 0.0);
(407019.3, 3747759.8, 29.0, 29.0, 0.0); (407019.3,
3747750.0, 29.0, 29.0, 0.0);
(407019.3, 3747740.2, 29.0, 29.0, 0.0); (407019.3,
3747730.5, 29.0, 29.0, 0.0);
(407019.3, 3747720.7, 29.0, 29.0, 0.0); (407019.3,
3747710.9, 29.0, 29.0, 0.0);
(407019.3, 3747701.1, 29.0, 29.0, 0.0); (407019.4,
3747691.4, 29.0, 29.0, 0.0);
(407019.4, 3747681.6, 29.0, 29.0, 0.0); (407019.4,
3747671.8, 29.0, 29.0, 0.0);
(407021.3, 3747806.0, 29.0, 29.0, 0.0); (407018.4,
3747813.0, 29.0, 29.0, 0.0);
(407008.4, 3747823.0, 29.0, 29.0, 0.0); (407001.3,
3747825.9, 29.0, 29.0, 0.0);
(407024.2, 3747798.9, 29.0, 29.0, 0.0); (407024.3,
3747789.1, 29.0, 29.0, 0.0);
(407024.3, 3747779.4, 29.0, 29.0, 0.0); (407024.3,
3747769.6, 29.0, 29.0, 0.0);
(407024.3, 3747759.8, 29.0, 29.0, 0.0); (407024.3,
3747750.0, 29.0, 29.0, 0.0);
(407024.3, 3747740.3, 29.0, 29.0, 0.0); (407024.3,
3747730.5, 29.0, 29.0, 0.0);
(407024.3, 3747720.7, 29.0, 29.0, 0.0); (407024.3,
3747710.9, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407024.3, 3747701.2, 29.0, 29.0, 0.0); (407024.4, 3747691.4, 29.0, 29.0, 0.0);
(407024.4, 3747681.6, 29.0, 29.0, 0.0); (407024.4, 3747671.8, 29.0, 29.0, 0.0);
(407025.8, 3747807.1, 29.0, 29.0, 0.0); (407022.4, 3747815.4, 29.0, 29.0, 0.0);
(407010.8, 3747827.0, 29.0, 29.0, 0.0); (407002.5, 3747830.5, 29.0, 29.0, 0.0);
(407029.2, 3747798.9, 29.0, 29.0, 0.0); (407029.3, 3747789.1, 29.0, 29.0, 0.0);
(407029.3, 3747779.4, 29.0, 29.0, 0.0); (407029.3, 3747769.6, 29.0, 29.0, 0.0);
(407029.3, 3747759.8, 29.0, 29.0, 0.0); (407029.3, 3747750.0, 29.0, 29.0, 0.0);
(407029.3, 3747740.3, 29.0, 29.0, 0.0); (407029.3, 3747730.5, 29.0, 29.0, 0.0);
(407029.3, 3747720.7, 29.0, 29.0, 0.0); (407029.3, 3747710.9, 29.0, 29.0, 0.0);
(407029.3, 3747701.2, 29.0, 29.0, 0.0); (407029.4, 3747691.4, 29.0, 29.0, 0.0);
(407029.4, 3747681.6, 29.0, 29.0, 0.0); (407029.4, 3747671.8, 29.0, 29.0, 0.0);
(407031.3, 3747806.0, 29.0, 29.0, 0.0); (407028.4, 3747813.0, 29.0, 29.0, 0.0);
(407025.5, 3747820.1, 29.0, 29.0, 0.0); (407015.5, 3747830.1, 29.0, 29.0, 0.0);
(407008.4, 3747833.0, 29.0, 29.0, 0.0); (407001.3, 3747835.9, 29.0, 29.0, 0.0);
(407034.2, 3747798.9, 29.0, 29.0, 0.0); (407034.3, 3747789.1, 29.0, 29.0, 0.0);
(407034.3, 3747779.4, 29.0, 29.0, 0.0); (407034.3, 3747769.6, 29.0, 29.0, 0.0);
(407034.3, 3747759.8, 29.0, 29.0, 0.0); (407034.3, 3747750.0, 29.0, 29.0, 0.0);
(407034.3, 3747740.3, 29.0, 29.0, 0.0); (407034.3, 3747730.5, 29.0, 29.0, 0.0);
(407034.3, 3747720.7, 29.0, 29.0, 0.0); (407034.3, 3747710.9, 29.0, 29.0, 0.0);
(407034.3, 3747701.2, 29.0, 29.0, 0.0); (407034.4, 3747691.4, 29.0, 29.0, 0.0);
(407034.4, 3747681.6, 29.0, 29.0, 0.0); (407034.4, 3747671.8, 29.0, 29.0, 0.0);
(407036.0, 3747806.9, 29.0, 29.0, 0.0); (407032.7, 3747814.8, 29.0, 29.0, 0.0);
(407029.4, 3747822.8, 29.0, 29.0, 0.0); (407018.1, 3747834.0, 29.0, 29.0, 0.0);
(407010.2, 3747837.3, 29.0, 29.0, 0.0); (407002.2, 3747840.6, 29.0, 29.0, 0.0);
(407039.2, 3747798.9, 29.0, 29.0, 0.0); (407039.3, 3747789.1, 29.0, 29.0, 0.0);
(407039.3, 3747779.4, 29.0, 29.0, 0.0); (407039.3, 3747769.6, 29.0, 29.0, 0.0);
(407039.3, 3747759.8, 29.0, 29.0, 0.0); (407039.3, 3747750.0, 29.0, 29.0, 0.0);
(407039.3, 3747740.3, 29.0, 29.0, 0.0); (407039.3, 3747730.5, 29.0, 29.0, 0.0);
(407039.3, 3747720.7, 29.0, 29.0, 0.0); (407039.3, 3747710.9, 29.0, 29.0, 0.0);
(407039.3, 3747701.2, 29.0, 29.0, 0.0); (407039.4, 3747691.4, 29.0, 29.0, 0.0);
(407039.4, 3747681.6, 29.0, 29.0, 0.0); (407039.4, 3747671.8, 29.0, 29.0, 0.0);

(407040.6, 3747807.8, 29.0, 29.0, 0.0); (407036.9,
3747816.6, 29.0, 29.0, 0.0);
(407033.3, 3747825.4, 29.0, 29.0, 0.0); (407020.8,
3747837.9, 29.0, 29.0, 0.0);
(407012.0, 3747841.6, 29.0, 29.0, 0.0); (407003.1,
3747845.2, 29.0, 29.0, 0.0);
(407044.2, 3747798.9, 29.0, 29.0, 0.0); (407044.3,
3747789.2, 29.0, 29.0, 0.0);
(407044.3, 3747779.4, 29.0, 29.0, 0.0); (407044.3,
3747769.6, 29.0, 29.0, 0.0);
(407044.3, 3747759.8, 29.0, 29.0, 0.0); (407044.3,
3747750.0, 29.0, 29.0, 0.0);
(407044.3, 3747740.3, 29.0, 29.0, 0.0); (407044.3,
3747730.5, 29.0, 29.0, 0.0);
(407044.3, 3747720.7, 29.0, 29.0, 0.0); (407044.3,
3747710.9, 29.0, 29.0, 0.0);
(407044.3, 3747701.2, 29.0, 29.0, 0.0); (407044.4,
3747691.4, 29.0, 29.0, 0.0);
(407044.4, 3747681.6, 29.0, 29.0, 0.0); (407044.4,
3747671.8, 29.0, 29.0, 0.0);
(407046.0, 3747806.7, 29.0, 29.0, 0.0); (407042.8,
3747814.5, 29.0, 29.0, 0.0);
(407039.6, 3747822.2, 29.0, 29.0, 0.0); (407036.4,
3747830.0, 29.0, 29.0, 0.0);
(407025.4, 3747841.0, 29.0, 29.0, 0.0); (407017.6,
3747844.2, 29.0, 29.0, 0.0);
(407009.8, 3747847.4, 29.0, 29.0, 0.0); (407002.1,
3747850.7, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407049.2, 3747798.9, 29.0, 29.0, 0.0); (407049.3,
3747789.2, 29.0, 29.0, 0.0);
(407049.3, 3747779.4, 29.0, 29.0, 0.0); (407049.3,
3747769.6, 29.0, 29.0, 0.0);
(407049.3, 3747759.8, 29.0, 29.0, 0.0); (407049.3,
3747750.1, 29.0, 29.0, 0.0);
(407049.3, 3747740.3, 29.0, 29.0, 0.0); (407049.3,
3747730.5, 29.0, 29.0, 0.0);
(407049.3, 3747720.7, 29.0, 29.0, 0.0); (407049.3,
3747711.0, 29.0, 29.0, 0.0);
(407049.3, 3747701.2, 29.0, 29.0, 0.0); (407049.4,
3747691.4, 29.0, 29.0, 0.0);
(407049.4, 3747681.6, 29.0, 29.0, 0.0); (407049.4,
3747671.9, 29.0, 29.0, 0.0);
(407050.7, 3747807.4, 29.0, 29.0, 0.0); (407047.2,
3747815.9, 29.0, 29.0, 0.0);
(407043.7, 3747824.4, 29.0, 29.0, 0.0); (407040.2,
3747832.8, 29.0, 29.0, 0.0);
(407028.2, 3747844.8, 29.0, 29.0, 0.0); (407019.7,
3747848.3, 29.0, 29.0, 0.0);
(407002.8, 3747855.4, 29.0, 29.0, 0.0); (407054.2,
3747798.9, 29.0, 29.0, 0.0);
(407054.3, 3747789.2, 29.0, 29.0, 0.0); (407054.3,
3747779.4, 29.0, 29.0, 0.0);
(407054.3, 3747769.6, 29.0, 29.0, 0.0); (407054.3,
3747759.8, 29.0, 29.0, 0.0);

(407054.3, 3747750.1, 29.0, 29.0, 0.0); (407054.3,
3747740.3, 29.0, 29.0, 0.0);
(407054.3, 3747730.5, 29.0, 29.0, 0.0); (407054.3,
3747720.7, 29.0, 29.0, 0.0);
(407054.3, 3747711.0, 29.0, 29.0, 0.0); (407054.3,
3747701.2, 29.0, 29.0, 0.0);
(407054.4, 3747691.4, 29.0, 29.0, 0.0); (407054.4,
3747681.6, 29.0, 29.0, 0.0);
(407054.4, 3747671.9, 29.0, 29.0, 0.0); (407056.1,
3747806.6, 29.0, 29.0, 0.0);
(407052.9, 3747814.2, 29.0, 29.0, 0.0); (407049.7,
3747821.9, 29.0, 29.0, 0.0);
(407046.6, 3747829.5, 29.0, 29.0, 0.0); (407043.4,
3747837.2, 29.0, 29.0, 0.0);
(407032.6, 3747848.0, 29.0, 29.0, 0.0); (407024.9,
3747851.2, 29.0, 29.0, 0.0);
(407017.3, 3747854.4, 29.0, 29.0, 0.0); (407009.6,
3747857.5, 29.0, 29.0, 0.0);
(407002.0, 3747860.7, 29.0, 29.0, 0.0); (407059.2,
3747798.9, 29.0, 29.0, 0.0);
(407059.3, 3747789.2, 29.0, 29.0, 0.0); (407059.3,
3747779.4, 29.0, 29.0, 0.0);
(407059.3, 3747769.6, 29.0, 29.0, 0.0); (407059.3,
3747759.8, 29.0, 29.0, 0.0);
(407059.3, 3747750.1, 29.0, 29.0, 0.0); (407059.3,
3747740.3, 29.0, 29.0, 0.0);
(407059.3, 3747730.5, 29.0, 29.0, 0.0); (407059.3,
3747720.7, 29.0, 29.0, 0.0);
(407059.3, 3747711.0, 29.0, 29.0, 0.0); (407059.3,
3747701.2, 29.0, 29.0, 0.0);
(407059.4, 3747691.4, 29.0, 29.0, 0.0); (407059.4,
3747681.6, 29.0, 29.0, 0.0);
(407059.4, 3747671.9, 29.0, 29.0, 0.0); (407060.8,
3747807.2, 29.0, 29.0, 0.0);
(407057.4, 3747815.4, 29.0, 29.0, 0.0); (407054.0,
3747823.7, 29.0, 29.0, 0.0);
(407050.6, 3747831.9, 29.0, 29.0, 0.0); (407047.2,
3747840.1, 29.0, 29.0, 0.0);
(407035.5, 3747851.8, 29.0, 29.0, 0.0); (407027.3,
3747855.2, 29.0, 29.0, 0.0);
(407019.0, 3747858.6, 29.0, 29.0, 0.0); (407010.8,
3747862.0, 29.0, 29.0, 0.0);
(407002.6, 3747865.5, 29.0, 29.0, 0.0); (407064.2,
3747798.9, 29.0, 29.0, 0.0);
(407064.3, 3747789.2, 29.0, 29.0, 0.0); (407064.3,
3747779.4, 29.0, 29.0, 0.0);
(407064.3, 3747769.6, 29.0, 29.0, 0.0); (407064.3,
3747759.8, 29.0, 29.0, 0.0);
(407064.3, 3747750.1, 29.0, 29.0, 0.0); (407064.3,
3747740.3, 29.0, 29.0, 0.0);
(407064.3, 3747730.5, 29.0, 29.0, 0.0); (407064.3,
3747720.8, 29.0, 29.0, 0.0);
(407064.3, 3747711.0, 29.0, 29.0, 0.0); (407064.3,
3747701.2, 29.0, 29.0, 0.0);
(407064.4, 3747691.4, 29.0, 29.0, 0.0); (407064.4,
3747681.6, 29.0, 29.0, 0.0);
(407064.4, 3747671.9, 29.0, 29.0, 0.0); (407065.6,
3747807.8, 29.0, 29.0, 0.0);
(407061.9, 3747816.6, 29.0, 29.0, 0.0); (407058.3,
3747825.4, 29.0, 29.0, 0.0);
(407054.6, 3747834.3, 29.0, 29.0, 0.0); (407051.0,
3747843.1, 29.0, 29.0, 0.0);
(407038.5, 3747855.6, 29.0, 29.0, 0.0); (407029.6,
3747859.2, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407020.8, 3747862.9, 29.0, 29.0, 0.0); (407012.0, 3747866.6, 29.0, 29.0, 0.0);
(407003.2, 3747870.2, 29.0, 29.0, 0.0); (407069.2, 3747799.0, 29.0, 29.0, 0.0);
(407069.3, 3747789.2, 29.0, 29.0, 0.0); (407069.3, 3747779.4, 29.0, 29.0, 0.0);
(407069.3, 3747769.6, 29.0, 29.0, 0.0); (407069.3, 3747759.9, 29.0, 29.0, 0.0);
(407069.3, 3747750.1, 29.0, 29.0, 0.0); (407069.3, 3747740.3, 29.0, 29.0, 0.0);
(407069.3, 3747730.5, 29.0, 29.0, 0.0); (407069.3, 3747720.8, 29.0, 29.0, 0.0);
(407069.3, 3747711.0, 29.0, 29.0, 0.0); (407069.3, 3747701.2, 29.0, 29.0, 0.0);
(407069.4, 3747691.4, 29.0, 29.0, 0.0); (407069.4, 3747681.6, 29.0, 29.0, 0.0);
(407069.4, 3747671.9, 29.0, 29.0, 0.0); (407070.9, 3747807.0, 29.0, 29.0, 0.0);
(407067.6, 3747815.1, 29.0, 29.0, 0.0); (407064.2, 3747823.2, 29.0, 29.0, 0.0);
(407060.9, 3747831.2, 29.0, 29.0, 0.0); (407057.5, 3747839.3, 29.0, 29.0, 0.0);
(407054.2, 3747847.4, 29.0, 29.0, 0.0); (407042.8, 3747858.8, 29.0, 29.0, 0.0);
(407034.7, 3747862.1, 29.0, 29.0, 0.0); (407026.6, 3747865.5, 29.0, 29.0, 0.0);
(407018.5, 3747868.8, 29.0, 29.0, 0.0); (407010.5, 3747872.2, 29.0, 29.0, 0.0);
(407002.4, 3747875.5, 29.0, 29.0, 0.0); (407074.2, 3747799.0, 29.0, 29.0, 0.0);
(407074.3, 3747789.2, 29.0, 29.0, 0.0); (407074.3, 3747779.4, 29.0, 29.0, 0.0);
(407074.3, 3747769.6, 29.0, 29.0, 0.0); (407074.3, 3747759.9, 29.0, 29.0, 0.0);
(407074.3, 3747750.1, 29.0, 29.0, 0.0); (407074.3, 3747740.3, 29.0, 29.0, 0.0);
(407074.3, 3747730.5, 29.0, 29.0, 0.0); (407074.3, 3747720.8, 29.0, 29.0, 0.0);
(407074.3, 3747711.0, 29.0, 29.0, 0.0); (407074.3, 3747701.2, 29.0, 29.0, 0.0);
(407074.4, 3747691.4, 29.0, 29.0, 0.0); (407074.4, 3747681.7, 29.0, 29.0, 0.0);
(407074.4, 3747671.9, 29.0, 29.0, 0.0); (407075.7, 3747807.5, 29.0, 29.0, 0.0);
(407072.1, 3747816.1, 29.0, 29.0, 0.0); (407068.6, 3747824.7, 29.0, 29.0, 0.0);
(407065.0, 3747833.3, 29.0, 29.0, 0.0); (407061.5, 3747841.8, 29.0, 29.0, 0.0);
(407057.9, 3747850.4, 29.0, 29.0, 0.0); (407045.8, 3747862.5, 29.0, 29.0, 0.0);
(407037.2, 3747866.1, 29.0, 29.0, 0.0); (407028.6, 3747869.6, 29.0, 29.0, 0.0);
(407020.1, 3747873.2, 29.0, 29.0, 0.0); (407011.5, 3747876.8, 29.0, 29.0, 0.0);
(407002.9, 3747880.3, 29.0, 29.0, 0.0); (407079.2, 3747799.0, 29.0, 29.0, 0.0);

(407079.3, 3747789.2, 29.0, 29.0, 0.0); (407079.3,
3747779.4, 29.0, 29.0, 0.0);
(407079.3, 3747769.6, 29.0, 29.0, 0.0); (407079.3,
3747759.9, 29.0, 29.0, 0.0);
(407079.3, 3747750.1, 29.0, 29.0, 0.0); (407079.3,
3747740.3, 29.0, 29.0, 0.0);
(407079.3, 3747730.5, 29.0, 29.0, 0.0); (407079.3,
3747720.8, 29.0, 29.0, 0.0);
(407079.3, 3747711.0, 29.0, 29.0, 0.0); (407079.3,
3747701.2, 29.0, 29.0, 0.0);
(407079.4, 3747691.4, 29.0, 29.0, 0.0); (407079.4,
3747681.7, 29.0, 29.0, 0.0);
(407079.4, 3747671.9, 29.0, 29.0, 0.0); (407081.0,
3747806.9, 29.0, 29.0, 0.0);
(407077.7, 3747814.9, 29.0, 29.0, 0.0); (407074.4,
3747822.8, 29.0, 29.0, 0.0);
(407071.1, 3747830.7, 29.0, 29.0, 0.0); (407067.8,
3747838.7, 29.0, 29.0, 0.0);
(407064.5, 3747846.6, 29.0, 29.0, 0.0); (407061.2,
3747854.6, 29.0, 29.0, 0.0);
(407050.0, 3747865.8, 29.0, 29.0, 0.0); (407042.0,
3747869.1, 29.0, 29.0, 0.0);
(407034.1, 3747872.4, 29.0, 29.0, 0.0); (407026.1,
3747875.7, 29.0, 29.0, 0.0);
(407018.2, 3747879.0, 29.0, 29.0, 0.0); (407010.2,
3747882.3, 29.0, 29.0, 0.0);
(407002.3, 3747885.6, 29.0, 29.0, 0.0); (407084.2,
3747799.0, 29.0, 29.0, 0.0);
(407084.3, 3747789.2, 29.0, 29.0, 0.0); (407084.3,
3747779.4, 29.0, 29.0, 0.0);
(407084.3, 3747769.6, 29.0, 29.0, 0.0); (407084.3,
3747759.9, 29.0, 29.0, 0.0);
(407084.3, 3747750.1, 29.0, 29.0, 0.0); (407084.3,
3747740.3, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407084.3, 3747730.5, 29.0, 29.0, 0.0); (407084.3,
3747720.8, 29.0, 29.0, 0.0);
(407084.3, 3747711.0, 29.0, 29.0, 0.0); (407084.3,
3747701.2, 29.0, 29.0, 0.0);
(407084.4, 3747691.4, 29.0, 29.0, 0.0); (407084.4,
3747681.7, 29.0, 29.0, 0.0);
(407084.4, 3747671.9, 29.0, 29.0, 0.0); (407085.8,
3747807.4, 29.0, 29.0, 0.0);
(407082.3, 3747815.8, 29.0, 29.0, 0.0); (407078.8,
3747824.1, 29.0, 29.0, 0.0);
(407075.3, 3747832.5, 29.0, 29.0, 0.0); (407071.9,
3747840.9, 29.0, 29.0, 0.0);
(407068.4, 3747849.3, 29.0, 29.0, 0.0); (407064.9,
3747857.7, 29.0, 29.0, 0.0);
(407053.0, 3747869.5, 29.0, 29.0, 0.0); (407044.7,
3747873.0, 29.0, 29.0, 0.0);
(407036.3, 3747876.5, 29.0, 29.0, 0.0); (407027.9,
3747880.0, 29.0, 29.0, 0.0);
(407019.5, 3747883.4, 29.0, 29.0, 0.0); (407011.1,
3747886.9, 29.0, 29.0, 0.0);

(407002.7, 3747890.4, 29.0, 29.0, 0.0); (407089.2,
3747799.0, 29.0, 29.0, 0.0);
(407089.3, 3747789.2, 29.0, 29.0, 0.0); (407089.3,
3747779.4, 29.0, 29.0, 0.0);
(407089.3, 3747769.6, 29.0, 29.0, 0.0); (407089.3,
3747759.9, 29.0, 29.0, 0.0);
(407089.3, 3747750.1, 29.0, 29.0, 0.0); (407089.3,
3747740.3, 29.0, 29.0, 0.0);
(407089.3, 3747730.5, 29.0, 29.0, 0.0); (407089.3,
3747720.8, 29.0, 29.0, 0.0);
(407089.3, 3747711.0, 29.0, 29.0, 0.0); (407089.3,
3747701.2, 29.0, 29.0, 0.0);
(407089.4, 3747691.4, 29.0, 29.0, 0.0); (407089.4,
3747681.7, 29.0, 29.0, 0.0);
(407089.4, 3747671.9, 29.0, 29.0, 0.0); (407090.6,
3747807.8, 29.0, 29.0, 0.0);
(407086.9, 3747816.6, 29.0, 29.0, 0.0); (407083.3,
3747825.5, 29.0, 29.0, 0.0);
(407079.6, 3747834.3, 29.0, 29.0, 0.0); (407076.0,
3747843.1, 29.0, 29.0, 0.0);
(407072.3, 3747851.9, 29.0, 29.0, 0.0); (407068.6,
3747860.8, 29.0, 29.0, 0.0);
(407056.1, 3747873.2, 29.0, 29.0, 0.0); (407047.3,
3747876.9, 29.0, 29.0, 0.0);
(407038.5, 3747880.6, 29.0, 29.0, 0.0); (407029.7,
3747884.2, 29.0, 29.0, 0.0);
(407020.8, 3747887.9, 29.0, 29.0, 0.0); (407012.0,
3747891.6, 29.0, 29.0, 0.0);
(407003.2, 3747895.2, 29.0, 29.0, 0.0); (407094.2,
3747799.0, 29.0, 29.0, 0.0);
(407094.3, 3747789.2, 29.0, 29.0, 0.0); (407094.3,
3747779.4, 29.0, 29.0, 0.0);
(407094.3, 3747769.7, 29.0, 29.0, 0.0); (407094.3,
3747759.9, 29.0, 29.0, 0.0);
(407094.3, 3747750.1, 29.0, 29.0, 0.0); (407094.3,
3747740.3, 29.0, 29.0, 0.0);
(407094.3, 3747730.5, 29.0, 29.0, 0.0); (407094.3,
3747720.8, 29.0, 29.0, 0.0);
(407094.3, 3747711.0, 29.0, 29.0, 0.0); (407094.3,
3747701.2, 29.0, 29.0, 0.0);
(407094.4, 3747691.4, 29.0, 29.0, 0.0); (407094.4,
3747681.7, 29.0, 29.0, 0.0);
(407094.4, 3747671.9, 29.0, 29.0, 0.0); (406994.4,
3747666.8, 29.0, 29.0, 0.0);
(406984.6, 3747666.8, 29.0, 29.0, 0.0); (406974.8,
3747666.8, 29.0, 29.0, 0.0);
(406965.0, 3747666.8, 29.0, 29.0, 0.0); (406955.2,
3747666.8, 29.0, 29.0, 0.0);
(406945.4, 3747666.8, 29.0, 29.0, 0.0); (406935.6,
3747666.7, 29.0, 29.0, 0.0);
(406925.8, 3747666.7, 29.0, 29.0, 0.0); (406916.0,
3747666.7, 29.0, 29.0, 0.0);
(406906.2, 3747666.7, 29.0, 29.0, 0.0); (406896.4,
3747666.7, 29.0, 29.0, 0.0);
(406886.6, 3747666.7, 29.0, 29.0, 0.0); (406876.8,
3747666.7, 29.0, 29.0, 0.0);
(406867.0, 3747666.7, 29.0, 29.0, 0.0); (406994.4,
3747661.8, 29.0, 29.0, 0.0);
(406984.6, 3747661.8, 29.0, 29.0, 0.0); (406974.8,
3747661.8, 29.0, 29.0, 0.0);
(406965.0, 3747661.8, 29.0, 29.0, 0.0); (406955.2,
3747661.8, 29.0, 29.0, 0.0);
(406945.4, 3747661.8, 29.0, 29.0, 0.0); (406935.6,
3747661.7, 29.0, 29.0, 0.0);
(406925.8, 3747661.7, 29.0, 29.0, 0.0); (406916.0,
3747661.7, 29.0, 29.0, 0.0);

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

(406867.0, 3747661.7, 29.0, 29.0, 0.0); (406999.7, 3747659.0, 29.0, 29.0, 0.0);
(407007.2, 3747666.5, 29.0, 29.0, 0.0); (406994.4, 3747656.8, 29.0, 29.0, 0.0);
(406984.6, 3747656.8, 29.0, 29.0, 0.0); (406974.8, 3747656.8, 29.0, 29.0, 0.0);
(406965.0, 3747656.8, 29.0, 29.0, 0.0); (406955.2, 3747656.8, 29.0, 29.0, 0.0);
(406945.4, 3747656.8, 29.0, 29.0, 0.0); (406935.6, 3747656.7, 29.0, 29.0, 0.0);
(406925.8, 3747656.7, 29.0, 29.0, 0.0); (406916.0, 3747656.7, 29.0, 29.0, 0.0);
(406906.2, 3747656.7, 29.0, 29.0, 0.0); (406896.4, 3747656.7, 29.0, 29.0, 0.0);
(406886.6, 3747656.7, 29.0, 29.0, 0.0); (406876.8, 3747656.7, 29.0, 29.0, 0.0);
(406867.0, 3747656.7, 29.0, 29.0, 0.0); (407001.5, 3747654.7, 29.0, 29.0, 0.0);
(407011.5, 3747664.8, 29.0, 29.0, 0.0); (406994.4, 3747651.8, 29.0, 29.0, 0.0);
(406984.6, 3747651.8, 29.0, 29.0, 0.0); (406974.8, 3747651.8, 29.0, 29.0, 0.0);
(406965.0, 3747651.8, 29.0, 29.0, 0.0); (406955.2, 3747651.8, 29.0, 29.0, 0.0);
(406945.4, 3747651.8, 29.0, 29.0, 0.0); (406935.6, 3747651.7, 29.0, 29.0, 0.0);
(406925.8, 3747651.7, 29.0, 29.0, 0.0); (406916.0, 3747651.7, 29.0, 29.0, 0.0);
(406906.2, 3747651.7, 29.0, 29.0, 0.0); (406896.4, 3747651.7, 29.0, 29.0, 0.0);
(406886.6, 3747651.7, 29.0, 29.0, 0.0); (406876.8, 3747651.7, 29.0, 29.0, 0.0);
(406867.0, 3747651.7, 29.0, 29.0, 0.0); (407003.2, 3747650.5, 29.0, 29.0, 0.0);
(407015.7, 3747663.0, 29.0, 29.0, 0.0); (406994.4, 3747646.8, 29.0, 29.0, 0.0);
(406984.6, 3747646.8, 29.0, 29.0, 0.0); (406974.8, 3747646.8, 29.0, 29.0, 0.0);
(406965.0, 3747646.8, 29.0, 29.0, 0.0); (406955.2, 3747646.8, 29.0, 29.0, 0.0);
(406945.4, 3747646.8, 29.0, 29.0, 0.0); (406935.6, 3747646.7, 29.0, 29.0, 0.0);
(406925.8, 3747646.7, 29.0, 29.0, 0.0); (406916.0, 3747646.7, 29.0, 29.0, 0.0);
(406906.2, 3747646.7, 29.0, 29.0, 0.0); (406896.4, 3747646.7, 29.0, 29.0, 0.0);
(406886.6, 3747646.7, 29.0, 29.0, 0.0); (406876.8, 3747646.7, 29.0, 29.0, 0.0);
(406867.1, 3747646.7, 29.0, 29.0, 0.0); (407001.5, 3747644.7, 29.0, 29.0, 0.0);

(407008.5, 3747647.7, 29.0, 29.0, 0.0); (407018.5, 3747657.7, 29.0, 29.0, 0.0);
(407021.5, 3747664.8, 29.0, 29.0, 0.0); (406994.4, 3747641.8, 29.0, 29.0, 0.0);
(406984.6, 3747641.8, 29.0, 29.0, 0.0); (406974.8, 3747641.8, 29.0, 29.0, 0.0);
(406965.0, 3747641.8, 29.0, 29.0, 0.0); (406955.2, 3747641.8, 29.0, 29.0, 0.0);
(406945.4, 3747641.8, 29.0, 29.0, 0.0); (406935.6, 3747641.7, 29.0, 29.0, 0.0);
(406925.8, 3747641.7, 29.0, 29.0, 0.0); (406916.0, 3747641.7, 29.0, 29.0, 0.0);
(406906.2, 3747641.7, 29.0, 29.0, 0.0); (406896.5, 3747641.7, 29.0, 29.0, 0.0);
(406886.6, 3747641.7, 29.0, 29.0, 0.0); (406876.9, 3747641.7, 29.0, 29.0, 0.0);
(406867.1, 3747641.7, 29.0, 29.0, 0.0); (407002.7, 3747640.2, 29.0, 29.0, 0.0);
(407010.9, 3747643.6, 29.0, 29.0, 0.0); (407022.6, 3747655.3, 29.0, 29.0, 0.0);
(407026.0, 3747663.6, 29.0, 29.0, 0.0); (406994.4, 3747636.8, 29.0, 29.0, 0.0);
(406984.6, 3747636.8, 29.0, 29.0, 0.0); (406974.8, 3747636.8, 29.0, 29.0, 0.0);
(406965.0, 3747636.8, 29.0, 29.0, 0.0); (406955.2, 3747636.8, 29.0, 29.0, 0.0);
(406945.4, 3747636.8, 29.0, 29.0, 0.0); (406935.6, 3747636.7, 29.0, 29.0, 0.0);
(406925.8, 3747636.7, 29.0, 29.0, 0.0); (406916.0, 3747636.7, 29.0, 29.0, 0.0);
(406906.2, 3747636.7, 29.0, 29.0, 0.0); (406896.5, 3747636.7, 29.0, 29.0, 0.0);
(406886.7, 3747636.7, 29.0, 29.0, 0.0); (406876.9, 3747636.7, 29.0, 29.0, 0.0);
(406867.1, 3747636.7, 29.0, 29.0, 0.0); (407001.5, 3747634.7, 29.0, 29.0, 0.0);
(407008.6, 3747637.7, 29.0, 29.0, 0.0); (407015.6, 3747640.6, 29.0, 29.0, 0.0);
(407025.6, 3747650.6, 29.0, 29.0, 0.0); (407028.5, 3747657.7, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407031.5, 3747664.8, 29.0, 29.0, 0.0); (406994.4, 3747631.8, 29.0, 29.0, 0.0);
(406984.6, 3747631.8, 29.0, 29.0, 0.0); (406974.8, 3747631.8, 29.0, 29.0, 0.0);
(406965.0, 3747631.8, 29.0, 29.0, 0.0); (406955.2, 3747631.8, 29.0, 29.0, 0.0);
(406945.4, 3747631.8, 29.0, 29.0, 0.0); (406935.6, 3747631.7, 29.0, 29.0, 0.0);
(406925.8, 3747631.7, 29.0, 29.0, 0.0); (406916.0, 3747631.7, 29.0, 29.0, 0.0);
(406906.3, 3747631.7, 29.0, 29.0, 0.0); (406896.5, 3747631.7, 29.0, 29.0, 0.0);
(406886.7, 3747631.7, 29.0, 29.0, 0.0); (406876.9, 3747631.7, 29.0, 29.0, 0.0);

(406867.1, 3747631.7, 29.0, 29.0, 0.0); (407002.4, 3747630.1, 29.0, 29.0, 0.0);
(407010.3, 3747633.4, 29.0, 29.0, 0.0); (407018.3, 3747636.7, 29.0, 29.0, 0.0);
(407029.5, 3747648.0, 29.0, 29.0, 0.0); (407032.8, 3747655.9, 29.0, 29.0, 0.0);
(407036.1, 3747663.9, 29.0, 29.0, 0.0); (406994.4, 3747626.8, 29.0, 29.0, 0.0);
(406984.6, 3747626.8, 29.0, 29.0, 0.0); (406974.8, 3747626.8, 29.0, 29.0, 0.0);
(406965.0, 3747626.8, 29.0, 29.0, 0.0); (406955.2, 3747626.8, 29.0, 29.0, 0.0);
(406945.5, 3747626.8, 29.0, 29.0, 0.0); (406935.6, 3747626.7, 29.0, 29.0, 0.0);
(406925.8, 3747626.7, 29.0, 29.0, 0.0); (406916.1, 3747626.7, 29.0, 29.0, 0.0);
(406906.3, 3747626.7, 29.0, 29.0, 0.0); (406896.5, 3747626.7, 29.0, 29.0, 0.0);
(406886.7, 3747626.7, 29.0, 29.0, 0.0); (406876.9, 3747626.7, 29.0, 29.0, 0.0);
(406867.1, 3747626.7, 29.0, 29.0, 0.0); (407003.3, 3747625.5, 29.0, 29.0, 0.0);
(407012.1, 3747629.1, 29.0, 29.0, 0.0); (407020.9, 3747632.8, 29.0, 29.0, 0.0);
(407033.4, 3747645.3, 29.0, 29.0, 0.0); (407037.1, 3747654.2, 29.0, 29.0, 0.0);
(407040.7, 3747663.0, 29.0, 29.0, 0.0); (406994.4, 3747621.8, 29.0, 29.0, 0.0);
(406984.6, 3747621.8, 29.0, 29.0, 0.0); (406974.8, 3747621.8, 29.0, 29.0, 0.0);
(406965.0, 3747621.8, 29.0, 29.0, 0.0); (406955.2, 3747621.8, 29.0, 29.0, 0.0);
(406945.5, 3747621.8, 29.0, 29.0, 0.0); (406935.6, 3747621.7, 29.0, 29.0, 0.0);
(406925.9, 3747621.7, 29.0, 29.0, 0.0); (406916.1, 3747621.7, 29.0, 29.0, 0.0);
(406906.3, 3747621.7, 29.0, 29.0, 0.0); (406896.5, 3747621.7, 29.0, 29.0, 0.0);
(406886.7, 3747621.7, 29.0, 29.0, 0.0); (406876.9, 3747621.7, 29.0, 29.0, 0.0);
(406867.1, 3747621.7, 29.0, 29.0, 0.0); (407002.2, 3747620.0, 29.0, 29.0, 0.0);
(407010.0, 3747623.3, 29.0, 29.0, 0.0); (407017.8, 3747626.5, 29.0, 29.0, 0.0);
(407025.5, 3747629.7, 29.0, 29.0, 0.0); (407036.5, 3747640.7, 29.0, 29.0, 0.0);
(407039.7, 3747648.5, 29.0, 29.0, 0.0); (407043.0, 3747656.3, 29.0, 29.0, 0.0);
(407046.2, 3747664.1, 29.0, 29.0, 0.0); (406994.4, 3747616.8, 29.0, 29.0, 0.0);
(406984.6, 3747616.8, 29.0, 29.0, 0.0); (406974.8, 3747616.8, 29.0, 29.0, 0.0);
(406965.0, 3747616.8, 29.0, 29.0, 0.0); (406955.2, 3747616.8, 29.0, 29.0, 0.0);
(406945.5, 3747616.8, 29.0, 29.0, 0.0); (406935.7, 3747616.7, 29.0, 29.0, 0.0);
(406925.9, 3747616.7, 29.0, 29.0, 0.0); (406916.1, 3747616.7, 29.0, 29.0, 0.0);
(406906.3, 3747616.7, 29.0, 29.0, 0.0); (406896.5, 3747616.7, 29.0, 29.0, 0.0);
(406886.7, 3747616.7, 29.0, 29.0, 0.0); (406876.9, 3747616.7, 29.0, 29.0, 0.0);
(406867.1, 3747616.7, 29.0, 29.0, 0.0); (407002.9, 3747615.3, 29.0, 29.0, 0.0);
(407011.4, 3747618.8, 29.0, 29.0, 0.0); (407019.9, 3747622.4, 29.0, 29.0, 0.0);

(407028.4, 3747625.9, 29.0, 29.0, 0.0); (407040.4, 3747637.9, 29.0, 29.0, 0.0);
(407043.9, 3747646.4, 29.0, 29.0, 0.0); (407047.4, 3747654.9, 29.0, 29.0, 0.0);
(407050.9, 3747663.4, 29.0, 29.0, 0.0); (406994.4, 3747611.8, 29.0, 29.0, 0.0);
(406984.6, 3747611.8, 29.0, 29.0, 0.0); (406974.8, 3747611.8, 29.0, 29.0, 0.0);
(406965.0, 3747611.8, 29.0, 29.0, 0.0); (406955.3, 3747611.8, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406945.5, 3747611.8, 29.0, 29.0, 0.0); (406935.7, 3747611.7, 29.0, 29.0, 0.0);
(406925.9, 3747611.7, 29.0, 29.0, 0.0); (406916.1, 3747611.7, 29.0, 29.0, 0.0);
(406906.3, 3747611.7, 29.0, 29.0, 0.0); (406896.5, 3747611.7, 29.0, 29.0, 0.0);
(406886.7, 3747611.7, 29.0, 29.0, 0.0); (406876.9, 3747611.7, 29.0, 29.0, 0.0);
(406867.1, 3747611.7, 29.0, 29.0, 0.0); (407002.1, 3747610.0, 29.0, 29.0, 0.0);
(407009.8, 3747613.2, 29.0, 29.0, 0.0); (407017.4, 3747616.3, 29.0, 29.0, 0.0);
(407025.1, 3747619.5, 29.0, 29.0, 0.0); (407032.7, 3747622.7, 29.0, 29.0, 0.0);
(407043.5, 3747633.5, 29.0, 29.0, 0.0); (407046.7, 3747641.2, 29.0, 29.0, 0.0);
(407049.9, 3747648.9, 29.0, 29.0, 0.0); (407053.0, 3747656.5, 29.0, 29.0, 0.0);
(407056.2, 3747664.2, 29.0, 29.0, 0.0); (406994.5, 3747606.8, 29.0, 29.0, 0.0);
(406984.6, 3747606.8, 29.0, 29.0, 0.0); (406974.8, 3747606.8, 29.0, 29.0, 0.0);
(406965.1, 3747606.8, 29.0, 29.0, 0.0); (406955.3, 3747606.8, 29.0, 29.0, 0.0);
(406945.5, 3747606.8, 29.0, 29.0, 0.0); (406935.7, 3747606.7, 29.0, 29.0, 0.0);
(406925.9, 3747606.7, 29.0, 29.0, 0.0); (406916.1, 3747606.7, 29.0, 29.0, 0.0);
(406906.3, 3747606.7, 29.0, 29.0, 0.0); (406896.5, 3747606.7, 29.0, 29.0, 0.0);
(406886.7, 3747606.7, 29.0, 29.0, 0.0); (406876.9, 3747606.7, 29.0, 29.0, 0.0);
(406867.1, 3747606.7, 29.0, 29.0, 0.0); (407002.7, 3747605.2, 29.0, 29.0, 0.0);
(407010.9, 3747608.6, 29.0, 29.0, 0.0); (407019.2, 3747612.1, 29.0, 29.0, 0.0);
(407027.4, 3747615.5, 29.0, 29.0, 0.0); (407035.7, 3747618.9, 29.0, 29.0, 0.0);
(407047.3, 3747630.6, 29.0, 29.0, 0.0); (407050.8, 3747638.9, 29.0, 29.0, 0.0);
(407054.1, 3747647.1, 29.0, 29.0, 0.0); (407057.6, 3747655.4, 29.0, 29.0, 0.0);
(407061.0, 3747663.6, 29.0, 29.0, 0.0); (406994.5, 3747601.8, 29.0, 29.0, 0.0);

(406984.7, 3747601.8, 29.0, 29.0, 0.0); (406974.9,
3747601.8, 29.0, 29.0, 0.0);
(406965.1, 3747601.8, 29.0, 29.0, 0.0); (406955.3,
3747601.8, 29.0, 29.0, 0.0);
(406945.5, 3747601.8, 29.0, 29.0, 0.0); (406935.7,
3747601.7, 29.0, 29.0, 0.0);
(406925.9, 3747601.7, 29.0, 29.0, 0.0); (406916.1,
3747601.7, 29.0, 29.0, 0.0);
(406906.3, 3747601.7, 29.0, 29.0, 0.0); (406896.5,
3747601.7, 29.0, 29.0, 0.0);
(406886.7, 3747601.7, 29.0, 29.0, 0.0); (406876.9,
3747601.7, 29.0, 29.0, 0.0);
(406867.1, 3747601.7, 29.0, 29.0, 0.0); (407003.3,
3747600.5, 29.0, 29.0, 0.0);
(407012.1, 3747604.1, 29.0, 29.0, 0.0); (407021.0,
3747607.8, 29.0, 29.0, 0.0);
(407029.8, 3747611.5, 29.0, 29.0, 0.0); (407038.6,
3747615.1, 29.0, 29.0, 0.0);
(407051.1, 3747627.7, 29.0, 29.0, 0.0); (407054.8,
3747636.5, 29.0, 29.0, 0.0);
(407058.4, 3747645.3, 29.0, 29.0, 0.0); (407062.1,
3747654.2, 29.0, 29.0, 0.0);
(407065.7, 3747663.0, 29.0, 29.0, 0.0); (406994.5,
3747596.8, 29.0, 29.0, 0.0);
(406984.7, 3747596.8, 29.0, 29.0, 0.0); (406974.9,
3747596.8, 29.0, 29.0, 0.0);
(406965.1, 3747596.8, 29.0, 29.0, 0.0); (406955.3,
3747596.8, 29.0, 29.0, 0.0);
(406945.5, 3747596.8, 29.0, 29.0, 0.0); (406935.7,
3747596.7, 29.0, 29.0, 0.0);
(406925.9, 3747596.7, 29.0, 29.0, 0.0); (406916.1,
3747596.7, 29.0, 29.0, 0.0);
(406906.3, 3747596.7, 29.0, 29.0, 0.0); (406896.5,
3747596.7, 29.0, 29.0, 0.0);
(406886.7, 3747596.7, 29.0, 29.0, 0.0); (406876.9,
3747596.7, 29.0, 29.0, 0.0);
(406867.1, 3747596.7, 29.0, 29.0, 0.0); (407002.5,
3747595.2, 29.0, 29.0, 0.0);
(407010.6, 3747598.5, 29.0, 29.0, 0.0); (407018.7,
3747601.9, 29.0, 29.0, 0.0);
(407026.8, 3747605.2, 29.0, 29.0, 0.0); (407034.8,
3747608.6, 29.0, 29.0, 0.0);
(407042.9, 3747611.9, 29.0, 29.0, 0.0); (407054.3,
3747623.4, 29.0, 29.0, 0.0);
(407057.7, 3747631.5, 29.0, 29.0, 0.0); (407061.0,
3747639.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407064.4, 3747647.6, 29.0, 29.0, 0.0); (407067.7,
3747655.7, 29.0, 29.0, 0.0);
(407071.0, 3747663.8, 29.0, 29.0, 0.0); (406994.5,
3747591.8, 29.0, 29.0, 0.0);
(406984.7, 3747591.8, 29.0, 29.0, 0.0); (406974.9,
3747591.8, 29.0, 29.0, 0.0);
(406965.1, 3747591.8, 29.0, 29.0, 0.0); (406955.3,
3747591.8, 29.0, 29.0, 0.0);

(406945.5, 3747591.8, 29.0, 29.0, 0.0); (406935.7, 3747591.7, 29.0, 29.0, 0.0);
(406925.9, 3747591.7, 29.0, 29.0, 0.0); (406916.1, 3747591.7, 29.0, 29.0, 0.0);
(406906.3, 3747591.7, 29.0, 29.0, 0.0); (406896.5, 3747591.7, 29.0, 29.0, 0.0);
(406886.7, 3747591.7, 29.0, 29.0, 0.0); (406876.9, 3747591.7, 29.0, 29.0, 0.0);
(406867.1, 3747591.7, 29.0, 29.0, 0.0); (407003.0, 3747590.4, 29.0, 29.0, 0.0);
(407011.6, 3747593.9, 29.0, 29.0, 0.0); (407020.2, 3747597.5, 29.0, 29.0, 0.0);
(407028.8, 3747601.1, 29.0, 29.0, 0.0); (407037.4, 3747604.6, 29.0, 29.0, 0.0);
(407046.0, 3747608.2, 29.0, 29.0, 0.0); (407058.1, 3747620.3, 29.0, 29.0, 0.0);
(407061.6, 3747628.9, 29.0, 29.0, 0.0); (407065.2, 3747637.5, 29.0, 29.0, 0.0);
(407068.7, 3747646.1, 29.0, 29.0, 0.0); (407072.3, 3747654.7, 29.0, 29.0, 0.0);
(407075.8, 3747663.3, 29.0, 29.0, 0.0); (406994.5, 3747586.8, 29.0, 29.0, 0.0);
(406984.7, 3747586.8, 29.0, 29.0, 0.0); (406974.9, 3747586.8, 29.0, 29.0, 0.0);
(406965.1, 3747586.8, 29.0, 29.0, 0.0); (406955.3, 3747586.8, 29.0, 29.0, 0.0);
(406945.5, 3747586.8, 29.0, 29.0, 0.0); (406935.7, 3747586.7, 29.0, 29.0, 0.0);
(406925.9, 3747586.7, 29.0, 29.0, 0.0); (406916.1, 3747586.7, 29.0, 29.0, 0.0);
(406906.3, 3747586.7, 29.0, 29.0, 0.0); (406896.5, 3747586.7, 29.0, 29.0, 0.0);
(406886.7, 3747586.7, 29.0, 29.0, 0.0); (406876.9, 3747586.7, 29.0, 29.0, 0.0);
(406867.1, 3747586.7, 29.0, 29.0, 0.0); (407002.4, 3747585.1, 29.0, 29.0, 0.0);
(407010.4, 3747588.4, 29.0, 29.0, 0.0); (407018.3, 3747591.7, 29.0, 29.0, 0.0);
(407026.3, 3747595.0, 29.0, 29.0, 0.0); (407034.2, 3747598.3, 29.0, 29.0, 0.0);
(407042.2, 3747601.6, 29.0, 29.0, 0.0); (407050.1, 3747604.9, 29.0, 29.0, 0.0);
(407061.4, 3747616.2, 29.0, 29.0, 0.0); (407064.7, 3747624.1, 29.0, 29.0, 0.0);
(407068.0, 3747632.1, 29.0, 29.0, 0.0); (407071.2, 3747640.1, 29.0, 29.0, 0.0);
(407074.5, 3747648.0, 29.0, 29.0, 0.0); (407077.8, 3747656.0, 29.0, 29.0, 0.0);
(407081.1, 3747663.9, 29.0, 29.0, 0.0); (406994.5, 3747581.8, 29.0, 29.0, 0.0);
(406984.7, 3747581.8, 29.0, 29.0, 0.0); (406974.9, 3747581.8, 29.0, 29.0, 0.0);
(406965.1, 3747581.8, 29.0, 29.0, 0.0); (406955.3, 3747581.8, 29.0, 29.0, 0.0);
(406945.5, 3747581.8, 29.0, 29.0, 0.0); (406935.7, 3747581.7, 29.0, 29.0, 0.0);
(406925.9, 3747581.7, 29.0, 29.0, 0.0); (406916.1, 3747581.7, 29.0, 29.0, 0.0);
(406906.3, 3747581.7, 29.0, 29.0, 0.0); (406896.5, 3747581.7, 29.0, 29.0, 0.0);
(406886.7, 3747581.7, 29.0, 29.0, 0.0); (406876.9, 3747581.7, 29.0, 29.0, 0.0);
(406867.1, 3747581.7, 29.0, 29.0, 0.0); (407002.9, 3747580.3, 29.0, 29.0, 0.0);
(407011.3, 3747583.8, 29.0, 29.0, 0.0); (407019.7, 3747587.3, 29.0, 29.0, 0.0);

(407028.0, 3747590.8, 29.0, 29.0, 0.0); (407036.4, 3747594.2, 29.0, 29.0, 0.0);
(407044.8, 3747597.7, 29.0, 29.0, 0.0); (407053.2, 3747601.2, 29.0, 29.0, 0.0);
(407065.1, 3747613.1, 29.0, 29.0, 0.0); (407068.6, 3747621.5, 29.0, 29.0, 0.0);
(407072.0, 3747629.9, 29.0, 29.0, 0.0); (407075.5, 3747638.3, 29.0, 29.0, 0.0);
(407079.0, 3747646.7, 29.0, 29.0, 0.0); (407082.4, 3747655.1, 29.0, 29.0, 0.0);
(407085.9, 3747663.5, 29.0, 29.0, 0.0); (406994.5, 3747576.8, 29.0, 29.0, 0.0);
(406984.7, 3747576.8, 29.0, 29.0, 0.0); (406974.9, 3747576.8, 29.0, 29.0, 0.0);
(406965.1, 3747576.8, 29.0, 29.0, 0.0); (406955.3, 3747576.8, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406945.5, 3747576.8, 29.0, 29.0, 0.0); (406935.7, 3747576.7, 29.0, 29.0, 0.0);
(406925.9, 3747576.7, 29.0, 29.0, 0.0); (406916.1, 3747576.7, 29.0, 29.0, 0.0);
(406906.3, 3747576.7, 29.0, 29.0, 0.0); (406896.5, 3747576.7, 29.0, 29.0, 0.0);
(406886.7, 3747576.7, 29.0, 29.0, 0.0); (406876.9, 3747576.7, 29.0, 29.0, 0.0);
(406867.1, 3747576.7, 29.0, 29.0, 0.0); (407003.3, 3747575.5, 29.0, 29.0, 0.0);
(407012.1, 3747579.1, 29.0, 29.0, 0.0); (407021.0, 3747582.8, 29.0, 29.0, 0.0);
(407029.8, 3747586.5, 29.0, 29.0, 0.0); (407038.7, 3747590.1, 29.0, 29.0, 0.0);
(407047.5, 3747593.8, 29.0, 29.0, 0.0); (407056.3, 3747597.5, 29.0, 29.0, 0.0);
(407068.8, 3747610.0, 29.0, 29.0, 0.0); (407072.5, 3747618.8, 29.0, 29.0, 0.0);
(407076.1, 3747627.7, 29.0, 29.0, 0.0); (407079.8, 3747636.5, 29.0, 29.0, 0.0);
(407083.4, 3747645.4, 29.0, 29.0, 0.0); (407087.1, 3747654.2, 29.0, 29.0, 0.0);
(407090.7, 3747663.1, 29.0, 29.0, 0.0); (406994.5, 3747571.8, 29.0, 29.0, 0.0);
(406984.7, 3747571.8, 29.0, 29.0, 0.0); (406974.9, 3747571.8, 29.0, 29.0, 0.0);
(406965.1, 3747571.8, 29.0, 29.0, 0.0); (406955.3, 3747571.8, 29.0, 29.0, 0.0);
(406945.5, 3747571.8, 29.0, 29.0, 0.0); (406935.7, 3747571.7, 29.0, 29.0, 0.0);
(406925.9, 3747571.7, 29.0, 29.0, 0.0); (406916.1, 3747571.7, 29.0, 29.0, 0.0);
(406906.3, 3747571.7, 29.0, 29.0, 0.0); (406896.5, 3747571.7, 29.0, 29.0, 0.0);
(406886.7, 3747571.7, 29.0, 29.0, 0.0); (406876.9, 3747571.7, 29.0, 29.0, 0.0);
(406867.1, 3747571.7, 29.0, 29.0, 0.0); (406862.0, 3747671.7, 29.0, 29.0, 0.0);

(406862.0, 3747681.5, 29.0, 29.0, 0.0); (406862.0, 3747691.3, 29.0, 29.0, 0.0);
(406862.0, 3747701.1, 29.0, 29.0, 0.0); (406862.0, 3747710.8, 29.0, 29.0, 0.0);
(406862.0, 3747720.6, 29.0, 29.0, 0.0); (406862.0, 3747730.4, 29.0, 29.0, 0.0);
(406862.0, 3747740.2, 29.0, 29.0, 0.0); (406862.0, 3747750.0, 29.0, 29.0, 0.0);
(406862.0, 3747759.8, 29.0, 29.0, 0.0); (406862.0, 3747769.6, 29.0, 29.0, 0.0);
(406862.0, 3747779.4, 29.0, 29.0, 0.0); (406862.0, 3747789.2, 29.0, 29.0, 0.0);
(406862.0, 3747799.0, 29.0, 29.0, 0.0); (406857.0, 3747671.7, 29.0, 29.0, 0.0);
(406857.0, 3747681.5, 29.0, 29.0, 0.0); (406857.0, 3747691.3, 29.0, 29.0, 0.0);
(406857.0, 3747701.1, 29.0, 29.0, 0.0); (406857.0, 3747710.8, 29.0, 29.0, 0.0);
(406857.0, 3747720.6, 29.0, 29.0, 0.0); (406857.0, 3747730.4, 29.0, 29.0, 0.0);
(406857.0, 3747740.2, 29.0, 29.0, 0.0); (406857.0, 3747750.0, 29.0, 29.0, 0.0);
(406857.0, 3747759.8, 29.0, 29.0, 0.0); (406857.0, 3747769.6, 29.0, 29.0, 0.0);
(406857.0, 3747779.4, 29.0, 29.0, 0.0); (406857.0, 3747789.2, 29.0, 29.0, 0.0);
(406857.0, 3747799.0, 29.0, 29.0, 0.0); (406854.2, 3747666.4, 29.0, 29.0, 0.0);
(406861.7, 3747658.9, 29.0, 29.0, 0.0); (406852.0, 3747671.7, 29.0, 29.0, 0.0);
(406852.0, 3747681.5, 29.0, 29.0, 0.0); (406852.0, 3747691.3, 29.0, 29.0, 0.0);
(406852.0, 3747701.1, 29.0, 29.0, 0.0); (406852.0, 3747710.8, 29.0, 29.0, 0.0);
(406852.0, 3747720.6, 29.0, 29.0, 0.0); (406852.0, 3747730.4, 29.0, 29.0, 0.0);
(406852.0, 3747740.2, 29.0, 29.0, 0.0); (406852.0, 3747750.0, 29.0, 29.0, 0.0);
(406852.0, 3747759.8, 29.0, 29.0, 0.0); (406852.0, 3747769.6, 29.0, 29.0, 0.0);
(406852.0, 3747779.4, 29.0, 29.0, 0.0); (406852.0, 3747789.2, 29.0, 29.0, 0.0);
(406852.0, 3747799.0, 29.0, 29.0, 0.0); (406850.0, 3747664.6, 29.0, 29.0, 0.0);
(406860.0, 3747654.6, 29.0, 29.0, 0.0); (406847.0, 3747671.7, 29.0, 29.0, 0.0);
(406847.0, 3747681.5, 29.0, 29.0, 0.0); (406847.0, 3747691.3, 29.0, 29.0, 0.0);
(406847.0, 3747701.1, 29.0, 29.0, 0.0); (406847.0, 3747710.8, 29.0, 29.0, 0.0);
(406847.0, 3747720.6, 29.0, 29.0, 0.0); (406847.0, 3747730.4, 29.0, 29.0, 0.0);

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

(406847.0, 3747740.2, 29.0, 29.0, 0.0); (406847.0, 3747750.0, 29.0, 29.0, 0.0);

(406847.0, 3747759.8, 29.0, 29.0, 0.0); (406847.0,
3747769.6, 29.0, 29.0, 0.0);
(406847.0, 3747779.4, 29.0, 29.0, 0.0); (406847.0,
3747789.2, 29.0, 29.0, 0.0);
(406847.0, 3747799.0, 29.0, 29.0, 0.0); (406845.7,
3747662.8, 29.0, 29.0, 0.0);
(406858.2, 3747650.3, 29.0, 29.0, 0.0); (406842.0,
3747671.7, 29.0, 29.0, 0.0);
(406842.0, 3747681.5, 29.0, 29.0, 0.0); (406842.0,
3747691.3, 29.0, 29.0, 0.0);
(406842.0, 3747701.1, 29.0, 29.0, 0.0); (406842.0,
3747710.8, 29.0, 29.0, 0.0);
(406842.0, 3747720.6, 29.0, 29.0, 0.0); (406842.0,
3747730.4, 29.0, 29.0, 0.0);
(406842.0, 3747740.2, 29.0, 29.0, 0.0); (406842.0,
3747750.0, 29.0, 29.0, 0.0);
(406842.0, 3747759.8, 29.0, 29.0, 0.0); (406842.0,
3747769.6, 29.0, 29.0, 0.0);
(406842.0, 3747779.4, 29.0, 29.0, 0.0); (406842.0,
3747789.2, 29.0, 29.0, 0.0);
(406842.0, 3747799.0, 29.0, 29.0, 0.0); (406840.0,
3747664.6, 29.0, 29.0, 0.0);
(406842.9, 3747657.5, 29.0, 29.0, 0.0); (406852.9,
3747647.5, 29.0, 29.0, 0.0);
(406860.0, 3747644.6, 29.0, 29.0, 0.0); (406837.0,
3747671.7, 29.0, 29.0, 0.0);
(406837.0, 3747681.5, 29.0, 29.0, 0.0); (406837.0,
3747691.3, 29.0, 29.0, 0.0);
(406837.0, 3747701.1, 29.0, 29.0, 0.0); (406837.0,
3747710.8, 29.0, 29.0, 0.0);
(406837.0, 3747720.6, 29.0, 29.0, 0.0); (406837.0,
3747730.4, 29.0, 29.0, 0.0);
(406837.0, 3747740.2, 29.0, 29.0, 0.0); (406837.0,
3747750.0, 29.0, 29.0, 0.0);
(406837.0, 3747759.8, 29.0, 29.0, 0.0); (406837.0,
3747769.6, 29.0, 29.0, 0.0);
(406837.0, 3747779.4, 29.0, 29.0, 0.0); (406837.0,
3747789.2, 29.0, 29.0, 0.0);
(406837.0, 3747799.0, 29.0, 29.0, 0.0); (406835.5,
3747663.4, 29.0, 29.0, 0.0);
(406838.9, 3747655.2, 29.0, 29.0, 0.0); (406850.5,
3747643.5, 29.0, 29.0, 0.0);
(406858.8, 3747640.1, 29.0, 29.0, 0.0); (406832.0,
3747671.7, 29.0, 29.0, 0.0);
(406832.0, 3747681.5, 29.0, 29.0, 0.0); (406832.0,
3747691.3, 29.0, 29.0, 0.0);
(406832.0, 3747701.1, 29.0, 29.0, 0.0); (406832.0,
3747710.8, 29.0, 29.0, 0.0);
(406832.0, 3747720.6, 29.0, 29.0, 0.0); (406832.0,
3747730.4, 29.0, 29.0, 0.0);
(406832.0, 3747740.2, 29.0, 29.0, 0.0); (406832.0,
3747750.0, 29.0, 29.0, 0.0);
(406832.0, 3747759.8, 29.0, 29.0, 0.0); (406832.0,
3747769.6, 29.0, 29.0, 0.0);
(406832.0, 3747779.4, 29.0, 29.0, 0.0); (406832.0,
3747789.2, 29.0, 29.0, 0.0);
(406832.0, 3747799.0, 29.0, 29.0, 0.0); (406830.0,
3747664.6, 29.0, 29.0, 0.0);
(406832.9, 3747657.5, 29.0, 29.0, 0.0); (406835.8,
3747650.4, 29.0, 29.0, 0.0);
(406845.8, 3747640.4, 29.0, 29.0, 0.0); (406852.9,
3747637.5, 29.0, 29.0, 0.0);
(406860.0, 3747634.6, 29.0, 29.0, 0.0); (406827.0,
3747671.7, 29.0, 29.0, 0.0);
(406827.0, 3747681.5, 29.0, 29.0, 0.0); (406827.0,
3747691.3, 29.0, 29.0, 0.0);

(406827.0, 3747701.1, 29.0, 29.0, 0.0); (406827.0, 3747710.8, 29.0, 29.0, 0.0);
(406827.0, 3747720.6, 29.0, 29.0, 0.0); (406827.0, 3747730.4, 29.0, 29.0, 0.0);
(406827.0, 3747740.2, 29.0, 29.0, 0.0); (406827.0, 3747750.0, 29.0, 29.0, 0.0);
(406827.0, 3747759.8, 29.0, 29.0, 0.0); (406827.0, 3747769.6, 29.0, 29.0, 0.0);
(406827.0, 3747779.4, 29.0, 29.0, 0.0); (406827.0, 3747789.2, 29.0, 29.0, 0.0);
(406827.0, 3747799.0, 29.0, 29.0, 0.0); (406825.3, 3747663.7, 29.0, 29.0, 0.0);
(406828.6, 3747655.8, 29.0, 29.0, 0.0); (406831.9, 3747647.8, 29.0, 29.0, 0.0);
(406843.2, 3747636.5, 29.0, 29.0, 0.0); (406851.1, 3747633.2, 29.0, 29.0, 0.0);
(406859.1, 3747630.0, 29.0, 29.0, 0.0); (406822.0, 3747671.7, 29.0, 29.0, 0.0);
(406822.0, 3747681.5, 29.0, 29.0, 0.0); (406822.0, 3747691.3, 29.0, 29.0, 0.0);
(406822.0, 3747701.1, 29.0, 29.0, 0.0); (406822.0, 3747710.8, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406822.0, 3747720.6, 29.0, 29.0, 0.0); (406822.0, 3747730.4, 29.0, 29.0, 0.0);
(406822.0, 3747740.2, 29.0, 29.0, 0.0); (406822.0, 3747750.0, 29.0, 29.0, 0.0);
(406822.0, 3747759.8, 29.0, 29.0, 0.0); (406822.0, 3747769.6, 29.0, 29.0, 0.0);
(406822.0, 3747779.4, 29.0, 29.0, 0.0); (406822.0, 3747789.2, 29.0, 29.0, 0.0);
(406822.0, 3747799.0, 29.0, 29.0, 0.0); (406820.7, 3747662.8, 29.0, 29.0, 0.0);
(406824.4, 3747654.0, 29.0, 29.0, 0.0); (406828.0, 3747645.1, 29.0, 29.0, 0.0);
(406840.5, 3747632.6, 29.0, 29.0, 0.0); (406849.4, 3747629.0, 29.0, 29.0, 0.0);
(406858.2, 3747625.3, 29.0, 29.0, 0.0); (406817.0, 3747671.7, 29.0, 29.0, 0.0);
(406817.0, 3747681.5, 29.0, 29.0, 0.0); (406817.0, 3747691.3, 29.0, 29.0, 0.0);
(406817.0, 3747701.1, 29.0, 29.0, 0.0); (406817.0, 3747710.8, 29.0, 29.0, 0.0);
(406817.0, 3747720.6, 29.0, 29.0, 0.0); (406817.0, 3747730.4, 29.0, 29.0, 0.0);
(406817.0, 3747740.2, 29.0, 29.0, 0.0); (406817.0, 3747750.0, 29.0, 29.0, 0.0);
(406817.0, 3747759.8, 29.0, 29.0, 0.0); (406817.0, 3747769.6, 29.0, 29.0, 0.0);
(406817.0, 3747779.4, 29.0, 29.0, 0.0); (406817.0, 3747789.2, 29.0, 29.0, 0.0);
(406817.0, 3747799.0, 29.0, 29.0, 0.0); (406815.3, 3747663.9, 29.0, 29.0, 0.0);
(406818.5, 3747656.1, 29.0, 29.0, 0.0); (406821.7, 3747648.3, 29.0, 29.0, 0.0);

(406824.9, 3747640.5, 29.0, 29.0, 0.0); (406835.9, 3747629.5, 29.0, 29.0, 0.0);
(406843.7, 3747626.3, 29.0, 29.0, 0.0); (406851.5, 3747623.1, 29.0, 29.0, 0.0);
(406859.3, 3747619.9, 29.0, 29.0, 0.0); (406812.0, 3747671.7, 29.0, 29.0, 0.0);
(406812.0, 3747681.5, 29.0, 29.0, 0.0); (406812.0, 3747691.3, 29.0, 29.0, 0.0);
(406812.0, 3747701.1, 29.0, 29.0, 0.0); (406812.0, 3747710.8, 29.0, 29.0, 0.0);
(406812.0, 3747720.6, 29.0, 29.0, 0.0); (406812.0, 3747730.4, 29.0, 29.0, 0.0);
(406812.0, 3747740.2, 29.0, 29.0, 0.0); (406812.0, 3747750.0, 29.0, 29.0, 0.0);
(406812.0, 3747759.8, 29.0, 29.0, 0.0); (406812.0, 3747769.6, 29.0, 29.0, 0.0);
(406812.0, 3747779.4, 29.0, 29.0, 0.0); (406812.0, 3747789.2, 29.0, 29.0, 0.0);
(406812.0, 3747799.0, 29.0, 29.0, 0.0); (406810.5, 3747663.2, 29.0, 29.0, 0.0);
(406814.1, 3747654.7, 29.0, 29.0, 0.0); (406817.6, 3747646.2, 29.0, 29.0, 0.0);
(406821.1, 3747637.7, 29.0, 29.0, 0.0); (406833.1, 3747625.7, 29.0, 29.0, 0.0);
(406841.6, 3747622.2, 29.0, 29.0, 0.0); (406858.6, 3747615.2, 29.0, 29.0, 0.0);
(406807.0, 3747671.7, 29.0, 29.0, 0.0); (406807.0, 3747681.5, 29.0, 29.0, 0.0);
(406807.0, 3747691.3, 29.0, 29.0, 0.0); (406807.0, 3747701.1, 29.0, 29.0, 0.0);
(406807.0, 3747710.8, 29.0, 29.0, 0.0); (406807.0, 3747720.6, 29.0, 29.0, 0.0);
(406807.0, 3747730.4, 29.0, 29.0, 0.0); (406807.0, 3747740.2, 29.0, 29.0, 0.0);
(406807.0, 3747750.0, 29.0, 29.0, 0.0); (406807.0, 3747759.8, 29.0, 29.0, 0.0);
(406807.0, 3747769.6, 29.0, 29.0, 0.0); (406807.0, 3747779.4, 29.0, 29.0, 0.0);
(406807.0, 3747789.2, 29.0, 29.0, 0.0); (406807.0, 3747799.0, 29.0, 29.0, 0.0);
(406805.2, 3747664.0, 29.0, 29.0, 0.0); (406808.4, 3747656.3, 29.0, 29.0, 0.0);
(406811.6, 3747648.7, 29.0, 29.0, 0.0); (406814.7, 3747641.0, 29.0, 29.0, 0.0);
(406817.9, 3747633.3, 29.0, 29.0, 0.0); (406828.8, 3747622.5, 29.0, 29.0, 0.0);
(406836.4, 3747619.3, 29.0, 29.0, 0.0); (406844.1, 3747616.2, 29.0, 29.0, 0.0);
(406851.8, 3747613.0, 29.0, 29.0, 0.0); (406859.4, 3747609.8, 29.0, 29.0, 0.0);
(406802.0, 3747671.7, 29.0, 29.0, 0.0); (406802.0, 3747681.5, 29.0, 29.0, 0.0);
(406802.0, 3747691.3, 29.0, 29.0, 0.0); (406802.0, 3747701.1, 29.0, 29.0, 0.0);
(406802.0, 3747710.8, 29.0, 29.0, 0.0); (406802.0, 3747720.6, 29.0, 29.0, 0.0);
(406802.0, 3747730.4, 29.0, 29.0, 0.0); (406802.0, 3747740.2, 29.0, 29.0, 0.0);

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

(406802.0, 3747750.0, 29.0, 29.0, 0.0); (406802.0, 3747759.8, 29.0, 29.0, 0.0);
(406802.0, 3747769.6, 29.0, 29.0, 0.0); (406802.0, 3747779.4, 29.0, 29.0, 0.0);
(406802.0, 3747789.2, 29.0, 29.0, 0.0); (406802.0, 3747799.0, 29.0, 29.0, 0.0);
(406800.5, 3747663.4, 29.0, 29.0, 0.0); (406803.9, 3747655.2, 29.0, 29.0, 0.0);
(406807.3, 3747646.9, 29.0, 29.0, 0.0); (406810.7, 3747638.6, 29.0, 29.0, 0.0);
(406814.1, 3747630.4, 29.0, 29.0, 0.0); (406825.8, 3747618.7, 29.0, 29.0, 0.0);
(406834.1, 3747615.3, 29.0, 29.0, 0.0); (406842.3, 3747611.9, 29.0, 29.0, 0.0);
(406850.6, 3747608.5, 29.0, 29.0, 0.0); (406858.8, 3747605.1, 29.0, 29.0, 0.0);
(406797.0, 3747671.7, 29.0, 29.0, 0.0); (406797.0, 3747681.5, 29.0, 29.0, 0.0);
(406797.0, 3747691.3, 29.0, 29.0, 0.0); (406797.0, 3747701.1, 29.0, 29.0, 0.0);
(406797.0, 3747710.8, 29.0, 29.0, 0.0); (406797.0, 3747720.6, 29.0, 29.0, 0.0);
(406797.0, 3747730.4, 29.0, 29.0, 0.0); (406797.0, 3747740.2, 29.0, 29.0, 0.0);
(406797.0, 3747750.0, 29.0, 29.0, 0.0); (406797.0, 3747759.8, 29.0, 29.0, 0.0);
(406797.0, 3747769.6, 29.0, 29.0, 0.0); (406797.0, 3747779.4, 29.0, 29.0, 0.0);
(406797.0, 3747789.2, 29.0, 29.0, 0.0); (406797.0, 3747799.0, 29.0, 29.0, 0.0);
(406795.7, 3747662.8, 29.0, 29.0, 0.0); (406799.4, 3747654.0, 29.0, 29.0, 0.0);
(406803.0, 3747645.1, 29.0, 29.0, 0.0); (406806.7, 3747636.3, 29.0, 29.0, 0.0);
(406810.4, 3747627.4, 29.0, 29.0, 0.0); (406822.9, 3747614.9, 29.0, 29.0, 0.0);
(406831.7, 3747611.3, 29.0, 29.0, 0.0); (406840.6, 3747607.6, 29.0, 29.0, 0.0);
(406849.4, 3747604.0, 29.0, 29.0, 0.0); (406858.3, 3747600.3, 29.0, 29.0, 0.0);
(406792.0, 3747671.7, 29.0, 29.0, 0.0); (406792.0, 3747681.5, 29.0, 29.0, 0.0);
(406792.0, 3747691.3, 29.0, 29.0, 0.0); (406792.0, 3747701.1, 29.0, 29.0, 0.0);
(406792.0, 3747710.8, 29.0, 29.0, 0.0); (406792.0, 3747720.6, 29.0, 29.0, 0.0);
(406792.0, 3747730.4, 29.0, 29.0, 0.0); (406792.0, 3747740.2, 29.0, 29.0, 0.0);
(406792.0, 3747750.0, 29.0, 29.0, 0.0); (406792.0, 3747759.8, 29.0, 29.0, 0.0);
(406792.0, 3747769.6, 29.0, 29.0, 0.0); (406792.0, 3747779.4, 29.0, 29.0, 0.0);
(406792.0, 3747789.2, 29.0, 29.0, 0.0); (406792.0, 3747799.0, 29.0, 29.0, 0.0);
(406790.4, 3747663.6, 29.0, 29.0, 0.0); (406793.7, 3747655.5, 29.0, 29.0, 0.0);
(406797.1, 3747647.4, 29.0, 29.0, 0.0); (406800.4, 3747639.3, 29.0, 29.0, 0.0);
(406803.8, 3747631.2, 29.0, 29.0, 0.0); (406807.1, 3747623.2, 29.0, 29.0, 0.0);
(406818.6, 3747611.7, 29.0, 29.0, 0.0); (406826.7, 3747608.4, 29.0, 29.0, 0.0);

(406834.8, 3747605.0, 29.0, 29.0, 0.0); (406842.8,
3747601.7, 29.0, 29.0, 0.0);
(406850.9, 3747598.4, 29.0, 29.0, 0.0); (406859.0,
3747595.0, 29.0, 29.0, 0.0);
(406787.0, 3747671.7, 29.0, 29.0, 0.0); (406787.0,
3747681.5, 29.0, 29.0, 0.0);
(406787.0, 3747691.3, 29.0, 29.0, 0.0); (406787.0,
3747701.1, 29.0, 29.0, 0.0);
(406787.0, 3747710.8, 29.0, 29.0, 0.0); (406787.0,
3747720.6, 29.0, 29.0, 0.0);
(406787.0, 3747730.4, 29.0, 29.0, 0.0); (406787.0,
3747740.2, 29.0, 29.0, 0.0);
(406787.0, 3747750.0, 29.0, 29.0, 0.0); (406787.0,
3747759.8, 29.0, 29.0, 0.0);
(406787.0, 3747769.6, 29.0, 29.0, 0.0); (406787.0,
3747779.4, 29.0, 29.0, 0.0);
(406787.0, 3747789.2, 29.0, 29.0, 0.0); (406787.0,
3747799.0, 29.0, 29.0, 0.0);
(406785.6, 3747663.1, 29.0, 29.0, 0.0); (406789.1,
3747654.5, 29.0, 29.0, 0.0);
(406792.7, 3747645.9, 29.0, 29.0, 0.0); (406796.3,
3747637.3, 29.0, 29.0, 0.0);
(406799.8, 3747628.7, 29.0, 29.0, 0.0); (406803.4,
3747620.1, 29.0, 29.0, 0.0);
(406815.5, 3747608.0, 29.0, 29.0, 0.0); (406824.1,
3747604.4, 29.0, 29.0, 0.0);
(406841.3, 3747597.3, 29.0, 29.0, 0.0); (406849.9,
3747593.8, 29.0, 29.0, 0.0);

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

(406858.5, 3747590.2, 29.0, 29.0, 0.0); (406782.0,
3747671.7, 29.0, 29.0, 0.0);
(406782.0, 3747681.5, 29.0, 29.0, 0.0); (406782.0,
3747691.3, 29.0, 29.0, 0.0);
(406782.0, 3747701.1, 29.0, 29.0, 0.0); (406782.0,
3747710.8, 29.0, 29.0, 0.0);
(406782.0, 3747720.6, 29.0, 29.0, 0.0); (406782.0,
3747730.4, 29.0, 29.0, 0.0);
(406782.0, 3747740.2, 29.0, 29.0, 0.0); (406782.0,
3747750.0, 29.0, 29.0, 0.0);
(406782.0, 3747759.8, 29.0, 29.0, 0.0); (406782.0,
3747769.6, 29.0, 29.0, 0.0);
(406782.0, 3747779.4, 29.0, 29.0, 0.0); (406782.0,
3747789.2, 29.0, 29.0, 0.0);
(406782.0, 3747799.0, 29.0, 29.0, 0.0); (406780.3,
3747663.7, 29.0, 29.0, 0.0);
(406783.6, 3747655.8, 29.0, 29.0, 0.0); (406786.9,
3747647.8, 29.0, 29.0, 0.0);
(406790.2, 3747639.8, 29.0, 29.0, 0.0); (406793.5,
3747631.9, 29.0, 29.0, 0.0);
(406796.8, 3747623.9, 29.0, 29.0, 0.0); (406800.1,
3747616.0, 29.0, 29.0, 0.0);
(406811.4, 3747604.7, 29.0, 29.0, 0.0); (406819.3,
3747601.4, 29.0, 29.0, 0.0);
(406827.3, 3747598.1, 29.0, 29.0, 0.0); (406835.3,
3747594.8, 29.0, 29.0, 0.0);

(406843.2, 3747591.5, 29.0, 29.0, 0.0); (406851.2, 3747588.2, 29.0, 29.0, 0.0);
(406859.2, 3747585.0, 29.0, 29.0, 0.0); (406777.0, 3747671.7, 29.0, 29.0, 0.0);
(406777.0, 3747681.5, 29.0, 29.0, 0.0); (406777.0, 3747691.3, 29.0, 29.0, 0.0);
(406777.0, 3747701.1, 29.0, 29.0, 0.0); (406777.0, 3747710.8, 29.0, 29.0, 0.0);
(406777.0, 3747720.6, 29.0, 29.0, 0.0); (406777.0, 3747730.4, 29.0, 29.0, 0.0);
(406777.0, 3747740.2, 29.0, 29.0, 0.0); (406777.0, 3747750.0, 29.0, 29.0, 0.0);
(406777.0, 3747759.8, 29.0, 29.0, 0.0); (406777.0, 3747769.6, 29.0, 29.0, 0.0);
(406777.0, 3747779.4, 29.0, 29.0, 0.0); (406777.0, 3747789.2, 29.0, 29.0, 0.0);
(406777.0, 3747799.0, 29.0, 29.0, 0.0); (406775.5, 3747663.3, 29.0, 29.0, 0.0);
(406779.0, 3747654.9, 29.0, 29.0, 0.0); (406782.5, 3747646.5, 29.0, 29.0, 0.0);
(406786.0, 3747638.1, 29.0, 29.0, 0.0); (406789.4, 3747629.7, 29.0, 29.0, 0.0);
(406792.9, 3747621.3, 29.0, 29.0, 0.0); (406796.4, 3747612.9, 29.0, 29.0, 0.0);
(406808.3, 3747601.0, 29.0, 29.0, 0.0); (406816.7, 3747597.5, 29.0, 29.0, 0.0);
(406825.1, 3747594.0, 29.0, 29.0, 0.0); (406833.5, 3747590.6, 29.0, 29.0, 0.0);
(406841.9, 3747587.1, 29.0, 29.0, 0.0); (406850.3, 3747583.6, 29.0, 29.0, 0.0);
(406858.7, 3747580.1, 29.0, 29.0, 0.0); (406772.0, 3747671.7, 29.0, 29.0, 0.0);
(406772.0, 3747681.5, 29.0, 29.0, 0.0); (406772.0, 3747691.3, 29.0, 29.0, 0.0);
(406772.0, 3747701.1, 29.0, 29.0, 0.0); (406772.0, 3747710.8, 29.0, 29.0, 0.0);
(406772.0, 3747720.6, 29.0, 29.0, 0.0); (406772.0, 3747730.4, 29.0, 29.0, 0.0);
(406772.0, 3747740.2, 29.0, 29.0, 0.0); (406772.0, 3747750.0, 29.0, 29.0, 0.0);
(406772.0, 3747759.8, 29.0, 29.0, 0.0); (406772.0, 3747769.6, 29.0, 29.0, 0.0);
(406772.0, 3747779.4, 29.0, 29.0, 0.0); (406772.0, 3747789.2, 29.0, 29.0, 0.0);
(406772.0, 3747799.0, 29.0, 29.0, 0.0); (406770.7, 3747662.8, 29.0, 29.0, 0.0);
(406774.4, 3747654.0, 29.0, 29.0, 0.0); (406778.0, 3747645.1, 29.0, 29.0, 0.0);
(406781.7, 3747636.3, 29.0, 29.0, 0.0); (406785.4, 3747627.4, 29.0, 29.0, 0.0);
(406789.0, 3747618.6, 29.0, 29.0, 0.0); (406792.7, 3747609.8, 29.0, 29.0, 0.0);
(406805.2, 3747597.3, 29.0, 29.0, 0.0); (406814.0, 3747593.6, 29.0, 29.0, 0.0);
(406822.9, 3747589.9, 29.0, 29.0, 0.0); (406831.7, 3747586.3, 29.0, 29.0, 0.0);
(406849.4, 3747579.0, 29.0, 29.0, 0.0); (406858.3, 3747575.3, 29.0, 29.0, 0.0);
(406767.0, 3747671.7, 29.0, 29.0, 0.0); (406767.0, 3747681.5, 29.0, 29.0, 0.0);
(406767.0, 3747691.3, 29.0, 29.0, 0.0); (406767.0, 3747701.1, 29.0, 29.0, 0.0);
(406767.0, 3747710.8, 29.0, 29.0, 0.0); (406767.0, 3747720.6, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406767.0, 3747730.4, 29.0, 29.0, 0.0); (406767.0, 3747740.2, 29.0, 29.0, 0.0);
(406767.0, 3747750.0, 29.0, 29.0, 0.0); (406767.0, 3747759.8, 29.0, 29.0, 0.0);
(406767.0, 3747769.6, 29.0, 29.0, 0.0); (406767.0, 3747779.4, 29.0, 29.0, 0.0);
(406767.0, 3747789.2, 29.0, 29.0, 0.0); (406767.0, 3747799.0, 29.0, 29.0, 0.0);
(406867.0, 3747804.0, 29.0, 29.0, 0.0); (406876.8, 3747804.0, 29.0, 29.0, 0.0);
(406886.6, 3747804.0, 29.0, 29.0, 0.0); (406896.4, 3747804.0, 29.0, 29.0, 0.0);
(406906.2, 3747804.0, 29.0, 29.0, 0.0); (406916.0, 3747804.0, 29.0, 29.0, 0.0);
(406925.8, 3747804.0, 29.0, 29.0, 0.0); (406935.5, 3747803.9, 29.0, 29.0, 0.0);
(406945.3, 3747803.9, 29.0, 29.0, 0.0); (406955.1, 3747803.9, 29.0, 29.0, 0.0);
(406964.9, 3747803.9, 29.0, 29.0, 0.0); (406974.7, 3747803.9, 29.0, 29.0, 0.0);
(406984.5, 3747803.9, 29.0, 29.0, 0.0); (406994.3, 3747803.9, 29.0, 29.0, 0.0);
(406867.0, 3747809.0, 29.0, 29.0, 0.0); (406876.8, 3747809.0, 29.0, 29.0, 0.0);
(406886.6, 3747809.0, 29.0, 29.0, 0.0); (406896.4, 3747809.0, 29.0, 29.0, 0.0);
(406906.2, 3747809.0, 29.0, 29.0, 0.0); (406916.0, 3747809.0, 29.0, 29.0, 0.0);
(406925.8, 3747809.0, 29.0, 29.0, 0.0); (406935.5, 3747808.9, 29.0, 29.0, 0.0);
(406945.3, 3747808.9, 29.0, 29.0, 0.0); (406955.1, 3747808.9, 29.0, 29.0, 0.0);
(406964.9, 3747808.9, 29.0, 29.0, 0.0); (406974.7, 3747808.9, 29.0, 29.0, 0.0);
(406984.5, 3747808.9, 29.0, 29.0, 0.0); (406994.3, 3747808.9, 29.0, 29.0, 0.0);
(406861.7, 3747811.8, 29.0, 29.0, 0.0); (406854.2, 3747804.3, 29.0, 29.0, 0.0);
(406867.0, 3747814.0, 29.0, 29.0, 0.0); (406876.8, 3747814.0, 29.0, 29.0, 0.0);
(406886.6, 3747814.0, 29.0, 29.0, 0.0); (406896.4, 3747814.0, 29.0, 29.0, 0.0);
(406906.2, 3747814.0, 29.0, 29.0, 0.0); (406916.0, 3747814.0, 29.0, 29.0, 0.0);
(406925.8, 3747814.0, 29.0, 29.0, 0.0); (406935.5, 3747813.9, 29.0, 29.0, 0.0);
(406945.3, 3747813.9, 29.0, 29.0, 0.0); (406955.1, 3747813.9, 29.0, 29.0, 0.0);
(406964.9, 3747813.9, 29.0, 29.0, 0.0); (406974.7, 3747813.9, 29.0, 29.0, 0.0);
(406984.5, 3747813.9, 29.0, 29.0, 0.0); (406994.3, 3747813.9, 29.0, 29.0, 0.0);
(406860.0, 3747816.1, 29.0, 29.0, 0.0); (406850.0, 3747806.1, 29.0, 29.0, 0.0);
(406867.0, 3747819.0, 29.0, 29.0, 0.0); (406876.8, 3747819.0, 29.0, 29.0, 0.0);

(406886.6, 3747819.0, 29.0, 29.0, 0.0); (406896.4, 3747819.0, 29.0, 29.0, 0.0);
(406906.2, 3747819.0, 29.0, 29.0, 0.0); (406916.0, 3747819.0, 29.0, 29.0, 0.0);
(406925.8, 3747819.0, 29.0, 29.0, 0.0); (406935.6, 3747818.9, 29.0, 29.0, 0.0);
(406945.3, 3747818.9, 29.0, 29.0, 0.0); (406955.1, 3747818.9, 29.0, 29.0, 0.0);
(406964.9, 3747818.9, 29.0, 29.0, 0.0); (406974.7, 3747818.9, 29.0, 29.0, 0.0);
(406984.5, 3747818.9, 29.0, 29.0, 0.0); (406994.3, 3747818.9, 29.0, 29.0, 0.0);
(406858.2, 3747820.4, 29.0, 29.0, 0.0); (406845.7, 3747807.9, 29.0, 29.0, 0.0);
(406867.1, 3747824.0, 29.0, 29.0, 0.0); (406876.8, 3747824.0, 29.0, 29.0, 0.0);
(406886.6, 3747824.0, 29.0, 29.0, 0.0); (406896.4, 3747824.0, 29.0, 29.0, 0.0);
(406906.2, 3747824.0, 29.0, 29.0, 0.0); (406916.0, 3747824.0, 29.0, 29.0, 0.0);
(406925.8, 3747824.0, 29.0, 29.0, 0.0); (406935.6, 3747823.9, 29.0, 29.0, 0.0);
(406945.3, 3747823.9, 29.0, 29.0, 0.0); (406955.1, 3747823.9, 29.0, 29.0, 0.0);
(406964.9, 3747823.9, 29.0, 29.0, 0.0); (406974.7, 3747823.9, 29.0, 29.0, 0.0);
(406984.5, 3747823.9, 29.0, 29.0, 0.0); (406994.3, 3747823.9, 29.0, 29.0, 0.0);
(406860.0, 3747826.1, 29.0, 29.0, 0.0); (406852.9, 3747823.2, 29.0, 29.0, 0.0);
(406842.9, 3747813.2, 29.0, 29.0, 0.0); (406840.0, 3747806.1, 29.0, 29.0, 0.0);
(406867.1, 3747829.0, 29.0, 29.0, 0.0); (406876.8, 3747829.0, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406886.6, 3747829.0, 29.0, 29.0, 0.0); (406896.4, 3747829.0, 29.0, 29.0, 0.0);
(406906.2, 3747829.0, 29.0, 29.0, 0.0); (406916.0, 3747829.0, 29.0, 29.0, 0.0);
(406925.8, 3747829.0, 29.0, 29.0, 0.0); (406935.6, 3747828.9, 29.0, 29.0, 0.0);
(406945.3, 3747828.9, 29.0, 29.0, 0.0); (406955.1, 3747828.9, 29.0, 29.0, 0.0);
(406964.9, 3747828.9, 29.0, 29.0, 0.0); (406974.7, 3747828.9, 29.0, 29.0, 0.0);
(406984.5, 3747828.9, 29.0, 29.0, 0.0); (406994.3, 3747828.9, 29.0, 29.0, 0.0);
(406858.8, 3747830.6, 29.0, 29.0, 0.0); (406850.5, 3747827.2, 29.0, 29.0, 0.0);
(406838.9, 3747815.5, 29.0, 29.0, 0.0); (406835.5, 3747807.3, 29.0, 29.0, 0.0);
(406867.1, 3747834.0, 29.0, 29.0, 0.0); (406876.8, 3747834.0, 29.0, 29.0, 0.0);
(406886.6, 3747834.0, 29.0, 29.0, 0.0); (406896.4, 3747834.0, 29.0, 29.0, 0.0);

(406906.2, 3747834.0, 29.0, 29.0, 0.0); (406916.0, 3747834.0, 29.0, 29.0, 0.0);
(406925.8, 3747834.0, 29.0, 29.0, 0.0); (406935.6, 3747833.9, 29.0, 29.0, 0.0);
(406945.4, 3747833.9, 29.0, 29.0, 0.0); (406955.1, 3747833.9, 29.0, 29.0, 0.0);
(406964.9, 3747833.9, 29.0, 29.0, 0.0); (406974.7, 3747833.9, 29.0, 29.0, 0.0);
(406984.5, 3747833.9, 29.0, 29.0, 0.0); (406994.3, 3747833.9, 29.0, 29.0, 0.0);
(406860.0, 3747836.1, 29.0, 29.0, 0.0); (406852.9, 3747833.2, 29.0, 29.0, 0.0);
(406845.8, 3747830.2, 29.0, 29.0, 0.0); (406835.8, 3747820.2, 29.0, 29.0, 0.0);
(406832.9, 3747813.2, 29.0, 29.0, 0.0); (406830.0, 3747806.1, 29.0, 29.0, 0.0);
(406867.1, 3747839.0, 29.0, 29.0, 0.0); (406876.9, 3747839.0, 29.0, 29.0, 0.0);
(406886.6, 3747839.0, 29.0, 29.0, 0.0); (406896.4, 3747839.0, 29.0, 29.0, 0.0);
(406906.2, 3747839.0, 29.0, 29.0, 0.0); (406916.0, 3747839.0, 29.0, 29.0, 0.0);
(406925.8, 3747839.0, 29.0, 29.0, 0.0); (406935.6, 3747838.9, 29.0, 29.0, 0.0);
(406945.4, 3747838.9, 29.0, 29.0, 0.0); (406955.1, 3747838.9, 29.0, 29.0, 0.0);
(406964.9, 3747838.9, 29.0, 29.0, 0.0); (406974.7, 3747838.9, 29.0, 29.0, 0.0);
(406984.5, 3747838.9, 29.0, 29.0, 0.0); (406994.3, 3747838.9, 29.0, 29.0, 0.0);
(406859.1, 3747840.7, 29.0, 29.0, 0.0); (406851.1, 3747837.4, 29.0, 29.0, 0.0);
(406843.2, 3747834.1, 29.0, 29.0, 0.0); (406831.9, 3747822.9, 29.0, 29.0, 0.0);
(406828.6, 3747814.9, 29.0, 29.0, 0.0); (406825.3, 3747807.0, 29.0, 29.0, 0.0);
(406867.1, 3747844.0, 29.0, 29.0, 0.0); (406876.9, 3747844.0, 29.0, 29.0, 0.0);
(406886.6, 3747844.0, 29.0, 29.0, 0.0); (406896.4, 3747844.0, 29.0, 29.0, 0.0);
(406906.2, 3747844.0, 29.0, 29.0, 0.0); (406916.0, 3747844.0, 29.0, 29.0, 0.0);
(406925.8, 3747844.0, 29.0, 29.0, 0.0); (406935.6, 3747843.9, 29.0, 29.0, 0.0);
(406945.4, 3747843.9, 29.0, 29.0, 0.0); (406955.1, 3747843.9, 29.0, 29.0, 0.0);
(406964.9, 3747843.9, 29.0, 29.0, 0.0); (406974.7, 3747843.9, 29.0, 29.0, 0.0);
(406984.5, 3747843.9, 29.0, 29.0, 0.0); (406994.3, 3747843.9, 29.0, 29.0, 0.0);
(406858.2, 3747845.4, 29.0, 29.0, 0.0); (406849.4, 3747841.7, 29.0, 29.0, 0.0);
(406840.5, 3747838.0, 29.0, 29.0, 0.0); (406828.0, 3747825.5, 29.0, 29.0, 0.0);
(406824.4, 3747816.7, 29.0, 29.0, 0.0); (406820.7, 3747807.9, 29.0, 29.0, 0.0);
(406867.1, 3747849.0, 29.0, 29.0, 0.0); (406876.9, 3747849.0, 29.0, 29.0, 0.0);
(406886.7, 3747849.0, 29.0, 29.0, 0.0); (406896.4, 3747849.0, 29.0, 29.0, 0.0);
(406906.2, 3747849.0, 29.0, 29.0, 0.0); (406916.0, 3747849.0, 29.0, 29.0, 0.0);
(406925.8, 3747849.0, 29.0, 29.0, 0.0); (406935.6, 3747848.9, 29.0, 29.0, 0.0);
(406945.4, 3747848.9, 29.0, 29.0, 0.0); (406955.2, 3747848.9, 29.0, 29.0, 0.0);

(406965.0, 3747848.9, 29.0, 29.0, 0.0); (406974.7, 3747848.9, 29.0, 29.0, 0.0);
(406984.5, 3747848.9, 29.0, 29.0, 0.0); (406994.3, 3747848.9, 29.0, 29.0, 0.0);

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

(406859.3, 3747850.8, 29.0, 29.0, 0.0); (406851.5, 3747847.6, 29.0, 29.0, 0.0);
(406843.7, 3747844.4, 29.0, 29.0, 0.0); (406836.0, 3747841.1, 29.0, 29.0, 0.0);
(406824.9, 3747830.1, 29.0, 29.0, 0.0); (406821.7, 3747822.4, 29.0, 29.0, 0.0);
(406818.5, 3747814.6, 29.0, 29.0, 0.0); (406815.3, 3747806.8, 29.0, 29.0, 0.0);
(406867.1, 3747854.0, 29.0, 29.0, 0.0); (406876.9, 3747854.0, 29.0, 29.0, 0.0);
(406886.7, 3747854.0, 29.0, 29.0, 0.0); (406896.5, 3747854.0, 29.0, 29.0, 0.0);
(406906.2, 3747854.0, 29.0, 29.0, 0.0); (406916.0, 3747854.0, 29.0, 29.0, 0.0);
(406925.8, 3747854.0, 29.0, 29.0, 0.0); (406935.6, 3747853.9, 29.0, 29.0, 0.0);
(406945.4, 3747853.9, 29.0, 29.0, 0.0); (406955.2, 3747853.9, 29.0, 29.0, 0.0);
(406965.0, 3747853.9, 29.0, 29.0, 0.0); (406974.7, 3747853.9, 29.0, 29.0, 0.0);
(406984.5, 3747853.9, 29.0, 29.0, 0.0); (406994.3, 3747853.9, 29.0, 29.0, 0.0);
(406858.6, 3747855.5, 29.0, 29.0, 0.0); (406850.1, 3747852.0, 29.0, 29.0, 0.0);
(406841.6, 3747848.5, 29.0, 29.0, 0.0); (406833.1, 3747845.0, 29.0, 29.0, 0.0);
(406821.1, 3747833.0, 29.0, 29.0, 0.0); (406817.6, 3747824.5, 29.0, 29.0, 0.0);
(406814.1, 3747816.0, 29.0, 29.0, 0.0); (406810.5, 3747807.5, 29.0, 29.0, 0.0);
(406867.1, 3747859.0, 29.0, 29.0, 0.0); (406876.9, 3747859.0, 29.0, 29.0, 0.0);
(406886.7, 3747859.0, 29.0, 29.0, 0.0); (406896.5, 3747859.0, 29.0, 29.0, 0.0);
(406906.2, 3747859.0, 29.0, 29.0, 0.0); (406916.0, 3747859.0, 29.0, 29.0, 0.0);
(406925.8, 3747859.0, 29.0, 29.0, 0.0); (406935.6, 3747858.9, 29.0, 29.0, 0.0);
(406945.4, 3747858.9, 29.0, 29.0, 0.0); (406955.2, 3747858.9, 29.0, 29.0, 0.0);
(406965.0, 3747858.9, 29.0, 29.0, 0.0); (406974.7, 3747858.9, 29.0, 29.0, 0.0);
(406984.5, 3747858.9, 29.0, 29.0, 0.0); (406994.3, 3747858.9, 29.0, 29.0, 0.0);
(406859.4, 3747860.8, 29.0, 29.0, 0.0); (406851.8, 3747857.7, 29.0, 29.0, 0.0);
(406844.1, 3747854.5, 29.0, 29.0, 0.0); (406836.4, 3747851.3, 29.0, 29.0, 0.0);
(406828.8, 3747848.2, 29.0, 29.0, 0.0); (406817.9, 3747837.3, 29.0, 29.0, 0.0);

(406814.7, 3747829.7, 29.0, 29.0, 0.0); (406811.6, 3747822.0, 29.0, 29.0, 0.0);
(406808.4, 3747814.3, 29.0, 29.0, 0.0); (406805.2, 3747806.7, 29.0, 29.0, 0.0);
(406867.1, 3747864.0, 29.0, 29.0, 0.0); (406876.9, 3747864.0, 29.0, 29.0, 0.0);
(406886.7, 3747864.0, 29.0, 29.0, 0.0); (406896.5, 3747864.0, 29.0, 29.0, 0.0);
(406906.2, 3747864.0, 29.0, 29.0, 0.0); (406916.0, 3747864.0, 29.0, 29.0, 0.0);
(406925.8, 3747864.0, 29.0, 29.0, 0.0); (406935.6, 3747863.9, 29.0, 29.0, 0.0);
(406945.4, 3747863.9, 29.0, 29.0, 0.0); (406955.2, 3747863.9, 29.0, 29.0, 0.0);
(406965.0, 3747863.9, 29.0, 29.0, 0.0); (406974.8, 3747863.9, 29.0, 29.0, 0.0);
(406984.5, 3747863.9, 29.0, 29.0, 0.0); (406994.3, 3747863.9, 29.0, 29.0, 0.0);
(406858.8, 3747865.6, 29.0, 29.0, 0.0); (406850.6, 3747862.2, 29.0, 29.0, 0.0);
(406842.3, 3747858.8, 29.0, 29.0, 0.0); (406834.1, 3747855.4, 29.0, 29.0, 0.0);
(406825.8, 3747852.0, 29.0, 29.0, 0.0); (406814.1, 3747840.3, 29.0, 29.0, 0.0);
(406810.7, 3747832.0, 29.0, 29.0, 0.0); (406807.3, 3747823.8, 29.0, 29.0, 0.0);
(406803.9, 3747815.5, 29.0, 29.0, 0.0); (406800.5, 3747807.3, 29.0, 29.0, 0.0);
(406867.1, 3747869.0, 29.0, 29.0, 0.0); (406876.9, 3747869.0, 29.0, 29.0, 0.0);
(406886.7, 3747869.0, 29.0, 29.0, 0.0); (406896.5, 3747869.0, 29.0, 29.0, 0.0);
(406906.2, 3747869.0, 29.0, 29.0, 0.0); (406916.0, 3747869.0, 29.0, 29.0, 0.0);
(406925.8, 3747869.0, 29.0, 29.0, 0.0); (406935.6, 3747868.9, 29.0, 29.0, 0.0);
(406945.4, 3747868.9, 29.0, 29.0, 0.0); (406955.2, 3747868.9, 29.0, 29.0, 0.0);
(406965.0, 3747868.9, 29.0, 29.0, 0.0); (406974.8, 3747868.9, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406984.5, 3747868.9, 29.0, 29.0, 0.0); (406994.3, 3747868.9, 29.0, 29.0, 0.0);
(406858.3, 3747870.4, 29.0, 29.0, 0.0); (406849.4, 3747866.7, 29.0, 29.0, 0.0);
(406840.6, 3747863.0, 29.0, 29.0, 0.0); (406831.7, 3747859.4, 29.0, 29.0, 0.0);
(406822.9, 3747855.7, 29.0, 29.0, 0.0); (406810.4, 3747843.2, 29.0, 29.0, 0.0);
(406806.7, 3747834.4, 29.0, 29.0, 0.0); (406803.0, 3747825.5, 29.0, 29.0, 0.0);
(406799.4, 3747816.7, 29.0, 29.0, 0.0); (406795.7, 3747807.9, 29.0, 29.0, 0.0);
(406867.1, 3747874.0, 29.0, 29.0, 0.0); (406876.9, 3747874.0, 29.0, 29.0, 0.0);

(406886.7, 3747874.0, 29.0, 29.0, 0.0); (406896.5, 3747874.0, 29.0, 29.0, 0.0);
(406906.3, 3747874.0, 29.0, 29.0, 0.0); (406916.0, 3747874.0, 29.0, 29.0, 0.0);
(406925.8, 3747874.0, 29.0, 29.0, 0.0); (406935.6, 3747873.9, 29.0, 29.0, 0.0);
(406945.4, 3747873.9, 29.0, 29.0, 0.0); (406955.2, 3747873.9, 29.0, 29.0, 0.0);
(406965.0, 3747873.9, 29.0, 29.0, 0.0); (406974.8, 3747873.9, 29.0, 29.0, 0.0);
(406984.5, 3747873.9, 29.0, 29.0, 0.0); (406994.3, 3747873.9, 29.0, 29.0, 0.0);
(406859.0, 3747875.7, 29.0, 29.0, 0.0); (406850.9, 3747872.3, 29.0, 29.0, 0.0);
(406842.8, 3747869.0, 29.0, 29.0, 0.0); (406834.8, 3747865.6, 29.0, 29.0, 0.0);
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(406807.1, 3747847.5, 29.0, 29.0, 0.0); (406803.8, 3747839.4, 29.0, 29.0, 0.0);
(406800.4, 3747831.4, 29.0, 29.0, 0.0); (406797.1, 3747823.3, 29.0, 29.0, 0.0);
(406793.7, 3747815.2, 29.0, 29.0, 0.0); (406790.4, 3747807.1, 29.0, 29.0, 0.0);
(406867.1, 3747879.0, 29.0, 29.0, 0.0); (406876.9, 3747879.0, 29.0, 29.0, 0.0);
(406886.7, 3747879.0, 29.0, 29.0, 0.0); (406896.5, 3747879.0, 29.0, 29.0, 0.0);
(406906.3, 3747879.0, 29.0, 29.0, 0.0); (406916.0, 3747879.0, 29.0, 29.0, 0.0);
(406925.8, 3747879.0, 29.0, 29.0, 0.0); (406935.6, 3747878.9, 29.0, 29.0, 0.0);
(406945.4, 3747878.9, 29.0, 29.0, 0.0); (406955.2, 3747878.9, 29.0, 29.0, 0.0);
(406965.0, 3747878.9, 29.0, 29.0, 0.0); (406974.8, 3747878.9, 29.0, 29.0, 0.0);
(406984.5, 3747878.9, 29.0, 29.0, 0.0); (406994.3, 3747878.9, 29.0, 29.0, 0.0);
(406858.5, 3747880.5, 29.0, 29.0, 0.0); (406849.9, 3747876.9, 29.0, 29.0, 0.0);
(406841.3, 3747873.4, 29.0, 29.0, 0.0); (406824.1, 3747866.3, 29.0, 29.0, 0.0);
(406815.5, 3747862.7, 29.0, 29.0, 0.0); (406803.4, 3747850.6, 29.0, 29.0, 0.0);
(406799.8, 3747842.0, 29.0, 29.0, 0.0); (406796.3, 3747833.4, 29.0, 29.0, 0.0);
(406792.7, 3747824.8, 29.0, 29.0, 0.0); (406789.1, 3747816.2, 29.0, 29.0, 0.0);
(406785.6, 3747807.6, 29.0, 29.0, 0.0); (406867.1, 3747884.0, 29.0, 29.0, 0.0);
(406876.9, 3747884.0, 29.0, 29.0, 0.0); (406886.7, 3747884.0, 29.0, 29.0, 0.0);
(406896.5, 3747884.0, 29.0, 29.0, 0.0); (406906.3, 3747884.0, 29.0, 29.0, 0.0);
(406916.0, 3747884.0, 29.0, 29.0, 0.0); (406925.8, 3747884.0, 29.0, 29.0, 0.0);
(406935.6, 3747883.9, 29.0, 29.0, 0.0); (406945.4, 3747883.9, 29.0, 29.0, 0.0);
(406955.2, 3747883.9, 29.0, 29.0, 0.0); (406965.0, 3747883.9, 29.0, 29.0, 0.0);
(406974.8, 3747883.9, 29.0, 29.0, 0.0); (406984.6, 3747883.9, 29.0, 29.0, 0.0);
(406994.3, 3747883.9, 29.0, 29.0, 0.0); (406859.2, 3747885.7, 29.0, 29.0, 0.0);
(406851.2, 3747882.4, 29.0, 29.0, 0.0); (406843.2, 3747879.1, 29.0, 29.0, 0.0);

(406835.3, 3747875.9, 29.0, 29.0, 0.0); (406827.3,
3747872.6, 29.0, 29.0, 0.0);
(406819.3, 3747869.3, 29.0, 29.0, 0.0); (406811.4,
3747866.0, 29.0, 29.0, 0.0);
(406800.1, 3747854.7, 29.0, 29.0, 0.0); (406796.8,
3747846.8, 29.0, 29.0, 0.0);
(406793.5, 3747838.8, 29.0, 29.0, 0.0); (406790.2,
3747830.9, 29.0, 29.0, 0.0);
(406786.9, 3747822.9, 29.0, 29.0, 0.0); (406783.6,
3747814.9, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406780.3, 3747807.0, 29.0, 29.0, 0.0); (406867.1,
3747889.0, 29.0, 29.0, 0.0);
(406876.9, 3747889.0, 29.0, 29.0, 0.0); (406886.7,
3747889.0, 29.0, 29.0, 0.0);
(406896.5, 3747889.0, 29.0, 29.0, 0.0); (406906.3,
3747889.0, 29.0, 29.0, 0.0);
(406916.1, 3747889.0, 29.0, 29.0, 0.0); (406925.8,
3747889.0, 29.0, 29.0, 0.0);
(406935.6, 3747888.9, 29.0, 29.0, 0.0); (406945.4,
3747888.9, 29.0, 29.0, 0.0);
(406955.2, 3747888.9, 29.0, 29.0, 0.0); (406965.0,
3747888.9, 29.0, 29.0, 0.0);
(406974.8, 3747888.9, 29.0, 29.0, 0.0); (406984.6,
3747888.9, 29.0, 29.0, 0.0);
(406994.3, 3747888.9, 29.0, 29.0, 0.0); (406858.7,
3747890.5, 29.0, 29.0, 0.0);
(406850.3, 3747887.1, 29.0, 29.0, 0.0); (406833.5,
3747880.1, 29.0, 29.0, 0.0);
(406825.1, 3747876.6, 29.0, 29.0, 0.0); (406816.7,
3747873.2, 29.0, 29.0, 0.0);
(406808.3, 3747869.7, 29.0, 29.0, 0.0); (406796.4,
3747857.8, 29.0, 29.0, 0.0);
(406792.9, 3747849.4, 29.0, 29.0, 0.0); (406789.4,
3747841.0, 29.0, 29.0, 0.0);
(406786.0, 3747832.6, 29.0, 29.0, 0.0); (406782.5,
3747824.2, 29.0, 29.0, 0.0);
(406779.0, 3747815.8, 29.0, 29.0, 0.0); (406775.5,
3747807.4, 29.0, 29.0, 0.0);
(406867.1, 3747894.0, 29.0, 29.0, 0.0); (406876.9,
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(406886.7, 3747894.0, 29.0, 29.0, 0.0); (406896.5,
3747894.0, 29.0, 29.0, 0.0);
(406906.3, 3747894.0, 29.0, 29.0, 0.0); (406916.1,
3747894.0, 29.0, 29.0, 0.0);
(406925.8, 3747894.0, 29.0, 29.0, 0.0); (406935.6,
3747893.9, 29.0, 29.0, 0.0);
(406945.4, 3747893.9, 29.0, 29.0, 0.0); (406955.2,
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(406984.6, 3747893.9, 29.0, 29.0, 0.0); (406994.3,
3747893.9, 29.0, 29.0, 0.0);
(406858.3, 3747895.4, 29.0, 29.0, 0.0); (406849.4,
3747891.7, 29.0, 29.0, 0.0);

(406840.6, 3747888.0, 29.0, 29.0, 0.0); (406831.8, 3747884.4, 29.0, 29.0, 0.0);
(406822.9, 3747880.7, 29.0, 29.0, 0.0); (406814.0, 3747877.1, 29.0, 29.0, 0.0);
(406805.2, 3747873.4, 29.0, 29.0, 0.0); (406792.7, 3747860.9, 29.0, 29.0, 0.0);
(406789.0, 3747852.1, 29.0, 29.0, 0.0); (406785.4, 3747843.2, 29.0, 29.0, 0.0);
(406781.7, 3747834.4, 29.0, 29.0, 0.0); (406778.0, 3747825.5, 29.0, 29.0, 0.0);
(406774.4, 3747816.7, 29.0, 29.0, 0.0); (406770.7, 3747807.9, 29.0, 29.0, 0.0);
(406867.1, 3747899.0, 29.0, 29.0, 0.0); (406876.9, 3747899.0, 29.0, 29.0, 0.0);
(406886.7, 3747899.0, 29.0, 29.0, 0.0); (406896.5, 3747899.0, 29.0, 29.0, 0.0);
(406906.3, 3747899.0, 29.0, 29.0, 0.0); (406916.1, 3747899.0, 29.0, 29.0, 0.0);
(406925.9, 3747899.0, 29.0, 29.0, 0.0); (406935.6, 3747898.9, 29.0, 29.0, 0.0);
(406945.4, 3747898.9, 29.0, 29.0, 0.0); (406955.2, 3747898.9, 29.0, 29.0, 0.0);
(406965.0, 3747898.9, 29.0, 29.0, 0.0); (406974.8, 3747898.9, 29.0, 29.0, 0.0);
(406984.6, 3747898.9, 29.0, 29.0, 0.0); (406994.4, 3747898.9, 29.0, 29.0, 0.0);
(406867.0, 3747799.0, 29.0, 29.0, 0.0); (406994.2, 3747798.9, 29.0, 29.0, 0.0);
(406994.4, 3747671.8, 29.0, 29.0, 0.0); (406867.0, 3747671.7, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

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

   Surface file:
   KFUL_V9_ADJU\KFUL_v9.SFC   Met
   Version: 16216
   Profile file:
   KFUL_V9_ADJU\KFUL_v9.PFL
   Surface format:
   FREE

   Profile format:
   FREE

   Surface station no.:   3166   Upper air station no.:   3190
                 Name: UNKNOWN   Name:
                 UNKNOWN
                 Year: 2012   Year: 2012

 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
- - - -

```
 12 01 01   1 18   -4.3  0.094 -9.000 -9.000 -999.   69.     17.5  0.26   2.61   1.00    0.91
 190.   10.1  292.0    2.0
 12 01 01   1 19   -2.8  0.079 -9.000 -9.000 -999.   54.     16.3  0.26   2.61   1.00    0.70
 302.   10.1  289.2    2.0
 12 01 01   1 20   -4.0  0.091 -9.000 -9.000 -999.   65.     17.0  0.26   2.61   1.00    0.87
 338.   10.1  288.1    2.0
 12 01 01   1 21   -6.3  0.113 -9.000 -9.000 -999.   91.     20.5  0.26   2.61   1.00    1.11
 304.   10.1  287.0    2.0
 12 01 01   1 22   -3.1  0.082 -9.000 -9.000 -999.   57.     16.3  0.26   2.61   1.00    0.75
 76.   10.1  285.4    2.0
 12 01 01   1 23   -2.4  0.076 -9.000 -9.000 -999.   50.     16.7  0.26   2.61   1.00    0.62
 306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26   2.61   1.00    0.82
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:58:07

                     PAGE  27
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     VOL1        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
         406999.25    3747798.89        0.00735                      406999.26
         3747789.11        0.00821
         406999.27    3747779.33        0.00908                      406999.28
         3747769.56        0.00987
         406999.29    3747759.78        0.01047                      406999.30
         3747750.01        0.01075
         406999.31    3747740.23        0.01055                      406999.32
         3747730.46        0.00982
         406999.33    3747720.68        0.00863                      406999.34
         3747710.91        0.00724
         406999.35    3747701.13        0.00598                      406999.36
         3747691.36        0.00495
         406999.37    3747681.58        0.00410                      406999.38
         3747671.81        0.00340
         407004.25    3747798.89        0.00677                      407004.26
         3747789.11        0.00747
         407004.27    3747779.34        0.00815                      407004.28
         3747769.56        0.00874
         407004.29    3747759.79        0.00915                      407004.30
         3747750.01        0.00928
         407004.31    3747740.24        0.00906                      407004.32
         3747730.46        0.00843
         407004.33    3747720.69        0.00748                      407004.34
         3747710.91        0.00637
```

407004.35 3747701.14 0.00534 407004.36
3747691.36 0.00447
407004.37 3747681.59 0.00375 407004.38
3747671.81 0.00314
407007.05 3747804.19 0.00612 406999.56
3747811.68 0.00628
407009.25 3747798.90 0.00622 407009.26
3747789.12 0.00679
407009.27 3747779.34 0.00732 407009.28
3747769.57 0.00775
407009.29 3747759.79 0.00802 407009.30
3747750.02 0.00806
407009.31 3747740.24 0.00781 407009.32
3747730.47 0.00727
407009.33 3747720.69 0.00650 407009.34
3747710.92 0.00562
407009.35 3747701.14 0.00477 407009.36
3747691.37 0.00404
407009.37 3747681.59 0.00342 407009.38
3747671.82 0.00290
407011.32 3747805.96 0.00563 407001.33
3747815.95 0.00583
407014.25 3747798.90 0.00572 407014.26
3747789.13 0.00617
407014.27 3747779.35 0.00657 407014.28
3747769.57 0.00688
407014.29 3747759.80 0.00705 407014.30
3747750.02 0.00702
407014.31 3747740.25 0.00678 407014.32
3747730.47 0.00631
407014.33 3747720.70 0.00568 407014.34
3747710.92 0.00497
407014.35 3747701.15 0.00427 407014.36
3747691.37 0.00366
407014.37 3747681.60 0.00314 407014.38
3747671.82 0.00268
407015.59 3747807.73 0.00519 407003.10
3747820.22 0.00542
407019.25 3747798.91 0.00525 407019.26
3747789.13 0.00561
407019.27 3747779.35 0.00591 407019.28
3747769.58 0.00613
407019.29 3747759.80 0.00622 407019.30
3747750.03 0.00615
407019.31 3747740.25 0.00591 407019.32
3747730.48 0.00551
407019.33 3747720.70 0.00499 407019.34
3747710.93 0.00441
407019.35 3747701.15 0.00384 407019.36
3747691.38 0.00332
407019.37 3747681.60 0.00288 407019.38
3747671.83 0.00248
407021.32 3747805.97 0.00482 407018.39
3747813.03 0.00476
407008.40 3747823.02 0.00493 407001.34
3747825.95 0.00517

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407024.25	3747798.91	0.00482	407024.26	3747789.14	0.00510
407024.27	3747779.36	0.00533	407024.28	3747769.58	0.00547
407024.29	3747759.81	0.00551	407024.30	3747750.03	0.00542
407024.31	3747740.26	0.00519	407024.32	3747730.48	0.00484
407024.33	3747720.71	0.00440	407024.34	3747710.93	0.00393
407024.35	3747701.16	0.00346	407024.36	3747691.38	0.00303
407024.37	3747681.61	0.00264	407024.38	3747671.83	0.00230
407025.83	3747807.15	0.00445	407022.42	3747815.39	0.00440
407010.76	3747827.05	0.00459	407002.53	3747830.46	0.00484
407029.25	3747798.92	0.00443	407029.26	3747789.14	0.00464
407029.27	3747779.37	0.00481	407029.28	3747769.59	0.00490
407029.29	3747759.81	0.00490	407029.30	3747750.04	0.00479
407029.31	3747740.26	0.00458	407029.32	3747730.49	0.00428
407029.33	3747720.71	0.00391	407029.34	3747710.94	0.00351
407029.35	3747701.16	0.00312	407029.36	3747691.39	0.00276
407029.37	3747681.61	0.00243	407029.38	3747671.84	0.00214
407031.32	3747805.98	0.00411	407028.39	3747813.04	0.00411
407025.46	3747820.10	0.00407	407015.48	3747830.09	0.00422
407008.41	3747833.02	0.00442	407001.35	3747835.95	0.00458
407034.25	3747798.92	0.00406	407034.26	3747789.15	0.00423
407034.27	3747779.37	0.00435	407034.28	3747769.59	0.00440
407034.29	3747759.82	0.00437	407034.30	3747750.04	0.00426
407034.31	3747740.27	0.00407	407034.32	3747730.49	0.00380
407034.33	3747720.72	0.00349	407034.34	3747710.94	0.00316
407034.35	3747701.17	0.00283	407034.36	3747691.39	0.00253
407034.37	3747681.62	0.00224	407034.38	3747671.84	0.00199
407035.96	3747806.87	0.00380	407032.66	3747814.81	0.00382
407029.37	3747822.76	0.00378	407018.13		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407044.27	3747779.38	0.00358	407044.28	3747769.60	0.00358
407044.29	3747759.83	0.00353	407044.30	3747750.05	0.00342
407044.31	3747740.28	0.00326	407044.32	3747730.50	0.00305
407044.33	3747720.73	0.00283	407044.34	3747710.95	0.00259
407044.35	3747701.18	0.00236	407044.36	3747691.40	0.00213
407044.37	3747681.63	0.00192	407044.38	3747671.85	0.00172
407046.03	3747806.70	0.00325	407042.81	3747814.47	0.00329
407039.59	3747822.24	0.00331	407036.36	3747830.00	0.00328
407025.38	3747840.99	0.00343	407017.61	3747844.21	0.00360
407009.84	3747847.44	0.00374	407002.08	3747850.66	0.00383
407010.19	3747837.29	0.00415	407002.24	3747840.58	0.00430
407039.25	3747798.93	0.00373	407039.26	3747789.15	0.00386
407039.27	3747779.38	0.00394	407039.28	3747769.60	0.00396
407039.29	3747759.82	0.00392	407039.30	3747750.05	0.00381
407039.31	3747740.27	0.00363	407039.32	3747730.50	0.00340
407039.33	3747720.72	0.00313	407039.34	3747710.95	0.00286
407039.35	3747701.17	0.00258	407039.36	3747691.40	0.00232
407039.37	3747681.62	0.00207	407039.38	3747671.85	0.00185
407040.59	3747807.76	0.00352	407036.93	3747816.58	0.00355
407033.27	3747825.41	0.00353	407020.78	3747837.90	0.00370
407011.96	3747841.56	0.00390	407003.13	3747845.22	0.00405
407044.25	3747798.93	0.00343	407044.26	3747789.16	0.00353

407049.25 3747798.94 0.00316 407049.26
3747789.16 0.00323
407049.27 3747779.39 0.00326 407049.28
3747769.61 0.00324
407049.29 3747759.83 0.00318 407049.30
3747750.06 0.00308
407049.31 3747740.28 0.00293 407049.32
3747730.51 0.00276
407049.33 3747720.73 0.00257 407049.34
3747710.96 0.00236
407049.35 3747701.18 0.00216 407049.36
3747691.41 0.00197
407049.37 3747681.63 0.00179 407049.38
3747671.86 0.00161
407050.74 3747807.41 0.00301 407047.22
3747815.89 0.00307
407043.71 3747824.36 0.00309 407040.19
3747832.83 0.00307
407028.21 3747844.82 0.00322 407019.73
3747848.33 0.00339
407002.79 3747855.36 0.00361 407054.25
3747798.94 0.00291
407054.26 3747789.17 0.00296 407054.27
3747779.39 0.00297
407054.28 3747769.62 0.00295 407054.29
3747759.84 0.00288
407054.30 3747750.06 0.00279 407054.31
3747740.29 0.00266
407054.32 3747730.51 0.00250 407054.33
3747720.74 0.00234
407054.34 3747710.96 0.00216 407054.35
3747701.19 0.00199
407054.36 3747691.41 0.00182 407054.37
3747681.64 0.00166
407054.38 3747671.86 0.00151 407056.08
3747806.60 0.00278
407052.90 3747814.24 0.00284 407049.73
3747821.89 0.00288
407046.56 3747829.54 0.00289 407043.39
3747837.19 0.00288
407032.57 3747848.01 0.00300 407024.92
3747851.19 0.00315
407017.27 3747854.36 0.00327 407009.62
3747857.53 0.00336
407001.97 3747860.71 0.00341 407059.25
3747798.95 0.00268
407059.26 3747789.17 0.00271 407059.27
3747779.40 0.00272
407059.28 3747769.62 0.00268 407059.29
3747759.84 0.00262
407059.30 3747750.07 0.00253 407059.31
3747740.29 0.00242
407059.32 3747730.52 0.00228 407059.33
3747720.74 0.00214
407059.34 3747710.97 0.00199 407059.35
3747701.19 0.00184
407059.36 3747691.42 0.00169 407059.37
3747681.64 0.00155
407059.38 3747671.87 0.00141 407060.83
3747807.19 0.00258

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407057.42	3747815.43	0.00265	407054.00	3747823.66	0.00270
407050.58	3747831.90	0.00271	407047.17	3747840.14	0.00270
407035.51	3747851.79	0.00283	407027.28	3747855.21	0.00298
407019.04	3747858.63	0.00309	407010.80	3747862.05	0.00318
407002.56	3747865.46	0.00322	407064.25	3747798.95	0.00248
407064.26	3747789.18	0.00250	407064.27	3747779.40	0.00249
407064.28	3747769.63	0.00245	407064.29	3747759.85	0.00239
407064.30	3747750.07	0.00231	407064.31	3747740.30	0.00221
407064.32	3747730.52	0.00209	407064.33	3747720.75	0.00196
407064.34	3747710.97	0.00183	407064.35	3747701.20	0.00170
407064.36	3747691.42	0.00157	407064.37	3747681.65	0.00145
407064.38	3747671.87	0.00132	407065.59	3747807.78	0.00240
407061.93	3747816.61	0.00247	407058.27	3747825.43	0.00253
407054.61	3747834.26	0.00255	407050.95	3747843.09	0.00254
407038.46	3747855.57	0.00267	407029.63	3747859.23	0.00282
407020.81	3747862.90	0.00293	407011.98	3747866.56	0.00301
407003.16	3747870.22	0.00304	407069.25	3747798.96	0.00229
407069.26	3747789.18	0.00230	407069.27	3747779.41	0.00229
407069.28	3747769.63	0.00225	407069.29	3747759.86	0.00219
407069.30	3747750.08	0.00211	407069.31	3747740.30	0.00202
407069.32	3747730.53	0.00192	407069.33	3747720.75	0.00181
407069.34	3747710.98	0.00169	407069.35	3747701.20	0.00158
407069.36	3747691.43	0.00147	407069.37	3747681.65	0.00135
407069.38	3747671.88	0.00124	407070.90	3747807.03	0.00222
407067.56	3747815.10	0.00229	407064.21	3747823.17	0.00235
407060.86	3747831.24	0.00239	407057.51		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407054.17	3747847.38	0.00239	407042.75	3747839.31	0.00240
407034.68	3747862.14	0.00263	407026.61	3747858.79	0.00251
407018.54	3747868.84	0.00282	407010.48	3747865.49	0.00274
407002.41	3747875.53	0.00288	407074.25	3747872.18	0.00286
407074.26	3747789.19	0.00212	407074.27	3747798.96	0.00212
407074.28	3747769.64	0.00207	407074.29	3747779.41	0.00210
407074.30	3747750.08	0.00194	407074.31	3747759.86	0.00201
407074.32	3747730.53	0.00177	407074.33	3747740.31	0.00186
407074.34	3747710.98	0.00157	407074.35	3747720.76	0.00167
407074.36	3747691.43	0.00137	407074.37	3747701.21	0.00147
407074.38	3747671.88	0.00117	407075.69	3747681.66	0.00127
407072.14	3747816.11	0.00214	407068.58	3747807.54	0.00206
407065.03	3747833.26	0.00224	407061.47	3747824.69	0.00220
407057.91	3747850.41	0.00226	407045.78	3747841.83	0.00226
407037.21	3747866.10	0.00250	407028.64	3747862.54	0.00237
407020.06	3747873.21	0.00267	407011.49	3747869.65	0.00260
407002.92	3747880.32	0.00273	407079.25	3747876.77	0.00272
407079.26	3747789.19	0.00196	407079.27	3747798.97	0.00197
407079.28	3747769.64	0.00190	407079.29	3747779.42	0.00194
407079.30	3747750.09	0.00179	407079.31	3747759.87	0.00185
407079.32	3747730.54	0.00163	407079.33	3747740.31	0.00171
407079.34	3747710.99	0.00146	407079.35	3747720.76	0.00155
	3747701.21	0.00137			

407079.36	3747691.44	0.00128	407079.37	3747681.66	0.00119
407079.38	3747671.89	0.00110	407080.96	3747806.92	0.00191
407077.66	3747814.86	0.00199	407074.37	3747822.80	0.00205
407071.07	3747830.74	0.00210	407067.78	3747838.69	0.00212
407064.48	3747846.63	0.00214	407061.19	3747854.57	0.00213
407049.95	3747865.81	0.00223	407042.01	3747869.11	0.00234
407034.06	3747872.40	0.00244	407026.12	3747875.70	0.00251
407018.18	3747878.99	0.00256	407010.23	3747882.29	0.00258
407002.29	3747885.58	0.00258	407084.25	3747798.97	0.00183
407084.26	3747789.20	0.00182	407084.27	3747779.42	0.00179
407084.28	3747769.65	0.00176	407084.29	3747759.87	0.00171
407084.30	3747750.10	0.00165	407084.31	3747740.32	0.00158
407084.32	3747730.54	0.00151	407084.33	3747720.77	0.00144
407084.34	3747710.99	0.00136	407084.35	3747701.22	0.00128
407084.36	3747691.44	0.00120	407084.37	3747681.67	0.00112
407084.38	3747671.89	0.00104	407085.77	3747807.36	0.00179
407082.29	3747815.75	0.00186	407078.82	3747824.13	0.00193
407075.34	3747832.51	0.00197	407071.86	3747840.90	0.00201
407068.38	3747849.28	0.00202	407064.91	3747857.67	0.00202
407053.04	3747869.53	0.00212	407044.66	3747873.01	0.00223
407036.28	3747876.49	0.00232	407027.89	3747879.97	0.00239
407019.51	3747883.44	0.00243	407011.12	3747886.92	0.00245
407002.74	3747890.40	0.00244	407089.25	3747798.98	0.00170
407089.26	3747789.20	0.00169	407089.27	3747779.43	0.00166
407089.28	3747769.65	0.00163	407089.29	3747759.88	0.00158
407089.30	3747750.10	0.00153	407089.31	3747740.32	0.00147
407089.32	3747730.55	0.00141	407089.33	3747720.77	0.00134
407089.34	3747711.00	0.00127	407089.35	3747701.22	0.00120
407089.36	3747691.45	0.00113	407089.37	3747681.67	0.00106
407089.38	3747671.90	0.00098	407090.59	3747807.81	0.00167
407086.93	3747816.63	0.00175	407083.27	3747825.46	0.00181
407079.61	3747834.29	0.00186	407075.95	3747843.11	0.00190

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407072.29	3747851.94	0.00191	407068.62	3747860.76	0.00191
407056.14	3747873.25	0.00202	407047.31	3747876.91	0.00212
407038.49	3747880.57	0.00221	407029.66	3747884.23	0.00228
407020.84	3747887.90	0.00232	407012.01	3747891.56	0.00233
407003.19	3747895.22	0.00232	407094.25	3747798.98	0.00158
407094.26	3747789.21	0.00157	407094.27	3747779.43	0.00154
407094.28	3747769.66	0.00151	407094.29	3747759.88	0.00147
407094.30	3747750.11	0.00142	407094.31	3747740.33	0.00137
407094.32	3747730.55	0.00131	407094.33	3747720.78	0.00125
407094.34	3747711.00	0.00119	407094.35	3747701.23	0.00112
407094.36	3747691.45	0.00106	407094.37	3747681.68	0.00100
407094.38	3747671.90	0.00093	406994.39	3747666.80	0.00333
406984.59	3747666.79	0.00384	406974.79	3747666.78	0.00439
406965.00	3747666.77	0.00496	406955.20	3747666.76	0.00546
406945.40	3747666.75	0.00583	406935.61	3747666.74	0.00601
406925.81	3747666.73	0.00598	406916.02	3747666.72	0.00573
406906.22	3747666.71	0.00528	406896.42	3747666.70	0.00472
406886.63	3747666.69	0.00412	406876.83	3747666.68	0.00355
406867.04	3747666.67	0.00304	406994.39	3747661.80	0.00301
406984.59	3747661.79	0.00343	406974.80	3747661.78	0.00387
406965.00	3747661.77	0.00431	406955.21	3747661.76	0.00470
406945.41	3747661.75	0.00498	406935.61	3747661.74	0.00511
406925.82	3747661.73	0.00508	406916.02	3747661.72	0.00488
406906.22	3747661.71	0.00454	406896.43		

3747661.70	0.00411			
406886.63	3747661.69	0.00364	406876.84	
3747661.68	0.00317			
406867.04	3747661.67	0.00275	406999.70	
3747659.00	0.00265			
407007.19	3747666.51	0.00274	406994.40	
3747656.80	0.00272			
406984.60	3747656.79	0.00306	406974.80	
3747656.78	0.00342			
406965.01	3747656.77	0.00377	406955.21	
3747656.76	0.00407			
406945.41	3747656.75	0.00428	406935.62	
3747656.74	0.00438			
406925.82	3747656.73	0.00435	406916.03	
3747656.72	0.00419			
406906.23	3747656.71	0.00393	406896.43	
3747656.70	0.00359			
406886.64	3747656.69	0.00322	406876.84	
3747656.68	0.00284			
406867.05	3747656.67	0.00249	407001.47	
3747654.74	0.00239			
407011.46	3747664.75	0.00250	406994.40	
3747651.80	0.00246			
406984.60	3747651.79	0.00275	406974.81	
3747651.78	0.00304			
406965.01	3747651.77	0.00331	406955.22	
3747651.76	0.00354			
406945.42	3747651.75	0.00370	406935.62	
3747651.74	0.00378			
406925.83	3747651.73	0.00375	406916.03	
3747651.72	0.00363			
406906.24	3747651.71	0.00342	406896.44	
3747651.70	0.00315			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406886.64	3747651.69	0.00285	406876.85		
3747651.68	0.00255				
406867.05	3747651.67	0.00226	407003.24		
3747650.47	0.00217				
407015.73	3747662.98	0.00228	406994.41		
3747646.80	0.00223				
406984.61	3747646.79	0.00247	406974.81		
3747646.78	0.00271				
406965.02	3747646.77	0.00292	406955.22		
3747646.76	0.00311				
406945.42	3747646.75	0.00323	406935.63		
3747646.74	0.00329				

406925.83 3747646.73 0.00326 406916.04
3747646.72 0.00317
406906.24 3747646.71 0.00300 406896.44
3747646.70 0.00279
406886.65 3747646.69 0.00254 406876.85
3747646.68 0.00229
406867.06 3747646.67 0.00205 407001.48
3747644.74 0.00200
407008.55 3747647.67 0.00194 407018.54
3747657.68 0.00203
407021.46 3747664.76 0.00217 406994.41
3747641.80 0.00203
406984.61 3747641.79 0.00223 406974.82
3747641.78 0.00242
406965.02 3747641.77 0.00259 406955.23
3747641.76 0.00274
406945.43 3747641.75 0.00284 406935.63
3747641.74 0.00288
406925.84 3747641.73 0.00286 406916.04
3747641.72 0.00278
406906.25 3747641.71 0.00265 406896.45
3747641.70 0.00247
406886.65 3747641.69 0.00227 406876.86
3747641.68 0.00207
406867.06 3747641.67 0.00186 407002.66
3747640.23 0.00182
407010.91 3747643.65 0.00177 407022.56
3747655.33 0.00186
407025.97 3747663.58 0.00200 406994.42
3747636.80 0.00185
406984.62 3747636.79 0.00201 406974.82
3747636.78 0.00217
406965.03 3747636.77 0.00231 406955.23
3747636.76 0.00243
406945.43 3747636.75 0.00251 406935.64
3747636.74 0.00254
406925.84 3747636.73 0.00252 406916.05
3747636.72 0.00246
406906.25 3747636.71 0.00235 406896.45
3747636.70 0.00220
406886.66 3747636.69 0.00204 406876.86
3747636.68 0.00187
406867.07 3747636.67 0.00170 407001.49
3747634.74 0.00167
407008.56 3747637.67 0.00164 407015.63
3747640.61 0.00161
407025.61 3747650.62 0.00167 407028.54
3747657.69 0.00178
407031.46 3747664.77 0.00189 406994.42
3747631.80 0.00169
406984.62 3747631.79 0.00182 406974.83
3747631.78 0.00195
406965.03 3747631.77 0.00207 406955.24
3747631.76 0.00216
406945.44 3747631.75 0.00223 406935.64
3747631.74 0.00225
406925.85 3747631.73 0.00224 406916.05
3747631.72 0.00218
406906.26 3747631.71 0.00209 406896.46
3747631.70 0.00198
406886.66 3747631.69 0.00184 406876.87
3747631.68 0.00170
406867.07 3747631.67 0.00155 407002.38
3747630.10 0.00153
407010.33 3747633.41 0.00151 407018.28
3747636.71 0.00147

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407036.09	3747663.89	0.00175	406994.43	3747626.80	0.00154
406984.63	3747626.79	0.00166	406974.83	3747626.78	0.00177
406965.04	3747626.77	0.00186	406955.24	3747626.76	0.00194
406945.45	3747626.75	0.00199	406935.65	3747626.74	0.00201
406925.85	3747626.73	0.00199	406916.06	3747626.72	0.00195
406906.26	3747626.71	0.00187	406896.46	3747626.70	0.00178
406886.67	3747626.69	0.00166	406876.87	3747626.68	0.00154
406867.08	3747626.67	0.00142	407003.27	3747625.47	0.00141
407012.10	3747629.14	0.00139	407020.94	3747632.81	0.00135
407033.42	3747645.32	0.00142	407037.08	3747654.17	0.00153
407040.73	3747663.01	0.00163	406994.43	3747621.80	0.00141
406984.63	3747621.79	0.00151	406974.84	3747621.78	0.00160
406965.04	3747621.77	0.00168	406955.25	3747621.76	0.00174
406945.45	3747621.75	0.00178	406935.65	3747621.74	0.00180
406925.86	3747621.73	0.00179	406916.06	3747621.72	0.00175
406906.27	3747621.71	0.00169	406896.47	3747621.70	0.00161
406886.67	3747621.69	0.00151	406876.88	3747621.68	0.00141
406867.08	3747621.67	0.00130	407002.21	3747620.03	0.00130
407009.99	3747623.26	0.00129	407017.76	3747626.49	0.00127
407025.54	3747629.72	0.00124	407036.52	3747640.73	0.00129
407039.74	3747648.51	0.00138	407042.95	3747656.29	0.00146
407046.17	3747664.07	0.00154	406994.44		

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        3747616.80        0.00130
        406984.64    3747616.79        0.00138                      406974.84
        3747616.78        0.00146
        406965.05    3747616.77        0.00152                      406955.25
        3747616.76        0.00157
        406945.46    3747616.75        0.00161                      406935.66
        3747616.74        0.00162
        406925.86    3747616.73        0.00161                      406916.07
        3747616.72        0.00158
        406906.27    3747616.71        0.00152                      406896.47
        3747616.70        0.00146
        406886.68    3747616.69        0.00138                      406876.88
        3747616.68        0.00129
        406867.09    3747616.67        0.00120                      407002.92
        3747615.32        0.00120
        407011.40    3747618.85        0.00119                      407019.89
        3747622.37        0.00117
        407028.37    3747625.89        0.00115                      407040.36
        3747637.91        0.00120
        407043.86    3747646.39        0.00129                      407047.37
        3747654.88        0.00137
        407050.87    3747663.37        0.00144                      406994.44
        3747611.80        0.00120
        406984.65    3747611.79        0.00127                      406974.85
        3747611.78        0.00133
        406965.05    3747611.77        0.00138                      406955.26
        3747611.76        0.00143
        406945.46    3747611.75        0.00145                      406935.66
        3747611.74        0.00146
        406925.87    3747611.73        0.00146                      406916.07
        3747611.72        0.00143
        406906.28    3747611.71        0.00138                      406896.48
        3747611.70        0.00133
        406886.68    3747611.69        0.00126                      406876.89
        3747611.68        0.00118
        406867.09    3747611.67        0.00110                      407002.10
        3747609.98        0.00111
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:58:07

                     PAGE  35
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD
      (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
        407009.76    3747613.16        0.00110                      407017.42
        3747616.34        0.00109
        407025.07    3747619.52        0.00108                      407032.73
        3747622.70        0.00106
        407043.55    3747633.55        0.00110                      407046.72
        3747641.21        0.00117
        407049.88    3747648.88        0.00124                      407053.05
        3747656.54        0.00130
```

407056.21 3747664.20 0.00136 406994.45
3747606.80 0.00110
406984.65 3747606.79 0.00116 406974.85
3747606.78 0.00122
406965.06 3747606.77 0.00126 406955.26
3747606.76 0.00130
406945.47 3747606.75 0.00132 406935.67
3747606.74 0.00133
406925.87 3747606.73 0.00132 406916.08
3747606.72 0.00130
406906.28 3747606.71 0.00126 406896.48
3747606.70 0.00121
406886.69 3747606.69 0.00115 406876.89
3747606.68 0.00109
406867.10 3747606.67 0.00102 407002.70
3747605.23 0.00103
407010.94 3747608.65 0.00102 407019.19
3747612.08 0.00102
407027.44 3747615.50 0.00100 407035.68
3747618.93 0.00098
407047.34 3747630.61 0.00103 407050.75
3747638.86 0.00109
407054.15 3747647.11 0.00116 407057.56
3747655.37 0.00122
407060.97 3747663.62 0.00128 406994.45
3747601.80 0.00102
406984.66 3747601.79 0.00107 406974.86
3747601.78 0.00112
406965.06 3747601.77 0.00116 406955.27
3747601.76 0.00119
406945.47 3747601.75 0.00121 406935.67
3747601.74 0.00121
406925.88 3747601.73 0.00120 406916.08
3747601.72 0.00118
406906.29 3747601.71 0.00115 406896.49
3747601.70 0.00111
406886.69 3747601.69 0.00106 406876.90
3747601.68 0.00100
406867.10 3747601.67 0.00094 407003.29
3747600.47 0.00095
407012.13 3747604.14 0.00095 407020.96
3747607.81 0.00095
407029.80 3747611.48 0.00093 407038.63
3747615.15 0.00091
407051.12 3747627.66 0.00096 407054.77
3747636.51 0.00102
407058.42 3747645.35 0.00109 407062.08
3747654.19 0.00115
407065.73 3747663.03 0.00120 406994.46
3747596.80 0.00094
406984.66 3747596.79 0.00099 406974.86
3747596.78 0.00103
406965.07 3747596.77 0.00106 406955.27
3747596.76 0.00109
406945.48 3747596.75 0.00110 406935.68
3747596.74 0.00111
406925.88 3747596.73 0.00110 406916.09
3747596.72 0.00108
406906.29 3747596.71 0.00106 406896.50
3747596.70 0.00102
406886.70 3747596.69 0.00098 406876.90
3747596.68 0.00093
406867.11 3747596.67 0.00088 407002.54
3747595.16 0.00088
407010.62 3747598.51 0.00089 407018.70
3747601.87 0.00088

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407026.77	3747605.22	0.00088	407034.85	3747608.58	0.00087
407042.93	3747611.93	0.00085	407054.35	3747623.37	0.00089
407057.68	3747631.46	0.00094	407061.02	3747639.54	0.00100
407064.36	3747647.63	0.00105	407067.70	3747655.71	0.00109
407071.04	3747663.80	0.00114	406994.46	3747591.80	0.00088
406984.67	3747591.79	0.00091	406974.87	3747591.78	0.00095
406965.07	3747591.77	0.00098	406955.28	3747591.76	0.00100
406945.48	3747591.75	0.00101	406935.68	3747591.74	0.00102
406925.89	3747591.73	0.00101	406916.09	3747591.72	0.00100
406906.30	3747591.71	0.00097	406896.50	3747591.70	0.00094
406886.70	3747591.69	0.00090	406876.91	3747591.68	0.00086
406867.11	3747591.67	0.00081	407003.05	3747590.37	0.00082
407011.63	3747593.93	0.00083	407020.21	3747597.50	0.00083
407028.80	3747601.06	0.00082	407037.38	3747604.63	0.00081
407045.96	3747608.19	0.00079	407058.09	3747620.35	0.00083
407061.64	3747628.94	0.00088	407065.19	3747637.53	0.00094
407068.74	3747646.12	0.00099	407072.28	3747654.71	0.00103
407075.83	3747663.30	0.00107	406994.47	3747586.80	0.00081
406984.67	3747586.79	0.00085	406974.87	3747586.78	0.00088
406965.08	3747586.77	0.00090	406955.28	3747586.76	0.00092
406945.49	3747586.75	0.00093	406935.69	3747586.74	0.00094
406925.89	3747586.73	0.00093	406916.10	3747586.72	0.00092
406906.30	3747586.71	0.00090	406896.51		

3747586.70	0.00087			
406886.71	3747586.69	0.00083	406876.91	
3747586.68	0.00080			
406867.12	3747586.67	0.00076	407002.42	
3747585.10	0.00077			
407010.38	3747588.41	0.00077	407018.33	
3747591.71	0.00077			
407026.28	3747595.01	0.00077	407034.23	
3747598.32	0.00076			
407042.18	3747601.62	0.00075	407050.13	
3747604.92	0.00074			
407061.37	3747616.18	0.00077	407064.66	
3747624.14	0.00082			
407067.95	3747632.10	0.00086	407071.23	
3747640.06	0.00091			
407074.52	3747648.02	0.00095	407077.81	
3747655.98	0.00098			
407081.09	3747663.93	0.00101	406994.47	
3747581.80	0.00076			
406984.68	3747581.79	0.00079	406974.88	
3747581.78	0.00081			
406965.08	3747581.77	0.00084	406955.29	
3747581.76	0.00085			
406945.49	3747581.75	0.00086	406935.69	
3747581.74	0.00086			
406925.90	3747581.73	0.00086	406916.10	
3747581.72	0.00085			
406906.31	3747581.71	0.00083	406896.51	
3747581.70	0.00080			
406886.71	3747581.69	0.00077	406876.92	
3747581.68	0.00074			
406867.12	3747581.67	0.00071	407002.87	
3747580.29	0.00072			
407011.26	3747583.77	0.00072	407019.66	
3747587.26	0.00072			
407028.05	3747590.75	0.00072	407036.44	
3747594.23	0.00072			
407044.84	3747597.72	0.00071	407053.23	
3747601.21	0.00070			
407065.09	3747613.09	0.00072	407068.56	
3747621.49	0.00077			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407072.03	3747629.89	0.00081	407075.50		
3747638.30	0.00085				
407078.97	3747646.70	0.00089	407082.44		
3747655.10	0.00093				

407085.91 3747663.50 0.00096 406994.48
3747576.80 0.00071
406984.68 3747576.79 0.00073 406974.88
3747576.78 0.00076
406965.09 3747576.77 0.00077 406955.29
3747576.76 0.00079
406945.50 3747576.75 0.00080 406935.70
3747576.74 0.00080
406925.90 3747576.73 0.00079 406916.11
3747576.72 0.00078
406906.31 3747576.71 0.00077 406896.52
3747576.70 0.00075
406886.72 3747576.69 0.00072 406876.92
3747576.68 0.00069
406867.13 3747576.67 0.00066 407003.32
3747575.47 0.00067
407012.15 3747579.14 0.00068 407020.99
3747582.81 0.00068
407029.82 3747586.48 0.00068 407038.66
3747590.15 0.00067
407047.49 3747593.82 0.00066 407056.33
3747597.49 0.00065
407068.82 3747610.00 0.00068 407072.47
3747618.85 0.00073
407076.12 3747627.69 0.00077 407079.77
3747636.53 0.00081
407083.42 3747645.37 0.00085 407087.08
3747654.22 0.00088
407090.73 3747663.06 0.00091 406994.48
3747571.80 0.00066
406984.69 3747571.79 0.00068 406974.89
3747571.78 0.00070
406965.09 3747571.77 0.00072 406955.30
3747571.76 0.00073
406945.50 3747571.75 0.00074 406935.71
3747571.74 0.00074
406925.91 3747571.73 0.00074 406916.11
3747571.72 0.00073
406906.32 3747571.71 0.00071 406896.52
3747571.70 0.00069
406886.72 3747571.69 0.00067 406876.93
3747571.68 0.00065
406867.13 3747571.67 0.00062 406862.03
3747671.67 0.00308
406862.03 3747681.47 0.00369 406862.03
3747691.26 0.00437
406862.03 3747701.06 0.00509 406862.03
3747710.85 0.00578
406862.03 3747720.65 0.00635 406862.03
3747730.45 0.00670
406862.03 3747740.24 0.00677 406862.03
3747750.04 0.00656
406862.03 3747759.84 0.00613 406862.03
3747769.63 0.00557
406862.03 3747779.43 0.00496 406862.03
3747789.22 0.00436
406862.03 3747799.02 0.00379 406857.03
3747671.67 0.00283
406857.03 3747681.47 0.00334 406857.03
3747691.26 0.00391
406857.03 3747701.06 0.00449 406857.03
3747710.85 0.00504
406857.03 3747720.65 0.00549 406857.03
3747730.45 0.00575
406857.03 3747740.24 0.00581 406857.03
3747750.04 0.00565

406857.03 3747759.84 0.00531 406857.03
3747769.63 0.00486
406857.03 3747779.43 0.00436 406857.03
3747789.22 0.00386
406857.03 3747799.02 0.00338 406854.23
3747666.36 0.00246
406861.74 3747658.86 0.00241 406852.03
3747671.67 0.00260
406852.03 3747681.47 0.00303 406852.03
3747691.26 0.00350

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406852.03	3747701.06	0.00398	406852.03	3747710.85	0.00442
406852.03	3747720.65	0.00477	406852.03	3747730.45	0.00498
406852.03	3747740.24	0.00503	406852.03	3747750.04	0.00490
406852.03	3747759.84	0.00464	406852.03	3747769.63	0.00427
406852.03	3747779.43	0.00386	406852.03	3747789.22	0.00344
406852.03	3747799.02	0.00303	406849.96	3747664.60	0.00224
406859.97	3747654.60	0.00217	406847.03	3747671.67	0.00239
406847.03	3747681.47	0.00276	406847.03	3747691.26	0.00316
406847.03	3747701.06	0.00355	406847.03	3747710.85	0.00391
406847.03	3747720.65	0.00419	406847.03	3747730.45	0.00435
406847.03	3747740.24	0.00439	406847.03	3747750.04	0.00429
406847.03	3747759.84	0.00407	406847.03	3747769.63	0.00378
406847.03	3747779.43	0.00343	406847.03	3747789.22	0.00308
406847.03	3747799.02	0.00273	406845.70	3747662.83	0.00204
406858.21	3747650.33	0.00197	406842.03	3747671.67	0.00220
406842.03	3747681.47	0.00252	406842.03	3747691.26	0.00285
406842.03	3747701.06	0.00318	406842.03	3747710.85	0.00347
406842.03	3747720.65	0.00370	406842.03		

3747730.45	0.00383		
406842.03	3747740.24	0.00386	406842.03
3747750.04	0.00378		
406842.03	3747759.84	0.00360	406842.03
3747769.63	0.00336		
406842.03	3747779.43	0.00307	406842.03
3747789.22	0.00277		
406842.03	3747799.02	0.00248	406839.96
3747664.60	0.00192		
406842.90	3747657.52	0.00181	406852.91
3747647.52	0.00175		
406859.98	3747644.60	0.00182	406837.03
3747671.67	0.00203		
406837.03	3747681.47	0.00230	406837.03
3747691.26	0.00258		
406837.03	3747701.06	0.00286	406837.03
3747710.85	0.00310		
406837.03	3747720.65	0.00328	406837.03
3747730.45	0.00339		
406837.03	3747740.24	0.00341	406837.03
3747750.04	0.00335		
406837.03	3747759.84	0.00321	406837.03
3747769.63	0.00300		
406837.03	3747779.43	0.00277	406837.03
3747789.22	0.00251		
406837.03	3747799.02	0.00226	406835.45
3747663.42	0.00177		
406838.87	3747655.16	0.00165	406850.55
3747643.50	0.00160		
406858.81	3747640.08	0.00165	406832.03
3747671.67	0.00187		
406832.03	3747681.47	0.00211	406832.03
3747691.26	0.00235		
406832.03	3747701.06	0.00258	406832.03
3747710.85	0.00278		
406832.03	3747720.65	0.00293	406832.03
3747730.45	0.00302		
406832.03	3747740.24	0.00304	406832.03
3747750.04	0.00299		
406832.03	3747759.84	0.00287	406832.03
3747769.63	0.00270		
406832.03	3747779.43	0.00250	406832.03
3747789.22	0.00228		
406832.03	3747799.02	0.00206	406829.96
3747664.60	0.00166		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

406832.90 3747657.52 0.00157 406835.83
3747650.45 0.00148
406845.84 3747640.45 0.00144 406852.92
3747637.52 0.00149
406859.99 3747634.60 0.00152 406827.03
3747671.67 0.00173
406827.03 3747681.47 0.00194 406827.03
3747691.26 0.00214
406827.03 3747701.06 0.00234 406827.03
3747710.85 0.00251
406827.03 3747720.65 0.00263 406827.03
3747730.45 0.00271
406827.03 3747740.24 0.00272 406827.03
3747750.04 0.00268
406827.03 3747759.84 0.00258 406827.03
3747769.63 0.00244
406827.03 3747779.43 0.00227 406827.03
3747789.22 0.00208
406827.03 3747799.02 0.00189 406825.33
3747663.71 0.00153
406828.63 3747655.75 0.00145 406831.93
3747647.79 0.00136
406843.19 3747636.54 0.00132 406851.15
3747633.25 0.00136
406859.11 3747629.96 0.00140 406822.03
3747671.67 0.00161
406822.03 3747681.47 0.00179 406822.03
3747691.26 0.00196
406822.03 3747701.06 0.00213 406822.03
3747710.85 0.00227
406822.03 3747720.65 0.00238 406822.03
3747730.45 0.00244
406822.03 3747740.24 0.00245 406822.03
3747750.04 0.00241
406822.03 3747759.84 0.00233 406822.03
3747769.63 0.00221
406822.03 3747779.43 0.00207 406822.03
3747789.22 0.00191
406822.03 3747799.02 0.00174 406820.70
3747662.83 0.00142
406824.36 3747653.98 0.00134 406828.03
3747645.14 0.00125
406840.54 3747632.64 0.00121 406849.39
3747628.98 0.00125
406858.23 3747625.33 0.00128 406817.03
3747671.67 0.00149
406817.03 3747681.47 0.00165 406817.03
3747691.26 0.00180
406817.03 3747701.06 0.00194 406817.03
3747710.85 0.00206
406817.03 3747720.65 0.00215 406817.03
3747730.45 0.00221
406817.03 3747740.24 0.00222 406817.03
3747750.04 0.00219
406817.03 3747759.84 0.00211 406817.03
3747769.63 0.00201
406817.03 3747779.43 0.00189 406817.03
3747789.22 0.00175
406817.03 3747799.02 0.00161 406815.26
3747663.89 0.00134
406818.48 3747656.11 0.00128 406821.71
3747648.32 0.00121
406824.93 3747640.54 0.00114 406835.94
3747629.54 0.00110
406843.73 3747626.32 0.00114 406851.52
3747623.11 0.00116

406859.30 3747619.89 0.00119 406812.03
3747671.67 0.00139
406812.03 3747681.47 0.00152 406812.03
3747691.26 0.00166
406812.03 3747701.06 0.00178 406812.03
3747710.85 0.00188
406812.03 3747720.65 0.00196 406812.03
3747730.45 0.00201
406812.03 3747740.24 0.00201 406812.03
3747750.04 0.00199
406812.03 3747759.84 0.00193 406812.03
3747769.63 0.00184
406812.03 3747779.43 0.00173 406812.03
3747789.22 0.00161

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406812.03	3747799.02	0.00149	406810.55	3747663.18	0.00124
406814.07	3747654.69	0.00119	406817.59	3747646.20	0.00112
406821.11	3747637.71	0.00105	406833.12	3747625.71	0.00102
406841.61	3747622.20	0.00105	406858.60	3747615.18	0.00109
406807.03	3747671.67	0.00129	406807.03	3747681.47	0.00141
406807.03	3747691.26	0.00153	406807.03	3747701.06	0.00164
406807.03	3747710.85	0.00173	406807.03	3747720.65	0.00179
406807.03	3747730.45	0.00183	406807.03	3747740.24	0.00184
406807.03	3747750.04	0.00181	406807.03	3747759.84	0.00176
406807.03	3747769.63	0.00169	406807.03	3747779.43	0.00159
406807.03	3747789.22	0.00149	406807.03	3747799.02	0.00138
406805.21	3747664.01	0.00117	406808.38	3747656.34	0.00113
406811.56	3747648.68	0.00107	406814.74	3747641.01	0.00102
406817.91	3747633.35	0.00096	406828.76	3747622.52	0.00093
406836.43	3747619.35	0.00096	406844.09	3747616.18	0.00098
406851.76	3747613.01	0.00100	406859.43		

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        3747609.84        0.00101
        406802.03    3747671.67        0.00121                      406802.03
        3747681.47        0.00131
        406802.03    3747691.26        0.00142                      406802.03
        3747701.06        0.00151
        406802.03    3747710.85        0.00159                      406802.03
        3747720.65        0.00164
        406802.03    3747730.45        0.00168                      406802.03
        3747740.24        0.00168
        406802.03    3747750.04        0.00166                      406802.03
        3747759.84        0.00162
        406802.03    3747769.63        0.00155                      406802.03
        3747779.43        0.00147
        406802.03    3747789.22        0.00138                      406802.03
        3747799.02        0.00128
        406800.45    3747663.42        0.00109                      406803.87
        3747655.16        0.00105
        406807.29    3747646.91        0.00100                      406810.72
        3747638.65        0.00095
        406814.14    3747630.40        0.00089                      406825.82
        3747618.73        0.00086
        406834.07    3747615.32        0.00089                      406842.33
        3747611.91        0.00091
        406850.59    3747608.50        0.00093                      406858.84
        3747605.08        0.00094
        406797.03    3747671.67        0.00113                      406797.03
        3747681.47        0.00122
        406797.03    3747691.26        0.00131                      406797.03
        3747701.06        0.00139
        406797.03    3747710.85        0.00146                      406797.03
        3747720.65        0.00151
        406797.03    3747730.45        0.00154                      406797.03
        3747740.24        0.00154
        406797.03    3747750.04        0.00153                      406797.03
        3747759.84        0.00149
        406797.03    3747769.63        0.00143                      406797.03
        3747779.43        0.00136
        406797.03    3747789.22        0.00128                      406797.03
        3747799.02        0.00120
        406795.70    3747662.83        0.00102                      406799.36
        3747653.98        0.00098
        406803.03    3747645.14        0.00094                      406806.69
        3747636.30        0.00088
        406810.36    3747627.45        0.00083                      406822.87
        3747614.95        0.00080
        406831.72    3747611.30        0.00083                      406840.57
        3747607.64        0.00085
        406849.41    3747603.98        0.00086                      406858.26
        3747600.33        0.00087
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:58:07

                     PAGE  41
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF DPM      IN
                                    MICROGRAMS/M**3                          **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406792.03	3747671.67	0.00106	406792.03	3747681.47	0.00114
406792.03	3747691.26	0.00122	406792.03	3747701.06	0.00129
406792.03	3747710.85	0.00135	406792.03	3747720.65	0.00139
406792.03	3747730.45	0.00142	406792.03	3747740.24	0.00142
406792.03	3747750.04	0.00141	406792.03	3747759.84	0.00137
406792.03	3747769.63	0.00133	406792.03	3747779.43	0.00126
406792.03	3747789.22	0.00119	406792.03	3747799.02	0.00112
406790.38	3747663.58	0.00097	406793.73	3747655.50	0.00093
406797.08	3747647.41	0.00090	406800.44	3747639.33	0.00086
406803.79	3747631.24	0.00081	406807.14	3747623.16	0.00077
406818.58	3747611.73	0.00074	406826.67	3747608.39	0.00076
406834.76	3747605.04	0.00078	406842.85	3747601.70	0.00080
406850.93	3747598.36	0.00081	406859.02	3747595.01	0.00081
406787.03	3747671.67	0.00099	406787.03	3747681.47	0.00107
406787.03	3747691.26	0.00114	406787.03	3747701.06	0.00120
406787.03	3747710.85	0.00125	406787.03	3747720.65	0.00129
406787.03	3747730.45	0.00131	406787.03	3747740.24	0.00132
406787.03	3747750.04	0.00130	406787.03	3747759.84	0.00127
406787.03	3747769.63	0.00123	406787.03	3747779.43	0.00117
406787.03	3747789.22	0.00111	406787.03	3747799.02	0.00104
406785.59	3747663.08	0.00091	406789.15	3747654.49	0.00088
406792.71	3747645.90	0.00084	406796.27	3747637.31	0.00080
406799.83	3747628.72	0.00076	406803.40	3747620.13	0.00072
406815.55	3747607.98	0.00069	406824.15	3747604.43	0.00071
406841.33	3747597.33	0.00074	406849.93	3747593.77	0.00075
406858.52	3747590.22	0.00076	406782.03	3747671.67	0.00093
406782.03	3747681.47	0.00100	406782.03	3747691.26	0.00106
406782.03	3747701.06	0.00112	406782.03	3747710.85	0.00116
406782.03	3747720.65	0.00120	406782.03	3747730.45	0.00122
406782.03	3747740.24	0.00122	406782.03	3747750.04	0.00121
406782.03	3747759.84	0.00118	406782.03	3747769.63	0.00114

406782.03 3747779.43 0.00109 406782.03
3747789.22 0.00104
406782.03 3747799.02 0.00098 406780.33
3747663.71 0.00086
406783.63 3747655.75 0.00083 406786.93
3747647.79 0.00080
406790.23 3747639.83 0.00077 406793.53
3747631.87 0.00074
406796.82 3747623.92 0.00070 406800.12
3747615.96 0.00066
406811.39 3747604.71 0.00065 406819.35
3747601.42 0.00066
406827.31 3747598.12 0.00068 406835.27
3747594.83 0.00069
406843.23 3747591.54 0.00070 406851.20
3747588.25 0.00070
406859.16 3747584.96 0.00071 406777.03
3747671.67 0.00088

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406777.03	3747681.47	0.00094	406777.03	3747691.26	0.00099
406777.03	3747701.06	0.00104	406777.03	3747710.85	0.00108
406777.03	3747720.65	0.00111	406777.03	3747730.45	0.00113
406777.03	3747740.24	0.00113	406777.03	3747750.04	0.00112
406777.03	3747759.84	0.00110	406777.03	3747769.63	0.00107
406777.03	3747779.43	0.00102	406777.03	3747789.22	0.00097
406777.03	3747799.02	0.00092	406775.51	3747663.27	0.00081
406778.99	3747654.87	0.00079	406782.48	3747646.47	0.00076
406785.96	3747638.07	0.00073	406789.44	3747629.66	0.00069
406792.92	3747621.26	0.00066	406796.41	3747612.86	0.00062
406808.29	3747600.99	0.00060	406816.70	3747597.51	0.00062
406825.10	3747594.04	0.00063	406833.51	3747590.57	0.00065
406841.91	3747587.09	0.00065	406850.32	3747583.62	0.00066
406858.72	3747580.14	0.00066	406772.03		

3747671.67 0.00083
406772.03 3747681.47 0.00088 406772.03
3747691.26 0.00093
406772.03 3747701.06 0.00098 406772.03
3747710.85 0.00101
406772.03 3747720.65 0.00104 406772.03
3747730.45 0.00105
406772.03 3747740.24 0.00105 406772.03
3747750.04 0.00105
406772.03 3747759.84 0.00103 406772.03
3747769.63 0.00099
406772.03 3747779.43 0.00096 406772.03
3747789.22 0.00091
406772.03 3747799.02 0.00086 406770.70
3747662.83 0.00076
406774.36 3747653.98 0.00074 406778.03
3747645.14 0.00071
406781.69 3747636.30 0.00068 406785.36
3747627.45 0.00065
406789.02 3747618.61 0.00062 406792.69
3747609.77 0.00058
406805.20 3747597.27 0.00057 406814.05
3747593.61 0.00058
406822.90 3747589.95 0.00059 406831.74
3747586.30 0.00061
406849.44 3747578.98 0.00062 406858.28
3747575.33 0.00062
406767.03 3747671.67 0.00078 406767.03
3747681.47 0.00083
406767.03 3747691.26 0.00087 406767.03
3747701.06 0.00091
406767.03 3747710.85 0.00095 406767.03
3747720.65 0.00097
406767.03 3747730.45 0.00098 406767.03
3747740.24 0.00098
406767.03 3747750.04 0.00098 406767.03
3747759.84 0.00096
406767.03 3747769.63 0.00093 406767.03
3747779.43 0.00090
406767.03 3747789.22 0.00086 406767.03
3747799.02 0.00081
406867.04 3747804.02 0.00394 406876.82
3747804.01 0.00497
406886.61 3747804.00 0.00627 406896.39
3747803.99 0.00776
406906.18 3747803.98 0.00928 406915.97
3747803.97 0.01061
406925.75 3747803.96 0.01155 406935.54
3747803.94 0.01202
406945.32 3747803.93 0.01200 406955.11
3747803.92 0.01152
406964.90 3747803.91 0.01069 406974.68
3747803.90 0.00966

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406984.47	3747803.89	0.00855	406994.26	3747803.88	0.00746
406867.04	3747809.02	0.00362	406876.83	3747809.01	0.00451
406886.61	3747809.00	0.00562	406896.40	3747808.99	0.00687
406906.19	3747808.98	0.00815	406915.97	3747808.97	0.00927
406925.76	3747808.96	0.01009	406935.54	3747808.94	0.01055
406945.33	3747808.93	0.01060	406955.12	3747808.92	0.01027
406964.90	3747808.91	0.00965	406974.69	3747808.90	0.00883
406984.47	3747808.89	0.00791	406994.26	3747808.88	0.00698
406861.74	3747811.83	0.00309	406854.23	3747804.33	0.00295
406867.05	3747814.02	0.00333	406876.83	3747814.01	0.00411
406886.62	3747814.00	0.00505	406896.40	3747813.99	0.00611
406906.19	3747813.98	0.00718	406915.98	3747813.97	0.00814
406925.76	3747813.96	0.00887	406935.55	3747813.94	0.00931
406945.34	3747813.93	0.00941	406955.12	3747813.92	0.00920
406964.91	3747813.91	0.00873	406974.69	3747813.90	0.00807
406984.48	3747813.89	0.00732	406994.27	3747813.88	0.00653
406859.97	3747816.09	0.00279	406849.96	3747806.09	0.00265
406867.05	3747819.02	0.00307	406876.84	3747819.01	0.00374
406886.62	3747819.00	0.00455	406896.41	3747818.99	0.00545
406906.20	3747818.98	0.00637	406915.98	3747818.97	0.00720
406925.77	3747818.96	0.00785	406935.56	3747818.94	0.00826
406945.34	3747818.93	0.00840	406955.13	3747818.92	0.00827
406964.91	3747818.91	0.00792	406974.70	3747818.90	0.00740
406984.49	3747818.89	0.00677	406994.27	3747818.88	0.00611
406858.21	3747820.36	0.00253	406845.70	3747807.86	0.00238
406867.06	3747824.02	0.00283	406876.84	3747824.01	0.00341
406886.63	3747824.00	0.00411	406896.42	3747823.99	0.00488
406906.20	3747823.98	0.00567	406915.99	3747823.97	0.00640
406925.77	3747823.96	0.00698	406935.56	3747823.94	0.00736

406945.35 3747823.93 0.00752 406955.13
3747823.92 0.00746
406964.92 3747823.91 0.00720 406974.71
3747823.90 0.00679
406984.49 3747823.89 0.00628 406994.28
3747823.88 0.00572
406859.98 3747826.09 0.00240 406852.91
3747823.17 0.00221
406842.90 3747813.17 0.00212 406839.96
3747806.09 0.00219
406867.06 3747829.02 0.00261 406876.85
3747829.01 0.00312
406886.64 3747829.00 0.00373 406896.42
3747828.99 0.00440
406906.21 3747828.98 0.00508 406915.99
3747828.97 0.00571
406925.78 3747828.96 0.00623 406935.57
3747828.94 0.00660
406945.35 3747828.93 0.00677 406955.14
3747828.92 0.00675
406964.92 3747828.91 0.00657 406974.71
3747828.90 0.00624

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406984.50	3747828.89	0.00582	406994.28	3747828.88	0.00535
406858.81	3747830.61	0.00221	406850.55	3747827.19	0.00201
406838.87	3747815.53	0.00192	406835.45	3747807.27	0.00200
406867.07	3747834.02	0.00242	406876.85	3747834.01	0.00287
406886.64	3747834.00	0.00339	406896.43	3747833.99	0.00398
406906.21	3747833.98	0.00457	406916.00	3747833.97	0.00513
406925.79	3747833.96	0.00560	406935.57	3747833.94	0.00593
406945.36	3747833.93	0.00611	406955.14	3747833.92	0.00613
406964.93	3747833.91	0.00600	406974.72	3747833.90	0.00575
406984.50	3747833.89	0.00541	406994.29	3747833.88	0.00501
406860.00	3747836.09	0.00208	406852.92	3747833.17	0.00193
406845.84	3747830.24	0.00179	406835.83		

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        3747820.24        0.00173
        406832.90    3747813.17        0.00179                    406829.96
        3747806.09        0.00185
        406867.07    3747839.02        0.00224                    406876.86
        3747839.01        0.00264
        406886.65    3747839.00        0.00310                    406896.43
        3747838.99        0.00361
        406906.22    3747838.98        0.00413                    406916.00
        3747838.97        0.00463
        406925.79    3747838.96        0.00505                    406935.58
        3747838.94        0.00536
        406945.36    3747838.93        0.00554                    406955.15
        3747838.92        0.00559
        406964.94    3747838.91        0.00550                    406974.72
        3747838.90        0.00531
        406984.51    3747838.89        0.00503                    406994.29
        3747838.88        0.00469
        406859.12    3747840.73        0.00192                    406851.15
        3747837.44        0.00177
        406843.19    3747834.15        0.00164                    406831.93
        3747822.90        0.00158
        406828.63    3747814.94        0.00164                    406825.33
        3747806.98        0.00170
        406867.08    3747844.02        0.00208                    406876.87
        3747844.01        0.00244
        406886.65    3747844.00        0.00284                    406896.44
        3747843.99        0.00329
        406906.22    3747843.98        0.00375                    406916.01
        3747843.97        0.00419
        406925.80    3747843.96        0.00457                    406935.58
        3747843.94        0.00486
        406945.37    3747843.93        0.00504                    406955.15
        3747843.92        0.00511
        406964.94    3747843.91        0.00506                    406974.73
        3747843.90        0.00491
        406984.51    3747843.89        0.00468                    406994.30
        3747843.88        0.00440
        406858.24    3747845.36        0.00178                    406849.39
        3747841.71        0.00163
        406840.54    3747838.05        0.00150                    406828.03
        3747825.55        0.00145
        406824.36    3747816.71        0.00151                    406820.70
        3747807.86        0.00157
        406867.09    3747849.02        0.00194                    406876.87
        3747849.01        0.00225
        406886.66    3747849.00        0.00262                    406896.44
        3747848.99        0.00301
        406906.23    3747848.98        0.00342                    406916.02
        3747848.97        0.00381
        406925.80    3747848.96        0.00416                    406935.59
        3747848.94        0.00443
        406945.37    3747848.93        0.00461                    406955.16
        3747848.92        0.00468
        406964.95    3747848.91        0.00466                    406974.73
        3747848.90        0.00455
        406984.52    3747848.89        0.00436                    406994.31
        3747848.88        0.00413
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***       15:58:07

                    PAGE  45
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                          *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
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SOURCE GROUP: ALL *** INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406859.30	3747850.80	0.00168	406851.52	3747847.58	0.00157
406843.73	3747844.37	0.00146	406835.95	3747841.15	0.00136
406824.93	3747830.15	0.00132	406821.71	3747822.37	0.00137
406818.48	3747814.58	0.00142	406815.26	3747806.80	0.00146
406867.09	3747854.02	0.00181	406876.88	3747854.01	0.00209
406886.66	3747854.00	0.00241	406896.45	3747853.99	0.00277
406906.24	3747853.98	0.00313	406916.02	3747853.97	0.00348
406925.81	3747853.96	0.00379	406935.59	3747853.94	0.00404
406945.38	3747853.93	0.00422	406955.17	3747853.92	0.00430
406964.95	3747853.91	0.00430	406974.74	3747853.90	0.00422
406984.52	3747853.89	0.00407	406994.31	3747853.88	0.00387
406858.60	3747855.51	0.00157	406850.11	3747852.00	0.00145
406841.61	3747848.49	0.00135	406833.12	3747844.98	0.00125
406821.11	3747832.98	0.00122	406817.59	3747824.49	0.00127
406814.07	3747816.00	0.00131	406810.55	3747807.51	0.00135
406867.10	3747859.02	0.00169	406876.88	3747859.01	0.00194
406886.67	3747859.00	0.00223	406896.45	3747858.99	0.00255
406906.24	3747858.98	0.00287	406916.03	3747858.97	0.00319
406925.81	3747858.96	0.00347	406935.60	3747858.94	0.00371
406945.39	3747858.93	0.00387	406955.17	3747858.92	0.00396
406964.96	3747858.91	0.00398	406974.74	3747858.90	0.00392
406984.53	3747858.89	0.00381	406994.32	3747858.88	0.00364
406859.43	3747860.85	0.00148	406851.77	3747857.68	0.00139
406844.10	3747854.51	0.00130	406836.43	3747851.34	0.00122
406828.76	3747848.18	0.00115	406817.92	3747837.34	0.00112
406814.74	3747829.68	0.00116	406811.56	3747822.01	0.00120
406808.38	3747814.35	0.00123	406805.21	3747806.68	0.00126

406867.10 3747864.02 0.00158 406876.89
3747864.01 0.00181
406886.67 3747864.00 0.00207 406896.46
3747863.99 0.00235
406906.25 3747863.98 0.00265 406916.03
3747863.97 0.00293
406925.82 3747863.96 0.00319 406935.60
3747863.94 0.00341
406945.39 3747863.93 0.00357 406955.18
3747863.92 0.00366
406964.96 3747863.91 0.00369 406974.75
3747863.90 0.00365
406984.54 3747863.89 0.00356 406994.32
3747863.88 0.00342
406858.85 3747865.61 0.00139 406850.59
3747862.19 0.00129
406842.33 3747858.78 0.00121 406834.08
3747855.37 0.00113
406825.82 3747851.96 0.00106 406814.14
3747840.29 0.00104
406810.72 3747832.04 0.00108 406807.29
3747823.78 0.00112
406803.87 3747815.53 0.00115 406800.45
3747807.27 0.00118
406867.11 3747869.02 0.00148 406876.89
3747869.01 0.00169

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406886.68	3747869.00	0.00193	406896.47	3747868.99	0.00218
406906.25	3747868.98	0.00245	406916.04	3747868.97	0.00270
406925.82	3747868.96	0.00294	406935.61	3747868.94	0.00314
406945.40	3747868.93	0.00329	406955.18	3747868.92	0.00339
406964.97	3747868.91	0.00343	406974.75	3747868.90	0.00341
406984.54	3747868.89	0.00334	406994.33	3747868.88	0.00322
406858.26	3747870.36	0.00130	406849.42	3747866.71	0.00121
406840.57	3747863.05	0.00113	406831.72	3747859.39	0.00105
406822.87	3747855.74	0.00099	406810.36	3747843.24	0.00096
406806.69	3747834.39	0.00100	406803.03		

3747825.55 0.00104
406799.36 3747816.71 0.00107 406795.70
3747807.86 0.00110
406867.11 3747874.02 0.00139 406876.90
3747874.01 0.00158
406886.68 3747874.00 0.00180 406896.47
3747873.99 0.00203
406906.26 3747873.98 0.00226 406916.04
3747873.97 0.00250
406925.83 3747873.96 0.00272 406935.62
3747873.94 0.00290
406945.40 3747873.93 0.00305 406955.19
3747873.92 0.00314
406964.97 3747873.91 0.00319 406974.76
3747873.90 0.00318
406984.55 3747873.89 0.00313 406994.33
3747873.88 0.00303
406859.03 3747875.68 0.00123 406850.94
3747872.33 0.00116
406842.85 3747868.99 0.00109 406834.76
3747865.65 0.00102
406826.67 3747862.31 0.00097 406818.58
3747858.96 0.00091
406807.14 3747847.53 0.00089 406803.79
3747839.45 0.00093
406800.44 3747831.36 0.00096 406797.09
3747823.28 0.00099
406793.73 3747815.19 0.00101 406790.38
3747807.11 0.00103
406867.12 3747879.02 0.00131 406876.90
3747879.01 0.00148
406886.69 3747879.00 0.00168 406896.48
3747878.99 0.00189
406906.26 3747878.98 0.00210 406916.05
3747878.97 0.00232
406925.83 3747878.96 0.00251 406935.62
3747878.94 0.00269
406945.41 3747878.93 0.00283 406955.19
3747878.92 0.00292
406964.98 3747878.91 0.00297 406974.77
3747878.90 0.00297
406984.55 3747878.89 0.00294 406994.34
3747878.88 0.00286
406858.53 3747880.47 0.00116 406849.93
3747876.92 0.00109
406841.34 3747873.36 0.00102 406824.15
3747866.26 0.00090
406815.55 3747862.71 0.00085 406803.40
3747850.57 0.00083
406799.84 3747841.98 0.00087 406796.28
3747833.38 0.00090
406792.71 3747824.79 0.00092 406789.15
3747816.20 0.00095
406785.59 3747807.61 0.00097 406867.12
3747884.02 0.00124
406876.91 3747884.01 0.00140 406886.70
3747884.00 0.00157
406896.48 3747883.99 0.00176 406906.27
3747883.98 0.00196
406916.05 3747883.97 0.00215 406925.84
3747883.96 0.00233

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406935.63	3747883.94	0.00250	406945.41	3747883.93	0.00263
406955.20	3747883.92	0.00272	406964.99	3747883.91	0.00277
406974.77	3747883.90	0.00278	406984.56	3747883.89	0.00276
406994.34	3747883.88	0.00270	406859.17	3747885.73	0.00110
406851.20	3747882.44	0.00104	406843.24	3747879.15	0.00098
406835.28	3747875.86	0.00093	406827.31	3747872.57	0.00088
406819.35	3747869.28	0.00083	406811.39	3747865.99	0.00079
406800.13	3747854.74	0.00078	406796.83	3747846.78	0.00080
406793.53	3747838.82	0.00083	406790.23	3747830.86	0.00085
406786.93	3747822.90	0.00088	406783.63	3747814.94	0.00089
406780.33	3747806.98	0.00091	406867.13	3747889.02	0.00117
406876.92	3747889.01	0.00131	406886.70	3747889.00	0.00147
406896.49	3747888.99	0.00165	406906.27	3747888.98	0.00183
406916.06	3747888.97	0.00200	406925.85	3747888.96	0.00217
406935.63	3747888.94	0.00232	406945.42	3747888.93	0.00245
406955.20	3747888.92	0.00254	406964.99	3747888.91	0.00259
406974.78	3747888.90	0.00261	406984.56	3747888.89	0.00260
406994.35	3747888.88	0.00255	406858.73	3747890.55	0.00104
406850.32	3747887.07	0.00098	406833.51	3747880.13	0.00087
406825.11	3747876.65	0.00082	406816.70	3747873.18	0.00078
406808.30	3747869.71	0.00074	406796.41	3747857.83	0.00073
406792.93	3747849.43	0.00075	406789.44	3747841.03	0.00078
406785.96	3747832.63	0.00080	406782.48	3747824.22	0.00082
406779.00	3747815.82	0.00084	406775.51	3747807.42	0.00085
406867.13	3747894.02	0.00110	406876.92	3747894.01	0.00124

406886.71 3747894.00 0.00138 406896.49
3747893.99 0.00154
406906.28 3747893.98 0.00171 406916.07
3747893.97 0.00187
406925.85 3747893.96 0.00203 406935.64
3747893.94 0.00216
406945.42 3747893.93 0.00228 406955.21
3747893.92 0.00237
406965.00 3747893.91 0.00243 406974.78
3747893.90 0.00245
406984.57 3747893.89 0.00244 406994.35
3747893.88 0.00241
406858.29 3747895.36 0.00098 406849.44
3747891.71 0.00093
406840.60 3747888.05 0.00087 406831.75
3747884.39 0.00082
406822.90 3747880.74 0.00077 406814.05
3747877.08 0.00073
406805.21 3747873.43 0.00069 406792.69
3747860.93 0.00068
406789.03 3747852.08 0.00071 406785.36
3747843.24 0.00073
406781.69 3747834.39 0.00075 406778.03
3747825.55 0.00078
406774.36 3747816.71 0.00079 406770.70
3747807.86 0.00081
406867.14 3747899.02 0.00105 406876.93
3747899.01 0.00117
406886.71 3747899.00 0.00130 406896.50
3747898.99 0.00145

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406906.28	3747898.98	0.00160	406916.07	3747898.97	0.00175
406925.86	3747898.96	0.00189	406935.64	3747898.94	0.00202
406945.43	3747898.93	0.00213	406955.22	3747898.92	0.00222
406965.00	3747898.91	0.00228	406974.79	3747898.90	0.00230
406984.57	3747898.89	0.00230	406994.36	3747898.88	0.00228
406867.03	3747799.02	0.00427	406994.25	3747798.88	0.00797
406994.38	3747671.80	0.00368	406867.03	3747671.67	0.00336

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406999.25	3747798.89	0.15334	(13112016)	406999.26	3747789.11	0.15949	(13112016)
406999.27	3747779.33	0.16810	(12121416)	406999.28	3747769.56	0.18916	(12121416)
406999.29	3747759.78	0.20243	(12121416)	406999.30	3747750.01	0.20492	(12121416)
406999.31	3747740.23	0.19513	(12121416)	406999.32	3747730.46	0.18418	(15122816)
406999.33	3747720.68	0.19887	(15122816)	406999.34	3747710.91	0.20256	(15122816)
406999.35	3747701.13	0.19593	(15122816)	406999.36	3747691.36	0.18109	(15122816)
406999.37	3747681.58	0.16080	(15122816)	406999.38	3747671.81	0.13789	(15122816)
407004.25	3747798.89	0.14085	(13112016)	407004.26	3747789.11	0.14408	(13112016)
407004.27	3747779.34	0.15967	(12121416)	407004.28	3747769.56	0.17707	(12121416)
407004.29	3747759.79	0.18696	(12121416)	407004.30	3747750.01	0.18703	(12121416)
407004.31	3747740.24	0.17633	(12121416)	407004.32	3747730.46	0.16616	(12122416)
407004.33	3747720.69	0.17934	(15122816)	407004.34	3747710.91	0.18520	(15122816)
407004.35	3747701.14	0.18179	(15122816)	407004.36	3747691.36	0.17060	(15122816)
407004.37	3747681.59	0.15388	(15122816)	407004.38	3747671.81	0.13405	(15122816)
407007.05	3747804.19	0.13181	(13112016)	406999.56	3747811.68	0.14116	(13112016)
407009.25	3747798.90	0.12866	(13112016)	407009.26	3747789.12	0.13266	(12121416)
407009.27	3747779.34	0.15153	(12121416)	407009.28	3747769.57	0.16574	(12121416)
407009.29	3747759.79	0.17284	(12121416)	407009.30	3747750.02	0.17101	(12121416)
407009.31	3747740.24	0.15973	(12121416)	407009.32	3747730.47	0.15182	(12122416)
407009.33	3747720.69	0.16194	(15122816)	407009.34	3747710.92	0.16938	(15122816)
407009.35	3747701.14	0.16855	(15122816)	407009.36	3747691.37	0.16045	(15122816)
407009.37	3747681.59	0.14687	(15122816)	407009.38	3747671.82	0.12990	(15122816)
407011.32	3747805.96	0.12205	(13112016)	407001.33	3747815.95	0.13437	(12113016)

407014.25 3747798.90 0.11693 (13112016) 407014.26
3747789.13 0.12754 (12121416)
407014.27 3747779.35 0.14369 (12121416) 407014.28
3747769.57 0.15517 (12121416)
407014.29 3747759.80 0.15994 (12121416) 407014.30
3747750.02 0.15665 (12121416)
407014.31 3747740.25 0.14509 (12121416) 407014.32
3747730.47 0.13926 (12122416)
407014.33 3747720.70 0.14642 (15122816) 407014.34
3747710.92 0.15498 (15122816)
407014.35 3747701.15 0.15620 (15122816) 407014.36
3747691.37 0.15070 (15122816)
407014.37 3747681.60 0.13988 (15122816) 407014.38
3747671.82 0.12547 (15122816)
407015.59 3747807.73 0.11304 (13112016) 407003.10
3747820.22 0.12813 (12113016)
407019.25 3747798.91 0.10605 (12121416) 407019.26
3747789.13 0.12245 (12121416)
407019.27 3747779.35 0.13618 (12121416) 407019.28
3747769.58 0.14530 (12121416)
407019.29 3747759.80 0.14817 (12121416) 407019.30
3747750.03 0.14376 (12121416)
407019.31 3747740.25 0.13212 (12121416) 407019.32
3747730.48 0.12820 (12122416)
407019.33 3747720.70 0.13258 (15122816) 407019.34
3747710.93 0.14188 (15122816)
407019.35 3747701.15 0.14471 (15122816) 407019.36
3747691.38 0.14139 (15122816)
407019.37 3747681.60 0.13296 (15122816) 407019.38
3747671.83 0.12087 (15122816)
407021.32 3747805.97 0.10211 (13112016) 407018.39
3747813.03 0.10677 (13112016)
407008.40 3747823.02 0.11765 (13112016) 407001.34
3747825.95 0.12795 (12113016)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407024.25	3747798.91	0.10301	(12121416)	407024.26	3747789.14	0.11740	(12121416)
407024.27	3747779.36	0.12900	(12121416)	407024.28	3747769.58	0.13612	(12121416)
407024.29	3747759.81	0.13741	(12121416)	407024.30	3747750.03	0.13217	(12121416)
407024.31	3747740.26	0.12061	(12121416)	407024.32	3747730.48	0.11841	(12122416)
407024.33	3747720.71	0.12022	(15122816)	407024.34	3747710.93	0.12999	(15122816)
407024.35	3747701.16	0.13405	(15122816)	407024.36			

3747691.38 0.13253 (15122816)
407024.37 3747681.61 0.12618 (15122816) 407024.38
3747671.83 0.11616 (15122816)
407025.83 3747807.15 0.09382 (13112016) 407022.42
3747815.39 0.09957 (13112016)
407010.76 3747827.05 0.11169 (13112016) 407002.53
3747830.46 0.12278 (12113016)
407029.25 3747798.92 0.09986 (12121416) 407029.26
3747789.14 0.11245 (12121416)
407029.27 3747779.37 0.12215 (12121416) 407029.28
3747769.59 0.12756 (12121416)
407029.29 3747759.81 0.12758 (12121416) 407029.30
3747750.04 0.12174 (12121416)
407029.31 3747740.26 0.11037 (12121416) 407029.32
3747730.49 0.10969 (12122416)
407029.33 3747720.71 0.10920 (15122816) 407029.34
3747710.94 0.11918 (15122816)
407029.35 3747701.16 0.12419 (15122816) 407029.36
3747691.39 0.12414 (15122816)
407029.37 3747681.61 0.11956 (15122816) 407029.38
3747671.84 0.11140 (15122816)
407031.32 3747805.98 0.08892 (12121416) 407028.39
3747813.04 0.08994 (13112016)
407025.46 3747820.10 0.09418 (13112016) 407015.48
3747830.09 0.10406 (13112016)
407008.41 3747833.02 0.11179 (12113016) 407001.35
3747835.95 0.12051 (12113016)
407034.25 3747798.92 0.09666 (12121416) 407034.26
3747789.15 0.10760 (12121416)
407034.27 3747779.37 0.11565 (12121416) 407034.28
3747769.59 0.11960 (12121416)
407034.29 3747759.82 0.11859 (12121416) 407034.30
3747750.04 0.11233 (12121416)
407034.31 3747740.27 0.10125 (12121416) 407034.32
3747730.49 0.10190 (12122416)
407034.33 3747720.72 0.10082 (12122416) 407034.34
3747710.94 0.10937 (15122816)
407034.35 3747701.17 0.11507 (15122816) 407034.36
3747691.39 0.11622 (15122816)
407034.37 3747681.62 0.11317 (15122816) 407034.38
3747671.84 0.10664 (15122816)
407035.96 3747806.87 0.08578 (12121416) 407032.66
3747814.81 0.08340 (13112016)
407029.37 3747822.76 0.08828 (13112016) 407018.13
3747833.99 0.09891 (13112016)
407010.19 3747837.29 0.10702 (12113016) 407002.24
3747840.58 0.11577 (12113016)
407039.25 3747798.93 0.09341 (12121416) 407039.26
3747789.15 0.10289 (12121416)
407039.27 3747779.38 0.10948 (12121416) 407039.28
3747769.60 0.11220 (12121416)
407039.29 3747759.82 0.11036 (12121416) 407039.30
3747750.05 0.10382 (12121416)
407039.31 3747740.27 0.09307 (12121416) 407039.32
3747730.50 0.09489 (12122416)
407039.33 3747720.72 0.09410 (12122416) 407039.34
3747710.95 0.10045 (15122816)
407039.35 3747701.17 0.10665 (15122816) 407039.36
3747691.40 0.10877 (15122816)
407039.37 3747681.62 0.10700 (15122816) 407039.38
3747671.85 0.10192 (15122816)
407040.59 3747807.76 0.08275 (12121416) 407036.93
3747816.58 0.07737 (13112016)
407033.27 3747825.41 0.08286 (13112016) 407020.78
3747837.90 0.09414 (13112016)
407011.96 3747841.56 0.10255 (12113016) 407003.13

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407044.27	3747779.38	0.10364	(12121416)	407044.28	3747769.60	0.10531	(12121416)
407044.29	3747759.83	0.10281	(12121416)	407044.30	3747750.05	0.09611	(12121416)
407044.31	3747740.28	0.08621	(12122416)	407044.32	3747730.50	0.08858	(12122416)
407044.33	3747720.73	0.08802	(12122416)	407044.34	3747710.95	0.09236	(15122816)
407044.35	3747701.18	0.09888	(15122816)	407044.36	3747691.40	0.10177	(15122816)
407044.37	3747681.63	0.10109	(15122816)	407044.38	3747671.85	0.09726	(15122816)
407046.03	3747806.70	0.08152	(12121416)	407042.81	3747814.47	0.07423	(12121416)
407039.59	3747822.24	0.07452	(13112016)	407036.36	3747830.00	0.07879	(13112016)
407025.38	3747840.99	0.08824	(13112016)	407017.61	3747844.21	0.09398	(12113016)
407009.84	3747847.44	0.10222	(12113016)	407002.08	3747850.66	0.10799	(12113016)
407049.25	3747798.94	0.08694	(12121416)	407049.26	3747789.16	0.09390	(12121416)
407049.27	3747779.39	0.09811	(12121416)	407049.28	3747769.61	0.09890	(12121416)
407049.29	3747759.83	0.09589	(12121416)	407049.30	3747750.06	0.08913	(12121416)
407049.31	3747740.28	0.08061	(12122416)	407049.32	3747730.51	0.08287	(12122416)
407049.33	3747720.73	0.08250	(12122416)	407049.34	3747710.96	0.08500	(15122816)
407049.35	3747701.18	0.09172	(15122816)	407049.36	3747691.41	0.09521	(15122816)
407049.37	3747681.63	0.09544	(15122816)	407049.38	3747671.86	0.09271	(15122816)
407050.74	3747807.41	0.07868	(12121416)	407047.22	3747815.89	0.07146	(12121416)
407043.71	3747824.36	0.06962	(13112016)	407040.19	3747832.83	0.07426	(13112016)
407028.21	3747844.82	0.08411	(13112016)	407019.73	3747848.33	0.09001	(12113016)
407002.79	3747855.36	0.10406	(14120316)	407054.25	3747798.94	0.08376	(12121416)

407054.26	3747789.17	0.08964	(12121416)	407054.27
3747779.39	0.09290	(12121416)		
407054.28	3747769.62	0.09295	(12121416)	407054.29
3747759.84	0.08954	(12121416)		
407054.30	3747750.06	0.08278	(12121416)	407054.31
3747740.29	0.07554	(12122416)		
407054.32	3747730.51	0.07770	(12122416)	407054.33
3747720.74	0.07748	(12122416)		
407054.34	3747710.96	0.07832	(15122816)	407054.35
3747701.19	0.08512	(15122816)		
407054.36	3747691.41	0.08908	(15122816)	407054.37
3747681.64	0.09006	(15122816)		
407054.38	3747671.86	0.08827	(15122816)	407056.08
3747806.60	0.07690	(12121416)		
407052.90	3747814.24	0.07145	(12121416)	407049.73
3747821.89	0.06508	(12121716)		
407046.56	3747829.54	0.06695	(13112016)	407043.39
3747837.19	0.07072	(13112016)		
407032.57	3747848.01	0.07921	(13112016)	407024.92
3747851.19	0.08398	(13112016)		
407017.27	3747854.36	0.09071	(12113016)	407009.62
3747857.53	0.09652	(12113016)		
407001.97	3747860.71	0.10234	(14120316)	407059.25
3747798.95	0.08062	(12121416)		
407059.26	3747789.17	0.08556	(12121416)	407059.27
3747779.40	0.08797	(12121416)		
407059.28	3747769.62	0.08741	(12121416)	407059.29
3747759.84	0.08369	(12121416)		
407059.30	3747750.07	0.07700	(12121416)	407059.31
3747740.29	0.07093	(12122416)		
407059.32	3747730.52	0.07299	(12122416)	407059.33
3747720.74	0.07290	(12122416)		
407059.34	3747710.97	0.07223	(15122816)	407059.35
3747701.19	0.07905	(15122816)		
407059.36	3747691.42	0.08334	(15122816)	407059.37
3747681.64	0.08495	(15122816)		
407059.38	3747671.87	0.08398	(15122816)	407060.83
3747807.19	0.07421	(12121416)		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407057.42	3747815.43	0.06893	(12121416)	407054.00	3747823.66	0.06216	(12121416)
407050.58	3747831.90	0.06288	(13112016)	407047.17	3747840.14	0.06689	(13112016)
407035.51	3747851.79	0.07564	(13112016)	407027.28	3747855.21	0.08039	(13112016)
407019.04	3747858.63	0.08720	(12113016)	407010.80			

3747862.05 0.09282 (12113016)
407002.56 3747865.46 0.09876 (14120316) 407064.25
3747798.95 0.07755 (12121416)
407064.26 3747789.18 0.08164 (12121416) 407064.27
3747779.40 0.08333 (12121416)
407064.28 3747769.63 0.08226 (12121416) 407064.29
3747759.85 0.07833 (12121416)
407064.30 3747750.07 0.07173 (12121416) 407064.31
3747740.30 0.06673 (12122416)
407064.32 3747730.52 0.06869 (12122416) 407064.33
3747720.75 0.06871 (12122416)
407064.34 3747710.97 0.06683 (12122416) 407064.35
3747701.20 0.07345 (15122816)
407064.36 3747691.42 0.07799 (15122816) 407064.37
3747681.65 0.08010 (15122816)
407064.38 3747671.87 0.07983 (15122816) 407065.59
3747807.78 0.07161 (12121416)
407061.93 3747816.61 0.06654 (12121416) 407058.27
3747825.43 0.05982 (12121416)
407054.61 3747834.26 0.05910 (13112016) 407050.95
3747843.09 0.06334 (13112016)
407038.46 3747855.57 0.07231 (13112016) 407029.63
3747859.23 0.07704 (13112016)
407020.81 3747862.90 0.08390 (12113016) 407011.98
3747866.56 0.08931 (12113016)
407003.16 3747870.22 0.09532 (14120316) 407069.25
3747798.96 0.07455 (12121416)
407069.26 3747789.18 0.07790 (12121416) 407069.27
3747779.41 0.07896 (12121416)
407069.28 3747769.63 0.07747 (12121416) 407069.29
3747759.86 0.07338 (12121416)
407069.30 3747750.08 0.06692 (12121416) 407069.31
3747740.30 0.06289 (12122416)
407069.32 3747730.53 0.06476 (12122416) 407069.33
3747720.75 0.06487 (12122416)
407069.34 3747710.98 0.06325 (12122416) 407069.35
3747701.20 0.06830 (15122816)
407069.36 3747691.43 0.07300 (15122816) 407069.37
3747681.65 0.07552 (15122816)
407069.38 3747671.88 0.07584 (15122816) 407070.90
3747807.03 0.06961 (12121416)
407067.56 3747815.10 0.06585 (12121416) 407064.21
3747823.17 0.06065 (12121416)
407060.86 3747831.24 0.05695 (12121716) 407057.51
3747839.31 0.05703 (13112016)
407054.17 3747847.38 0.06056 (13112016) 407042.75
3747858.79 0.06839 (13112016)
407034.68 3747862.14 0.07273 (13112016) 407026.61
3747865.49 0.07778 (12113016)
407018.54 3747868.84 0.08334 (12113016) 407010.48
3747872.18 0.08688 (12113016)
407002.41 3747875.53 0.09335 (14120316) 407074.25
3747798.96 0.07163 (12121416)
407074.26 3747789.19 0.07431 (12121416) 407074.27
3747779.41 0.07485 (12121416)
407074.28 3747769.64 0.07301 (12121416) 407074.29
3747759.86 0.06882 (12121416)
407074.30 3747750.08 0.06252 (12121416) 407074.31
3747740.31 0.05937 (12122416)
407074.32 3747730.53 0.06115 (12122416) 407074.33
3747720.76 0.06133 (12122416)
407074.34 3747710.98 0.05993 (12122416) 407074.35
3747701.21 0.06354 (15122816)
407074.36 3747691.43 0.06835 (15122816) 407074.37
3747681.66 0.07119 (15122816)
407074.38 3747671.88 0.07201 (15122816) 407075.69

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407037.21	3747866.10	0.06979	(13112016)	407028.64	3747869.65	0.07487	(12113016)
407020.06	3747873.21	0.08031	(12113016)	407011.49	3747876.77	0.08357	(12113016)
407002.92	3747880.32	0.09017	(14120316)	407079.25	3747798.97	0.06880	(12121416)
407079.26	3747789.19	0.07090	(12121416)	407079.27	3747779.42	0.07097	(12121416)
407079.28	3747769.64	0.06886	(12121416)	407079.29	3747759.87	0.06462	(12121416)
407079.30	3747750.09	0.05858	(16010616)	407079.31	3747740.31	0.05614	(12122416)
407079.32	3747730.54	0.05784	(12122416)	407079.33	3747720.76	0.05808	(12122416)
407079.34	3747710.99	0.05687	(12122416)	407079.35	3747701.21	0.05917	(15122816)
407079.36	3747691.44	0.06401	(15122816)	407079.37	3747681.66	0.06710	(15122816)
407079.38	3747671.89	0.06835	(15122816)	407080.96	3747806.92	0.06504	(12121416)
407077.66	3747814.86	0.06248	(12121416)	407074.37	3747822.80	0.05857	(12121416)
407071.07	3747830.74	0.05359	(12121416)	407067.78	3747838.69	0.05237	(12121716)
407064.48	3747846.63	0.05192	(13112016)	407061.19	3747854.57	0.05506	(13112016)
407049.95	3747865.81	0.06212	(13112016)	407042.01	3747869.11	0.06609	(13112016)
407034.06	3747872.40	0.06965	(12113016)	407026.12	3747875.70	0.07503	(12113016)
407018.18	3747878.99	0.07883	(12113016)	407010.23	3747882.29	0.08117	(14120316)
407002.29	3747885.58	0.08802	(14120316)	407084.25	3747798.97	0.06607	(12121416)
407084.26	3747789.20	0.06765	(12121416)	407084.27	3747779.42	0.06732	(12121416)
407084.28	3747769.65	0.06500	(12121416)	407084.29	3747759.87	0.06073	(12121416)

407084.30 3747750.10 0.05557 (16010616) 407084.31
3747740.32 0.05316 (12122416)
407084.32 3747730.54 0.05479 (12122416) 407084.33
3747720.77 0.05507 (12122416)
407084.34 3747710.99 0.05403 (12122416) 407084.35
3747701.22 0.05513 (15122816)
407084.36 3747691.44 0.05997 (15122816) 407084.37
3747681.67 0.06325 (15122816)
407084.38 3747671.89 0.06485 (15122816) 407085.77
3747807.36 0.06271 (12121416)
407082.29 3747815.75 0.06039 (12121416) 407078.82
3747824.13 0.05663 (12121416)
407075.34 3747832.51 0.05173 (12121416) 407071.86
3747840.90 0.05031 (12121716)
407068.38 3747849.28 0.04962 (12121716) 407064.91
3747857.67 0.05242 (13112016)
407053.04 3747869.53 0.05956 (13112016) 407044.66
3747873.01 0.06351 (13112016)
407036.28 3747876.49 0.06708 (12113016) 407027.89
3747879.97 0.07238 (12113016)
407019.51 3747883.44 0.07600 (12113016) 407011.12
3747886.92 0.07841 (14120316)
407002.74 3747890.40 0.08506 (14120316) 407089.25
3747798.98 0.06342 (12121416)
407089.26 3747789.20 0.06455 (12121416) 407089.27
3747779.43 0.06389 (12121416)
407089.28 3747769.65 0.06139 (12121416) 407089.29
3747759.88 0.05713 (12121416)
407089.30 3747750.10 0.05277 (16010616) 407089.31
3747740.32 0.05042 (12122416)
407089.32 3747730.55 0.05196 (12122416) 407089.33
3747720.77 0.05229 (12122416)
407089.34 3747711.00 0.05140 (12122416) 407089.35
3747701.22 0.05141 (15122816)
407089.36 3747691.45 0.05621 (15122816) 407089.37
3747681.67 0.05963 (15122816)
407089.38 3747671.90 0.06151 (15122816) 407090.59
3747807.81 0.06047 (12121416)
407086.93 3747816.63 0.05838 (12121416) 407083.27
3747825.46 0.05478 (12121416)
407079.61 3747834.29 0.04996 (12121416) 407075.95
3747843.11 0.04836 (12121716)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407072.29	3747851.94	0.04777	(12121716)	407068.62	3747860.76	0.04997	(13112016)
407056.14	3747873.25	0.05716	(13112016)	407047.31			

3747876.91 0.06108 (13112016)
407038.49 3747880.57 0.06466 (12113016) 407029.66
3747884.23 0.06987 (12113016)
407020.84 3747887.90 0.07330 (12113016) 407012.01
3747891.56 0.07578 (14120316)
407003.19 3747895.22 0.08222 (14120316) 407094.25
3747798.98 0.06088 (12121416)
407094.26 3747789.21 0.06160 (12121416) 407094.27
3747779.43 0.06066 (12121416)
407094.28 3747769.66 0.05803 (12121416) 407094.29
3747759.88 0.05380 (12121416)
407094.30 3747750.11 0.05017 (16010616) 407094.31
3747740.33 0.04787 (12122416)
407094.32 3747730.55 0.04935 (12122416) 407094.33
3747720.78 0.04971 (12122416)
407094.34 3747711.00 0.04894 (12122416) 407094.35
3747701.23 0.04849 (16011916)
407094.36 3747691.45 0.05272 (15122816) 407094.37
3747681.68 0.05622 (15122816)
407094.38 3747671.90 0.05834 (15122816) 406994.39
3747666.80 0.12792 (15122816)
406984.59 3747666.79 0.13006 (15122816) 406974.79
3747666.78 0.13740 (13121016)
406965.00 3747666.77 0.14811 (12122016) 406955.20
3747666.76 0.15945 (12122016)
406945.40 3747666.75 0.16577 (12122016) 406935.61
3747666.74 0.16555 (12122016)
406925.81 3747666.73 0.15788 (12122016) 406916.02
3747666.72 0.14929 (16120216)
406906.22 3747666.71 0.14053 (16120216) 406896.42
3747666.70 0.14406 (13112916)
406886.63 3747666.69 0.14680 (13112916) 406876.83
3747666.68 0.14572 (13112916)
406867.04 3747666.67 0.14158 (13112916) 406994.39
3747661.80 0.11499 (15122816)
406984.59 3747661.79 0.12016 (13121016) 406974.80
3747661.78 0.12660 (13121016)
406965.00 3747661.77 0.13654 (12122016) 406955.21
3747661.76 0.14547 (12122016)
406945.41 3747661.75 0.14985 (12122016) 406935.61
3747661.74 0.14852 (12122016)
406925.82 3747661.73 0.14089 (12122016) 406916.02
3747661.72 0.13686 (16120216)
406906.22 3747661.71 0.12981 (16120216) 406896.43
3747661.70 0.12365 (13112916)
406886.63 3747661.69 0.12861 (13112916) 406876.84
3747661.68 0.13007 (13112916)
406867.04 3747661.67 0.12855 (13112916) 406999.70
3747659.00 0.10770 (15122816)
407007.19 3747666.51 0.12125 (15122816) 406994.40
3747656.80 0.10511 (13121016)
406984.60 3747656.79 0.11209 (13121016) 406974.80
3747656.78 0.11639 (13121016)
406965.01 3747656.77 0.12608 (12122016) 406955.21
3747656.76 0.13307 (12122016)
406945.41 3747656.75 0.13594 (12122016) 406935.62
3747656.74 0.13381 (12122016)
406925.82 3747656.73 0.12632 (12122016) 406916.03
3747656.72 0.12586 (16120216)
406906.23 3747656.71 0.12021 (16120216) 406896.43
3747656.70 0.11033 (16120216)
406886.64 3747656.69 0.11206 (13112916) 406876.84
3747656.68 0.11544 (13112916)
406867.05 3747656.67 0.11602 (13112916) 407001.47
3747654.74 0.09831 (15122816)
407011.46 3747664.75 0.11548 (15122816) 406994.40

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406886.64	3747651.69	0.09717	(13112916)	406876.85	3747651.68	0.10192	(13112916)
406867.05	3747651.67	0.10414	(13112916)	407003.24	3747650.47	0.09163	(13121016)
407015.73	3747662.98	0.11009	(15122816)	406994.41	3747646.80	0.09323	(13121016)
406984.61	3747646.79	0.09684	(13121016)	406974.81	3747646.78	0.10128	(12122016)
406965.02	3747646.77	0.10803	(12122016)	406955.22	3747646.76	0.11215	(12122016)
406945.42	3747646.75	0.11292	(12122016)	406935.63	3747646.74	0.10986	(12122016)
406925.83	3747646.73	0.10685	(16120216)	406916.04	3747646.72	0.10738	(16120216)
406906.24	3747646.71	0.10380	(16120216)	406896.44	3747646.70	0.09676	(16120216)
406886.65	3747646.69	0.08718	(16120216)	406876.85	3747646.68	0.08957	(13112916)
406867.06	3747646.67	0.09301	(13112916)	407001.48	3747644.74	0.08739	(13121016)
407008.55	3747647.67	0.08542	(13121016)	407018.54	3747657.68	0.10029	(15122816)
407021.46	3747664.76	0.10936	(15122816)	406994.41	3747641.80	0.08746	(13121016)
406984.61	3747641.79	0.08973	(13121016)	406974.82	3747641.78	0.09472	(12122016)
406965.02	3747641.77	0.10024	(12122016)	406955.23	3747641.76	0.10330	(12122016)
406945.43	3747641.75	0.10336	(12122016)	406935.63	3747641.74	0.10005	(12122016)
406925.84	3747641.73	0.09874	(16120216)	406916.04	3747641.72	0.09958	(16120216)
406906.25	3747641.71	0.09677	(16120216)	406896.45	3747641.70	0.09083	(16120216)

406886.65 3747641.69 0.08250 (16120216) 406876.86
3747641.68 0.07837 (13112916)
406867.06 3747641.67 0.08269 (13112916) 407002.66
3747640.23 0.08255 (13121016)
407010.91 3747643.65 0.08084 (13121016) 407022.56
3747655.33 0.09528 (15122816)
407025.97 3747663.58 0.10481 (15122816) 406994.42
3747636.80 0.08187 (13121016)
406984.62 3747636.79 0.08301 (13121016) 406974.82
3747636.78 0.08868 (12122016)
406965.03 3747636.77 0.09315 (12122016) 406955.23
3747636.76 0.09536 (12122016)
406945.43 3747636.75 0.09487 (12122016) 406935.64
3747636.74 0.09141 (12122016)
406925.84 3747636.73 0.09151 (16120216) 406916.05
3747636.72 0.09258 (16120216)
406906.25 3747636.71 0.09040 (16120216) 406896.45
3747636.70 0.08538 (16120216)
406886.66 3747636.69 0.07815 (16120216) 406876.86
3747636.68 0.06945 (16120216)
406867.07 3747636.67 0.07321 (13112916) 407001.49
3747634.74 0.07789 (13121016)
407008.56 3747637.67 0.07764 (13121016) 407015.63
3747640.61 0.07585 (13121016)
407025.61 3747650.62 0.08776 (15122816) 407028.54
3747657.69 0.09595 (15122816)
407031.46 3747664.77 0.10242 (15122816) 406994.42
3747631.80 0.07648 (13121016)
406984.62 3747631.79 0.07790 (12122016) 406974.83
3747631.78 0.08311 (12122016)
406965.03 3747631.77 0.08670 (12122016) 406955.24
3747631.76 0.08821 (12122016)
406945.44 3747631.75 0.08729 (12122016) 406935.64
3747631.74 0.08376 (12122016)
406925.85 3747631.73 0.08503 (16120216) 406916.05
3747631.72 0.08627 (16120216)
406906.26 3747631.71 0.08462 (16120216) 406896.46
3747631.70 0.08038 (16120216)
406886.66 3747631.69 0.07408 (16120216) 406876.87
3747631.68 0.06637 (16120216)
406867.07 3747631.67 0.06458 (13112916) 407002.38
3747630.10 0.07341 (13121016)
407010.33 3747633.41 0.07359 (13121016) 407018.28
3747636.71 0.07195 (13121016)
407029.52 3747647.97 0.08334 (15122816) 407032.81
3747655.93 0.09182 (15122816)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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407036.09	3747663.89	0.09822	(15122816)	406994.43
3747626.80	0.07132	(13121016)		
406984.63	3747626.79	0.07358	(12122016)	406974.83
3747626.78	0.07796	(12122016)		
406965.04	3747626.77	0.08081	(12122016)	406955.24
3747626.76	0.08175	(12122016)		
406945.45	3747626.75	0.08051	(12122016)	406935.65
3747626.74	0.07697	(12122016)		
406925.85	3747626.73	0.07921	(16120216)	406916.06
3747626.72	0.08058	(16120216)		
406906.26	3747626.71	0.07935	(16120216)	406896.46
3747626.70	0.07577	(16120216)		
406886.67	3747626.69	0.07028	(16120216)	406876.87
3747626.68	0.06343	(16120216)		
406867.08	3747626.67	0.05785	(14121615)	407003.27
3747625.47	0.06918	(13121016)		
407012.10	3747629.14	0.06980	(13121016)	407020.94
3747632.81	0.06833	(13121016)		
407033.42	3747645.32	0.07926	(15122816)	407037.08
3747654.17	0.08794	(15122816)		
407040.73	3747663.01	0.09418	(15122816)	406994.43
3747621.80	0.06642	(13121016)		
406984.63	3747621.79	0.06954	(12122016)	406974.84
3747621.78	0.07320	(12122016)		
406965.04	3747621.77	0.07543	(12122016)	406955.25
3747621.76	0.07591	(12122016)		
406945.45	3747621.75	0.07443	(12122016)	406935.65
3747621.74	0.07091	(12122016)		
406925.86	3747621.73	0.07395	(16120216)	406916.06
3747621.72	0.07541	(16120216)		
406906.27	3747621.71	0.07453	(16120216)	406896.47
3747621.70	0.07152	(16120216)		
406886.67	3747621.69	0.06673	(16120216)	406876.88
3747621.68	0.06065	(16120216)		
406867.08	3747621.67	0.05376	(16120216)	407002.21
3747620.03	0.06469	(13121016)		
407009.99	3747623.26	0.06611	(13121016)	407017.76
3747626.49	0.06601	(13121016)		
407025.54	3747629.72	0.06447	(13121016)	407036.52
3747640.73	0.07348	(15122816)		
407039.74	3747648.51	0.08105	(15122816)	407042.95
3747656.29	0.08709	(15122816)		
407046.17	3747664.07	0.09109	(15122816)	406994.44
3747616.80	0.06176	(13121016)		
406984.64	3747616.79	0.06575	(12122016)	406974.84
3747616.78	0.06880	(12122016)		
406965.05	3747616.77	0.07050	(12122016)	406955.25
3747616.76	0.07061	(12122016)		
406945.46	3747616.75	0.06895	(12122016)	406935.66
3747616.74	0.06560	(16120216)		
406925.86	3747616.73	0.06919	(16120216)	406916.07
3747616.72	0.07070	(16120216)		
406906.27	3747616.71	0.07012	(16120216)	406896.47
3747616.70	0.06758	(16120216)		
406886.68	3747616.69	0.06341	(16120216)	406876.88
3747616.68	0.05800	(16120216)		
406867.09	3747616.67	0.05180	(16120216)	407002.92
3747615.32	0.06081	(13121016)		
407011.40	3747618.85	0.06265	(13121016)	407019.89
3747622.37	0.06280	(13121016)		
407028.37	3747625.89	0.06137	(13121016)	407040.36
3747637.91	0.06994	(15122816)		
407043.86	3747646.39	0.07762	(15122816)	407047.37
3747654.88	0.08359	(15122816)		
407050.87	3747663.37	0.08728	(15122816)	406994.44

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407009.76	3747613.16	0.05884	(13121016)	407017.42	3747616.34	0.05981	(13121016)
407025.07	3747619.52	0.05955	(13121016)	407032.73	3747622.70	0.05812	(13121016)
407043.55	3747633.55	0.06522	(15122816)	407046.72	3747641.21	0.07200	(15122816)
407049.88	3747648.88	0.07763	(15122816)	407053.05	3747656.54	0.08170	(15122816)
407056.21	3747664.20	0.08389	(15122816)	406994.45	3747606.80	0.05586	(12122016)
406984.65	3747606.79	0.05888	(12122016)	406974.85	3747606.78	0.06095	(12122016)
406965.06	3747606.77	0.06184	(12122016)	406955.26	3747606.76	0.06140	(12122016)
406945.47	3747606.75	0.05953	(12122016)	406935.67	3747606.74	0.05769	(16120216)
406925.87	3747606.73	0.06092	(16120216)	406916.08	3747606.72	0.06248	(16120216)
406906.28	3747606.71	0.06234	(16120216)	406896.48	3747606.70	0.06057	(16120216)
406886.69	3747606.69	0.05740	(16120216)	406876.89	3747606.68	0.05312	(16120216)
406867.10	3747606.67	0.04806	(16120216)	407002.70	3747605.23	0.05311	(13121016)
407010.94	3747608.65	0.05566	(13121016)	407019.19	3747612.08	0.05690	(13121016)
407027.44	3747615.50	0.05679	(13121016)	407035.68	3747618.93	0.05544	(13121016)
407047.34	3747630.61	0.06215	(15122816)	407050.75	3747638.86	0.06899	(15122816)

407054.15 3747647.11 0.07458 (15122816) 407057.56
3747655.37 0.07847 (15122816)
407060.97 3747663.62 0.08028 (15122816) 406994.45
3747601.80 0.05319 (12122016)
406984.66 3747601.79 0.05576 (12122016) 406974.86
3747601.78 0.05744 (12122016)
406965.06 3747601.77 0.05802 (12122016) 406955.27
3747601.76 0.05739 (12122016)
406945.47 3747601.75 0.05546 (12122016) 406935.67
3747601.74 0.05425 (16120216)
406925.88 3747601.73 0.05732 (16120216) 406916.08
3747601.72 0.05888 (16120216)
406906.29 3747601.71 0.05890 (16120216) 406896.49
3747601.70 0.05744 (16120216)
406886.69 3747601.69 0.05468 (16120216) 406876.90
3747601.68 0.05087 (16120216)
406867.10 3747601.67 0.04630 (16120216) 407003.29
3747600.47 0.04981 (13121016)
407012.13 3747604.14 0.05267 (13121016) 407020.96
3747607.81 0.05415 (13121016)
407029.80 3747611.48 0.05422 (13121016) 407038.63
3747615.15 0.05295 (13121016)
407051.12 3747627.66 0.05928 (15122816) 407054.77
3747636.51 0.06617 (15122816)
407058.42 3747645.35 0.07171 (15122816) 407062.08
3747654.19 0.07538 (15122816)
407065.73 3747663.03 0.07682 (15122816) 406994.46
3747596.80 0.05066 (12122016)
406984.66 3747596.79 0.05285 (12122016) 406974.86
3747596.78 0.05418 (12122016)
406965.07 3747596.77 0.05451 (12122016) 406955.27
3747596.76 0.05372 (12122016)
406945.48 3747596.75 0.05176 (12122016) 406935.68
3747596.74 0.05111 (16120216)
406925.88 3747596.73 0.05402 (16120216) 406916.09
3747596.72 0.05558 (16120216)
406906.29 3747596.71 0.05573 (16120216) 406896.50
3747596.70 0.05453 (16120216)
406886.70 3747596.69 0.05212 (16120216) 406876.90
3747596.68 0.04873 (16120216)
406867.11 3747596.67 0.04461 (16120216) 407002.54
3747595.16 0.04763 (12122016)
407010.62 3747598.51 0.04910 (13121016) 407018.70
3747601.87 0.05103 (13121016)
407026.77 3747605.22 0.05186 (13121016) 407034.85
3747608.58 0.05161 (13121016)
407042.93 3747611.93 0.05034 (13121016) 407054.35
3747623.37 0.05555 (15122816)
407057.68 3747631.46 0.06168 (15122816) 407061.02
3747639.54 0.06686 (15122816)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407064.36	3747647.63	0.07074	(15122816)	407067.70	3747655.71	0.07301	(15122816)
407071.04	3747663.80	0.07345	(15122816)	406994.46	3747591.80	0.04826	(12122016)
406984.67	3747591.79	0.05011	(12122016)	406974.87	3747591.78	0.05116	(12122016)
406965.07	3747591.77	0.05127	(12122016)	406955.28	3747591.76	0.05035	(12122016)
406945.48	3747591.75	0.04839	(12122016)	406935.68	3747591.74	0.04823	(16120216)
406925.89	3747591.73	0.05099	(16120216)	406916.09	3747591.72	0.05253	(16120216)
406906.30	3747591.71	0.05280	(16120216)	406896.50	3747591.70	0.05182	(16120216)
406886.70	3747591.69	0.04973	(16120216)	406876.91	3747591.68	0.04671	(16120216)
406867.11	3747591.67	0.04298	(16120216)	407003.05	3747590.37	0.04552	(12122016)
407011.63	3747593.93	0.04638	(13121016)	407020.21	3747597.50	0.04852	(13121016)
407028.80	3747601.06	0.04952	(13121016)	407037.38	3747604.63	0.04939	(13121016)
407045.96	3747608.19	0.04818	(13121016)	407058.09	3747620.35	0.05307	(15122816)
407061.64	3747628.94	0.05920	(15122816)	407065.19	3747637.53	0.06435	(15122816)
407068.74	3747646.12	0.06809	(15122816)	407072.28	3747654.71	0.07013	(15122816)
407075.83	3747663.30	0.07022	(15122816)	406994.47	3747586.80	0.04600	(12122016)
406984.67	3747586.79	0.04755	(12122016)	406974.87	3747586.78	0.04835	(12122016)
406965.08	3747586.77	0.04827	(12122016)	406955.28	3747586.76	0.04726	(12122016)
406945.49	3747586.75	0.04531	(12122016)	406935.69	3747586.74	0.04558	(16120216)
406925.89	3747586.73	0.04821	(16120216)	406916.10	3747586.72	0.04973	(16120216)
406906.30	3747586.71	0.05008	(16120216)	406896.51	3747586.70	0.04930	(16120216)
406886.71	3747586.69	0.04748	(16120216)	406876.91	3747586.68	0.04479	(16120216)
406867.12	3747586.67	0.04142	(16120216)	407002.42	3747585.10	0.04361	(12122016)
407010.38	3747588.41	0.04308	(13121016)	407018.33	3747591.71	0.04541	(13121016)
407026.28	3747595.01	0.04688	(13121016)	407034.23	3747598.32	0.04745	(13121016)
407042.18	3747601.62	0.04711	(13121016)	407050.13	3747604.92	0.04593	(13121016)
407061.37	3747616.18	0.04993	(15122816)	407064.66	3747624.14	0.05542	(15122816)
407067.95	3747632.10	0.06021	(15122816)	407071.23	3747640.06	0.06399	(15122816)
407074.52	3747648.02	0.06648	(15122816)	407077.81	3747655.98	0.06750	(15122816)
407081.09	3747663.93	0.06696	(15122816)	406994.47	3747581.80	0.04386	(12122016)
406984.68	3747581.79	0.04515	(12122016)	406974.88	3747581.78	0.04573	(12122016)
406965.08	3747581.77	0.04550	(12122016)	406955.29			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407072.03	3747629.89	0.05799	(15122816)	407075.50	3747638.30	0.06168	(15122816)
407078.97	3747646.70	0.06402	(15122816)	407082.44	3747655.10	0.06481	(15122816)
407085.91	3747663.50	0.06396	(15122816)	406994.48	3747576.80	0.04184	(12122016)
406984.68	3747576.79	0.04290	(12122016)	406974.88	3747576.78	0.04329	(12122016)
406965.09	3747576.77	0.04293	(12122016)	406955.29	3747576.76	0.04180	(12122016)
406945.50	3747576.75	0.03989	(12122016)	406935.70	3747576.74	0.04090	(16120216)
406925.90	3747576.73	0.04327	(16120216)	406916.11	3747576.72	0.04473	(16120216)
406906.31	3747576.71	0.04522	(16120216)	406896.52	3747576.70	0.04475	(16120216)
406886.72	3747576.69	0.04338	(16120216)	406876.92	3747576.68	0.04125	(16120216)
406867.13	3747576.67	0.03849	(16120216)	407003.32	3747575.47	0.03992	(12122016)
407012.15	3747579.14	0.03927	(12122016)	407020.99	3747582.81	0.04098	(13121016)
407029.82	3747586.48	0.04273	(13121016)	407038.66	3747590.15	0.04351	(13121016)
407047.49	3747593.82	0.04333	(13121016)	407056.33	3747597.49	0.04225	(13121016)

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      407068.82   3747610.00        0.04572  (15122816)                407072.47
      3747618.85        0.05120  (15122816)
      407076.12   3747627.69        0.05591  (15122816)                407079.77
      3747636.53        0.05950  (15122816)
      407083.42   3747645.37        0.06168  (15122816)                407087.08
      3747654.22        0.06224  (15122816)
      407090.73   3747663.06        0.06110  (15122816)                406994.48
      3747571.80        0.03992  (12122016)
      406984.69   3747571.79        0.04078  (12122016)                406974.89
      3747571.78        0.04101  (12122016)
      406965.09   3747571.77        0.04056  (12122016)                406955.30
      3747571.76        0.03939  (12122016)
      406945.50   3747571.75        0.03751  (12122016)                406935.71
      3747571.74        0.03882  (16120216)
      406925.91   3747571.73        0.04108  (16120216)                406916.11
      3747571.72        0.04250  (16120216)
      406906.32   3747571.71        0.04304  (16120216)                406896.52
      3747571.70        0.04269  (16120216)
      406886.72   3747571.69        0.04151  (16120216)                406876.93
      3747571.68        0.03961  (16120216)
      406867.13   3747571.67        0.03712  (16120216)                406862.03
      3747671.67        0.15038  (13112916)
      406862.03   3747681.47        0.17286  (13112916)                406862.03
      3747691.26        0.19247  (13112916)
      406862.03   3747701.06        0.20660  (13112916)                406862.03
      3747710.85        0.21257  (13112916)
      406862.03   3747720.65        0.23050  (13121916)                406862.03
      3747730.45        0.25921  (13121916)
      406862.03   3747740.24        0.27137  (13121916)                406862.03
      3747750.04        0.26508  (13121916)
      406862.03   3747759.84        0.24216  (13121916)                406862.03
      3747769.63        0.20744  (13121916)
      406862.03   3747779.43        0.16705  (13121916)                406862.03
      3747789.22        0.14230  (15021709)
      406862.03   3747799.02        0.12989  (15021709)                406857.03
      3747671.67        0.14544  (13112916)
      406857.03   3747681.47        0.16468  (13112916)                406857.03
      3747691.26        0.18061  (13112916)
      406857.03   3747701.06        0.19100  (13112916)                406857.03
      3747710.85        0.19371  (13112916)
      406857.03   3747720.65        0.21143  (13121916)                406857.03
      3747730.45        0.23777  (13121916)
      406857.03   3747740.24        0.24965  (13121916)                406857.03
      3747750.04        0.24524  (13121916)
      406857.03   3747759.84        0.22588  (13121916)                406857.03
      3747769.63        0.19558  (13121916)
      406857.03   3747779.43        0.15955  (13121916)                406857.03
      3747789.22        0.13266  (15021709)
      406857.03   3747799.02        0.12295  (15021709)                406854.23
      3747666.36        0.13230  (13112916)
      406861.74   3747658.86        0.12026  (13112916)                406852.03
      3747671.67        0.14022  (13112916)
      406852.03   3747681.47        0.15650  (13112916)                406852.03
      3747691.26        0.16921  (13112916)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:58:07

                    PAGE  60
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):     VOL1        ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406852.03	3747701.06	0.17647	(13112916)	406852.03	3747710.85	0.17657	(13112916)
406852.03	3747720.65	0.19461	(13121916)	406852.03	3747730.45	0.21884	(13121916)
406852.03	3747740.24	0.23036	(13121916)	406852.03	3747750.04	0.22748	(13121916)
406852.03	3747759.84	0.21114	(13121916)	406852.03	3747769.63	0.18465	(13121916)
406852.03	3747779.43	0.15249	(13121916)	406852.03	3747789.22	0.12328	(15021709)
406852.03	3747799.02	0.11593	(15021709)	406849.96	3747664.60	0.12581	(13112916)
406859.97	3747654.60	0.11050	(13112916)	406847.03	3747671.67	0.13480	(13112916)
406847.03	3747681.47	0.14842	(13112916)	406847.03	3747691.26	0.15834	(13112916)
406847.03	3747701.06	0.16297	(13112916)	406847.03	3747710.85	0.16102	(13112916)
406847.03	3747720.65	0.17972	(13121916)	406847.03	3747730.45	0.20204	(13121916)
406847.03	3747740.24	0.21318	(13121916)	406847.03	3747750.04	0.21153	(13121916)
406847.03	3747759.84	0.19775	(13121916)	406847.03	3747769.63	0.17457	(13121916)
406847.03	3747779.43	0.14583	(13121916)	406847.03	3747789.22	0.11560	(13121916)
406847.03	3747799.02	0.10895	(15021709)	406845.70	3747662.83	0.11975	(13112916)
406858.21	3747650.33	0.10151	(13112916)	406842.03	3747671.67	0.12926	(13112916)
406842.03	3747681.47	0.14050	(13112916)	406842.03	3747691.26	0.14801	(13112916)
406842.03	3747701.06	0.15047	(13112916)	406842.03	3747710.85	0.14693	(13112916)
406842.03	3747720.65	0.16649	(13121916)	406842.03	3747730.45	0.18710	(13121916)
406842.03	3747740.24	0.19783	(13121916)	406842.03	3747750.04	0.19716	(13121916)
406842.03	3747759.84	0.18556	(13121916)	406842.03	3747769.63	0.16526	(13121916)
406842.03	3747779.43	0.13955	(13121916)	406842.03	3747789.22	0.11202	(13121916)
406842.03	3747799.02	0.10208	(15021709)	406839.96	3747664.60	0.11792	(13112916)
406842.90	3747657.52	0.10974	(13112916)	406852.91	3747647.52	0.09590	(13112916)
406859.98	3747644.60	0.09017	(13112916)	406837.03	3747671.67	0.12367	(13112916)
406837.03	3747681.47	0.13280	(13112916)	406837.03	3747691.26	0.13824	(13112916)
406837.03	3747701.06	0.13892	(13112916)	406837.03	3747710.85	0.13417	(13112916)
406837.03	3747720.65	0.15469	(13121916)	406837.03	3747730.45	0.17375	(13121916)
406837.03	3747740.24	0.18406	(13121916)	406837.03	3747750.04	0.18419	(13121916)
406837.03	3747759.84	0.17444	(13121916)	406837.03			

3747769.63	0.15664	(13121916)			
406837.03	3747779.43	0.13362	(13121916)	406837.03	
3747789.22	0.10855	(13121916)			
406837.03	3747799.02	0.09538	(15021709)	406835.45	
3747663.42	0.11273	(13112916)			
406838.87	3747655.16	0.10420	(13112916)	406850.55	
3747643.50	0.08886	(13112916)			
406858.81	3747640.08	0.08201	(13112916)	406832.03	
3747671.67	0.11809	(13112916)			
406832.03	3747681.47	0.12536	(13112916)	406832.03	
3747691.26	0.12904	(13112916)			
406832.03	3747701.06	0.12828	(13112916)	406832.03	
3747710.85	0.12262	(13112916)			
406832.03	3747720.65	0.14412	(13121916)	406832.03	
3747730.45	0.16179	(13121916)			
406832.03	3747740.24	0.17167	(13121916)	406832.03	
3747750.04	0.17244	(13121916)			
406832.03	3747759.84	0.16426	(13121916)	406832.03	
3747769.63	0.14865	(13121916)			
406832.03	3747779.43	0.12802	(13121916)	406832.03	
3747789.22	0.10516	(13121916)			
406832.03	3747799.02	0.08890	(15021709)	406829.96	
3747664.60	0.10939	(13112916)			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406832.90	3747657.52	0.10387	(13112916)	406835.83			
3747650.45	0.09645	(13112916)					
406845.84	3747640.45	0.08397	(13112916)	406852.92			
3747637.52	0.07878	(13112916)					
406859.99	3747634.60	0.07223	(13112916)	406827.03			
3747671.67	0.11257	(13112916)					
406827.03	3747681.47	0.11821	(13112916)	406827.03			
3747691.26	0.12039	(13112916)					
406827.03	3747701.06	0.11847	(13112916)	406827.03			
3747710.85	0.11352	(13121916)					
406827.03	3747720.65	0.13463	(13121916)	406827.03			
3747730.45	0.15103	(13121916)					
406827.03	3747740.24	0.16048	(13121916)	406827.03			
3747750.04	0.16178	(13121916)					
406827.03	3747759.84	0.15494	(13121916)	406827.03			
3747769.63	0.14123	(13121916)					
406827.03	3747779.43	0.12273	(13121916)	406827.03			
3747789.22	0.10188	(13121916)					
406827.03	3747799.02	0.08267	(15021709)	406825.33			
3747663.71	0.10459	(13112916)					
406828.63	3747655.75	0.09924	(13112916)	406831.93			
3747647.79	0.09161	(13112916)					

406843.19 3747636.54 0.07825 (13112916) 406851.15
3747633.25 0.07244 (13112916)
406859.11 3747629.96 0.06515 (13112916) 406822.03
3747671.67 0.10715 (13112916)
406822.03 3747681.47 0.11137 (13112916) 406822.03
3747691.26 0.11230 (13112916)
406822.03 3747701.06 0.10945 (13112916) 406822.03
3747710.85 0.10659 (13121916)
406822.03 3747720.65 0.12606 (13121916) 406822.03
3747730.45 0.14132 (13121916)
406822.03 3747740.24 0.15036 (13121916) 406822.03
3747750.04 0.15206 (13121916)
406822.03 3747759.84 0.14637 (13121916) 406822.03
3747769.63 0.13433 (13121916)
406822.03 3747779.43 0.11772 (13121916) 406822.03
3747789.22 0.09869 (13121916)
406822.03 3747799.02 0.07929 (13121916) 406820.70
3747662.83 0.10001 (13112916)
406824.36 3747653.98 0.09489 (13112916) 406828.03
3747645.14 0.08714 (13112916)
406840.54 3747632.64 0.07302 (13112916) 406849.39
3747628.98 0.06663 (13112916)
406858.23 3747625.33 0.05872 (13112916) 406817.03
3747671.67 0.10186 (13112916)
406817.03 3747681.47 0.10484 (13112916) 406817.03
3747691.26 0.10472 (13112916)
406817.03 3747701.06 0.10116 (13112916) 406817.03
3747710.85 0.10031 (13121916)
406817.03 3747720.65 0.11830 (13121916) 406817.03
3747730.45 0.13253 (13121916)
406817.03 3747740.24 0.14117 (13121916) 406817.03
3747750.04 0.14319 (13121916)
406817.03 3747759.84 0.13848 (13121916) 406817.03
3747769.63 0.12790 (13121916)
406817.03 3747779.43 0.11297 (13121916) 406817.03
3747789.22 0.09560 (13121916)
406817.03 3747799.02 0.07762 (13121916) 406815.26
3747663.89 0.09616 (13112916)
406818.48 3747656.11 0.09315 (13112916) 406821.71
3747648.32 0.08801 (13112916)
406824.93 3747640.54 0.08115 (13112916) 406835.94
3747629.54 0.06936 (13112916)
406843.73 3747626.32 0.06430 (13112916) 406851.52
3747623.11 0.05810 (13112916)
406859.30 3747619.89 0.05199 (14121615) 406812.03
3747671.67 0.09672 (13112916)
406812.03 3747681.47 0.09864 (13112916) 406812.03
3747691.26 0.09766 (13112916)
406812.03 3747701.06 0.09354 (13112916) 406812.03
3747710.85 0.09459 (13121916)
406812.03 3747720.65 0.11126 (13121916) 406812.03
3747730.45 0.12454 (13121916)
406812.03 3747740.24 0.13279 (13121916) 406812.03
3747750.04 0.13506 (13121916)
406812.03 3747759.84 0.13119 (13121916) 406812.03
3747769.63 0.12189 (13121916)
406812.03 3747779.43 0.10847 (13121916) 406812.03
3747789.22 0.09260 (13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406812.03	3747799.02	0.07595	(13121916)	406810.55	3747663.18	0.09185	(13112916)
406814.07	3747654.69	0.08923	(13112916)	406817.59	3747646.20	0.08422	(13112916)
406821.11	3747637.71	0.07728	(13112916)	406833.12	3747625.71	0.06504	(13112916)
406841.61	3747622.20	0.05963	(13112916)	406858.60	3747615.18	0.04805	(14121615)
406807.03	3747671.67	0.09176	(13112916)	406807.03	3747681.47	0.09276	(13112916)
406807.03	3747691.26	0.09107	(13112916)	406807.03	3747701.06	0.08654	(13112916)
406807.03	3747710.85	0.08936	(13121916)	406807.03	3747720.65	0.10484	(13121916)
406807.03	3747730.45	0.11726	(13121916)	406807.03	3747740.24	0.12514	(13121916)
406807.03	3747750.04	0.12760	(13121916)	406807.03	3747759.84	0.12445	(13121916)
406807.03	3747769.63	0.11628	(13121916)	406807.03	3747779.43	0.10420	(13121916)
406807.03	3747789.22	0.08970	(13121916)	406807.03	3747799.02	0.07428	(13121916)
406805.21	3747664.01	0.08782	(13112916)	406808.38	3747656.34	0.08657	(13112916)
406811.56	3747648.68	0.08340	(13112916)	406814.74	3747641.01	0.07854	(13112916)
406817.91	3747633.35	0.07237	(13112916)	406828.76	3747622.52	0.06187	(13112916)
406836.43	3747619.35	0.05740	(13112916)	406844.09	3747616.18	0.05203	(13112916)
406851.76	3747613.01	0.04688	(14121615)	406859.43	3747609.84	0.04469	(16120216)
406802.03	3747671.67	0.08698	(13112916)	406802.03	3747681.47	0.08720	(13112916)
406802.03	3747691.26	0.08494	(13112916)	406802.03	3747701.06	0.08012	(13112916)
406802.03	3747710.85	0.08457	(13121916)	406802.03	3747720.65	0.09897	(13121916)
406802.03	3747730.45	0.11060	(13121916)	406802.03	3747740.24	0.11813	(13121916)
406802.03	3747750.04	0.12073	(13121916)	406802.03	3747759.84	0.11821	(13121916)
406802.03	3747769.63	0.11103	(13121916)	406802.03	3747779.43	0.10015	(13121916)
406802.03	3747789.22	0.08690	(13121916)	406802.03	3747799.02	0.07260	(13121916)
406800.45	3747663.42	0.08379	(13112916)	406803.87	3747655.16	0.08295	(13112916)
406807.29	3747646.91	0.08001	(13112916)	406810.72	3747638.65	0.07522	(13112916)
406814.14	3747630.40	0.06901	(13112916)	406825.82	3747618.73	0.05823	(13112916)
406834.07	3747615.32	0.05355	(13112916)	406842.33			

3747611.91 0.04796 (13112916)
406850.59 3747608.50 0.04371 (14121615) 406858.84
3747605.08 0.04302 (16120216)
406797.03 3747671.67 0.08239 (13112916) 406797.03
3747681.47 0.08196 (13112916)
406797.03 3747691.26 0.07923 (13112916) 406797.03
3747701.06 0.07422 (13112916)
406797.03 3747710.85 0.08018 (13121916) 406797.03
3747720.65 0.09360 (13121916)
406797.03 3747730.45 0.10450 (13121916) 406797.03
3747740.24 0.11169 (13121916)
406797.03 3747750.04 0.11440 (13121916) 406797.03
3747759.84 0.11241 (13121916)
406797.03 3747769.63 0.10610 (13121916) 406797.03
3747779.43 0.09631 (13121916)
406797.03 3747789.22 0.08418 (13121916) 406797.03
3747799.02 0.07094 (13121916)
406795.70 3747662.83 0.07995 (13112916) 406799.36
3747653.98 0.07952 (13112916)
406803.03 3747645.14 0.07681 (13112916) 406806.69
3747636.30 0.07213 (13112916)
406810.36 3747627.45 0.06588 (13112916) 406822.87
3747614.95 0.05488 (13112916)
406831.72 3747611.30 0.05002 (13112916) 406840.57
3747607.64 0.04424 (13112916)
406849.41 3747603.98 0.04076 (14121615) 406858.26
3747600.33 0.04144 (16120216)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406792.03	3747671.67	0.07801	(13112916)	406792.03	3747681.47	0.07702	(13112916)
406792.03	3747691.26	0.07393	(13112916)	406792.03	3747701.06	0.06879	(13112916)
406792.03	3747710.85	0.07613	(13121916)	406792.03	3747720.65	0.08866	(13121916)
406792.03	3747730.45	0.09890	(13121916)	406792.03	3747740.24	0.10576	(13121916)
406792.03	3747750.04	0.10855	(13121916)	406792.03	3747759.84	0.10702	(13121916)
406792.03	3747769.63	0.10148	(13121916)	406792.03	3747779.43	0.09265	(13121916)
406792.03	3747789.22	0.08156	(13121916)	406792.03	3747799.02	0.06929	(13121916)
406790.38	3747663.58	0.07608	(13112916)	406793.73	3747655.50	0.07652	(13112916)
406797.08	3747647.41	0.07513	(13112916)	406800.44	3747639.33	0.07207	(13112916)

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      406803.79   3747631.24        0.06758  (13112916)                406807.14
      3747623.16        0.06198  (13112916)
      406818.58   3747611.73        0.05241  (13112916)                406826.67
      3747608.39        0.04830  (13112916)
      406834.76   3747605.04        0.04345  (13112916)                406842.85
      3747601.70        0.03982  (14121615)
      406850.93   3747598.36        0.03726  (16120216)                406859.02
      3747595.01        0.04041  (16120216)
      406787.03   3747671.67        0.07382  (13112916)                406787.03
      3747681.47        0.07237  (13112916)
      406787.03   3747691.26        0.06901  (13112916)                406787.03
      3747701.06        0.06381  (13112916)
      406787.03   3747710.85        0.07239  (13121916)                406787.03
      3747720.65        0.08411  (13121916)
      406787.03   3747730.45        0.09374  (13121916)                406787.03
      3747740.24        0.10030  (13121916)
      406787.03   3747750.04        0.10313  (13121916)                406787.03
      3747759.84        0.10200  (13121916)
      406787.03   3747769.63        0.09715  (13121916)                406787.03
      3747779.43        0.08919  (13121916)
      406787.03   3747789.22        0.07903  (13121916)                406787.03
      3747799.02        0.06765  (13121916)
      406785.59   3747663.08        0.07253  (13112916)                406789.15
      3747654.49        0.07332  (13112916)
      406792.71   3747645.90        0.07220  (13112916)                406796.27
      3747637.31        0.06929  (13112916)
      406799.83   3747628.72        0.06486  (13112916)                406803.40
      3747620.13        0.05926  (13112916)
      406815.55   3747607.98        0.04955  (13112916)                406824.15
      3747604.43        0.04532  (13112916)
      406841.33   3747597.33        0.03739  (14121615)                406849.93
      3747593.77        0.03588  (16120216)
      406858.52   3747590.22        0.03896  (16120216)                406782.03
      3747671.67        0.06983  (13112916)
      406782.03   3747681.47        0.06800  (13112916)                406782.03
      3747691.26        0.06443  (13112916)
      406782.03   3747701.06        0.05924  (13112916)                406782.03
      3747710.85        0.06893  (13121916)
      406782.03   3747720.65        0.07991  (13121916)                406782.03
      3747730.45        0.08898  (13121916)
      406782.03   3747740.24        0.09525  (13121916)                406782.03
      3747750.04        0.09810  (13121916)
      406782.03   3747759.84        0.09732  (13121916)                406782.03
      3747769.63        0.09307  (13121916)
      406782.03   3747779.43        0.08589  (13121916)                406782.03
      3747789.22        0.07659  (13121916)
      406782.03   3747799.02        0.06604  (13121916)                406780.33
      3747663.71        0.06886  (13112916)
      406783.63   3747655.75        0.07019  (13112916)                406786.93
      3747647.79        0.06997  (13112916)
      406790.23   3747639.83        0.06826  (13112916)                406793.53
      3747631.87        0.06520  (13112916)
      406796.82   3747623.92        0.06101  (13112916)                406800.12
      3747615.96        0.05595  (13112916)
      406811.39   3747604.71        0.04738  (13112916)                406819.35
      3747601.42        0.04373  (13112916)
      406827.31   3747598.12        0.03949  (13112916)                406835.27
      3747594.83        0.03639  (14121615)
      406843.23   3747591.54        0.03405  (14121615)                406851.20
      3747588.25        0.03537  (16120216)
      406859.16   3747584.96        0.03791  (16120216)                406777.03
      3747671.67        0.06604  (13112916)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:58:07
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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406777.03	3747681.47	0.06390	(13112916)	406777.03	3747691.26	0.06018	(13112916)
406777.03	3747701.06	0.05503	(13112916)	406777.03	3747710.85	0.06572	(13121916)
406777.03	3747720.65	0.07603	(13121916)	406777.03	3747730.45	0.08458	(13121916)
406777.03	3747740.24	0.09057	(13121916)	406777.03	3747750.04	0.09344	(13121916)
406777.03	3747759.84	0.09294	(13121916)	406777.03	3747769.63	0.08923	(13121916)
406777.03	3747779.43	0.08275	(13121916)	406777.03	3747789.22	0.07423	(13121916)
406777.03	3747799.02	0.06445	(13121916)	406775.51	3747663.27	0.06559	(13112916)
406778.99	3747654.87	0.06722	(13112916)	406782.48	3747646.47	0.06725	(13112916)
406785.96	3747638.07	0.06572	(13112916)	406789.44	3747629.66	0.06276	(13112916)
406792.92	3747621.26	0.05861	(13112916)	406796.41	3747612.86	0.05356	(13112916)
406808.29	3747600.99	0.04493	(13112916)	406816.70	3747597.51	0.04120	(13112916)
406825.10	3747594.04	0.03691	(13112916)	406833.51	3747590.57	0.03433	(14121615)
406841.91	3747587.09	0.03191	(14121615)	406850.32	3747583.62	0.03411	(16120216)
406858.72	3747580.14	0.03658	(16120216)	406772.03	3747671.67	0.06244	(13112916)
406772.03	3747681.47	0.06005	(13112916)	406772.03	3747691.26	0.05624	(13112916)
406772.03	3747701.06	0.05232	(13121916)	406772.03	3747710.85	0.06274	(13121916)
406772.03	3747720.65	0.07243	(13121916)	406772.03	3747730.45	0.08051	(13121916)
406772.03	3747740.24	0.08623	(13121916)	406772.03	3747750.04	0.08909	(13121916)
406772.03	3747759.84	0.08885	(13121916)	406772.03	3747769.63	0.08561	(13121916)
406772.03	3747779.43	0.07977	(13121916)	406772.03	3747789.22	0.07196	(13121916)
406772.03	3747799.02	0.06289	(13121916)	406770.70	3747662.83	0.06248	(13112916)
406774.36	3747653.98	0.06439	(13112916)	406778.03	3747645.14	0.06466	(13112916)
406781.69	3747636.30	0.06330	(13112916)	406785.36	3747627.45	0.06045	(13112916)
406789.02	3747618.61	0.05636	(13112916)	406792.69	3747609.77	0.05133	(13112916)
406805.20	3747597.27	0.04264	(13112916)	406814.05			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406822.90	3747593.61	0.03886	(13112916)				
406831.74	3747589.95	0.03451	(13112916)				
406849.44	3747586.30	0.03241	(14121615)				
406858.28	3747578.98	0.03292	(16120216)				
406767.03	3747575.33	0.03531	(16120216)				
406767.03	3747671.67	0.05902	(13112916)				
406767.03	3747681.47	0.05644	(13112916)				
406767.03	3747691.26	0.05257	(13112916)				
406767.03	3747701.06	0.05017	(13121916)				
406767.03	3747710.85	0.05997	(13121916)				
406767.03	3747720.65	0.06908	(13121916)				
406767.03	3747730.45	0.07672	(13121916)				
406767.03	3747740.24	0.08220	(13121916)				
406767.03	3747750.04	0.08504	(13121916)				
406767.03	3747759.84	0.08502	(13121916)				
406767.03	3747769.63	0.08220	(13121916)				
406767.03	3747779.43	0.07694	(13121916)				
406767.03	3747789.22	0.06977	(13121916)				
406767.03	3747799.02	0.06135	(13121916)				
406867.04	3747804.02	0.12837	(15021709)	406876.82	3747804.01	0.13764	(15021709)
406886.61	3747804.00	0.15055	(14021809)	406896.39	3747803.99	0.17782	(14120316)
406906.18	3747803.98	0.23080	(14120316)	406915.97	3747803.97	0.27967	(14120316)
406925.75	3747803.96	0.31714	(14120316)	406935.54	3747803.94	0.33784	(14120316)
406945.32	3747803.93	0.33919	(14120316)	406955.11	3747803.92	0.32224	(14120316)
406964.90	3747803.91	0.29077	(14120316)	406974.68	3747803.90	0.25015	(14120316)
406984.47	3747803.89	0.20586	(14120316)	406994.26	3747803.88	0.16267	(14120316)
406867.04	3747809.02	0.11999	(15021709)	406876.83	3747809.01	0.12667	(15021709)
406886.61	3747809.00	0.14173	(14021809)	406896.40	3747808.99	0.16110	(14120316)
406906.19	3747808.98	0.20836	(14120316)	406915.97	3747808.97	0.25231	(14120316)
406925.76	3747808.96	0.28682	(14120316)	406935.54	3747808.94	0.30703	(14120316)
406945.33	3747808.93	0.31050	(14120316)	406955.12	3747808.92	0.29773	(14120316)
406964.90	3747808.91	0.27168	(14120316)	406974.69	3747808.90	0.23666	(14120316)

406984.47 3747808.89 0.19753 (14120316) 406994.26
3747808.88 0.15845 (14120316)
406861.74 3747811.83 0.11151 (15021709) 406854.23
3747804.33 0.11364 (15021709)
406867.05 3747814.02 0.11167 (15021709) 406876.83
3747814.01 0.11779 (14021809)
406886.62 3747814.00 0.13343 (14021809) 406896.40
3747813.99 0.14654 (14120316)
406906.19 3747813.98 0.18889 (14120316) 406915.98
3747813.97 0.22864 (14120316)
406925.76 3747813.96 0.26041 (14120316) 406935.55
3747813.94 0.28003 (14120316)
406945.34 3747813.93 0.28507 (14120316) 406955.12
3747813.92 0.27571 (14120316)
406964.91 3747813.91 0.25415 (14120316) 406974.69
3747813.90 0.22405 (14120316)
406984.48 3747813.89 0.18942 (14120316) 406994.27
3747813.88 0.15408 (14120316)
406859.97 3747816.09 0.10431 (15021709) 406849.96
3747806.09 0.10704 (15021709)
406867.05 3747819.02 0.10351 (15021709) 406876.84
3747819.01 0.11226 (14021809)
406886.62 3747819.00 0.12561 (14021809) 406896.41
3747818.99 0.13575 (14021809)
406906.20 3747818.98 0.17198 (14120316) 406915.98
3747818.97 0.20799 (14120316)
406925.77 3747818.96 0.23734 (14120316) 406935.56
3747818.94 0.25624 (14120316)
406945.34 3747818.93 0.26244 (14120316) 406955.13
3747818.92 0.25583 (14120316)
406964.91 3747818.91 0.23810 (14120316) 406974.70
3747818.90 0.21218 (14120316)
406984.49 3747818.89 0.18157 (14120316) 406994.27
3747818.88 0.14969 (14120316)
406858.21 3747820.36 0.09762 (15021709) 406845.70
3747807.86 0.10090 (15021709)
406867.06 3747824.02 0.09560 (15021709) 406876.84
3747824.01 0.10690 (14021809)
406886.63 3747824.00 0.11828 (14021809) 406896.42
3747823.99 0.12647 (14021809)
406906.20 3747823.98 0.15717 (14120316) 406915.99
3747823.97 0.18994 (14120316)
406925.77 3747823.96 0.21704 (14120316) 406935.56
3747823.94 0.23519 (14120316)
406945.35 3747823.93 0.24223 (14120316) 406955.13
3747823.92 0.23786 (14120316)
406964.92 3747823.91 0.22333 (14120316) 406974.71
3747823.90 0.20104 (14120316)
406984.49 3747823.89 0.17404 (14120316) 406994.28
3747823.88 0.14523 (14120316)
406859.98 3747826.09 0.09078 (15021709) 406852.91
3747823.17 0.09155 (15021709)
406842.90 3747813.17 0.09406 (15021709) 406839.96
3747806.09 0.09579 (15021709)
406867.06 3747829.02 0.09017 (14021809) 406876.85
3747829.01 0.10177 (14021809)
406886.64 3747829.00 0.11141 (14021809) 406896.42
3747828.99 0.11794 (14021809)
406906.21 3747828.98 0.14417 (14120316) 406915.99
3747828.97 0.17404 (14120316)
406925.78 3747828.96 0.19915 (14120316) 406935.57
3747828.94 0.21650 (14120316)
406945.35 3747828.93 0.22411 (14120316) 406955.14
3747828.92 0.22156 (14120316)
406964.92 3747828.91 0.20975 (14120316) 406974.71
3747828.90 0.19063 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406984.50	3747828.89	0.16676	(14120316)	406994.28	3747828.88	0.14080	(14120316)
406858.81	3747830.61	0.08463	(15021709)	406850.55	3747827.19	0.08603	(15021709)
406838.87	3747815.53	0.08884	(15021709)	406835.45	3747807.27	0.09022	(15021709)
406867.07	3747834.02	0.08670	(14021809)	406876.85	3747834.01	0.09682	(14021809)
406886.64	3747834.00	0.10495	(14021809)	406896.43	3747833.99	0.11009	(14021809)
406906.21	3747833.98	0.13266	(14120316)	406916.00	3747833.97	0.16001	(14120316)
406925.79	3747833.96	0.18328	(14120316)	406935.57	3747833.94	0.19982	(14120316)
406945.36	3747833.93	0.20783	(14120316)	406955.14	3747833.92	0.20675	(14120316)
406964.93	3747833.91	0.19722	(14120316)	406974.72	3747833.90	0.18083	(14120316)
406984.50	3747833.89	0.15980	(14120316)	406994.29	3747833.88	0.13637	(14120316)
406860.00	3747836.09	0.07792	(15021709)	406852.92	3747833.17	0.08028	(15021709)
406845.84	3747830.24	0.08101	(15021709)	406835.83	3747820.24	0.08331	(15021709)
406832.90	3747813.17	0.08490	(15021709)	406829.96	3747806.09	0.08471	(15021709)
406867.07	3747839.02	0.08328	(14021809)	406876.86	3747839.01	0.09210	(14021809)
406886.65	3747839.00	0.09890	(14021809)	406896.43	3747838.99	0.10286	(14021809)
406906.22	3747838.98	0.12248	(14120316)	406916.00	3747838.97	0.14753	(14120316)
406925.79	3747838.96	0.16914	(14120316)	406935.58	3747838.94	0.18491	(14120316)
406945.36	3747838.93	0.19314	(14120316)	406955.15	3747838.92	0.19325	(14120316)
406964.94	3747838.91	0.18565	(14120316)	406974.72	3747838.90	0.17166	(14120316)
406984.51	3747838.89	0.15310	(14120316)	406994.29	3747838.88	0.13201	(14120316)
406859.12	3747840.73	0.07439	(14021809)	406851.15	3747837.44	0.07529	(15021709)
406843.19	3747834.15	0.07639	(15021709)	406831.93	3747822.90	0.07888	(15021709)
406828.63	3747814.94	0.08026	(15021709)	406825.33			

3747806.98 0.07956 (15021709)
406867.08 3747844.02 0.07993 (14021809) 406876.87
3747844.01 0.08758 (14021809)
406886.65 3747844.00 0.09323 (14021809) 406896.44
3747843.99 0.09618 (14021809)
406906.22 3747843.98 0.11337 (14120316) 406916.01
3747843.97 0.13643 (14120316)
406925.80 3747843.96 0.15652 (14120316) 406935.58
3747843.94 0.17150 (14120316)
406945.37 3747843.93 0.17986 (14120316) 406955.15
3747843.92 0.18093 (14120316)
406964.94 3747843.91 0.17498 (14120316) 406974.73
3747843.90 0.16304 (14120316)
406984.51 3747843.89 0.14670 (14120316) 406994.30
3747843.88 0.12769 (14120316)
406858.24 3747845.36 0.07132 (14021809) 406849.39
3747841.71 0.07066 (15021709)
406840.54 3747838.05 0.07214 (15021709) 406828.03
3747825.55 0.07479 (15021709)
406824.36 3747816.71 0.07592 (15021709) 406820.70
3747807.86 0.07470 (15021709)
406867.09 3747849.02 0.07667 (14021809) 406876.87
3747849.01 0.08326 (14021809)
406886.66 3747849.00 0.08791 (14021809) 406896.44
3747848.99 0.09002 (14021809)
406906.23 3747848.98 0.10525 (14120316) 406916.02
3747848.97 0.12650 (14120316)
406925.80 3747848.96 0.14518 (14120316) 406935.59
3747848.94 0.15944 (14120316)
406945.37 3747848.93 0.16780 (14120316) 406955.16
3747848.92 0.16965 (14120316)
406964.95 3747848.91 0.16508 (14120316) 406974.73
3747848.90 0.15495 (14120316)
406984.52 3747848.89 0.14055 (14120316) 406994.31
3747848.88 0.12345 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406859.30	3747850.80	0.06959	(14021809)	406851.52	3747847.58	0.06495	(15021709)
406843.73	3747844.37	0.06738	(15021709)	406835.95	3747841.15	0.06830	(15021709)
406824.93	3747830.15	0.07052	(15021709)	406821.71	3747822.37	0.07184	(15021709)
406818.48	3747814.58	0.07150	(15021709)	406815.26	3747806.80	0.06945	(15021709)
406867.09	3747854.02	0.07349	(14021809)	406876.88	3747854.01	0.07916	(14021809)

406886.66 3747854.00 0.08293 (14021809) 406896.45
3747853.99 0.08432 (14021809)
406906.24 3747853.98 0.09794 (14120316) 406916.02
3747853.97 0.11755 (14120316)
406925.81 3747853.96 0.13499 (14120316) 406935.59
3747853.94 0.14852 (14120316)
406945.38 3747853.93 0.15685 (14120316) 406955.17
3747853.92 0.15930 (14120316)
406964.95 3747853.91 0.15591 (14120316) 406974.74
3747853.90 0.14733 (14120316)
406984.52 3747853.89 0.13468 (14120316) 406994.31
3747853.88 0.11931 (14120316)
406858.60 3747855.51 0.06679 (14021809) 406850.11
3747852.00 0.06157 (14021809)
406841.61 3747848.49 0.06354 (15021709) 406833.12
3747844.98 0.06470 (15021709)
406821.11 3747832.98 0.06703 (15021709) 406817.59
3747824.49 0.06819 (15021709)
406814.07 3747816.00 0.06754 (15021709) 406810.55
3747807.51 0.06501 (15021709)
406867.10 3747859.02 0.07041 (14021809) 406876.88
3747859.01 0.07525 (14021809)
406886.67 3747859.00 0.07827 (14021809) 406896.45
3747858.99 0.07906 (14021809)
406906.24 3747858.98 0.09133 (14120316) 406916.03
3747858.97 0.10950 (14120316)
406925.81 3747858.96 0.12576 (14120316) 406935.60
3747858.94 0.13863 (14120316)
406945.39 3747858.93 0.14685 (14120316) 406955.17
3747858.92 0.14979 (14120316)
406964.96 3747858.91 0.14739 (14120316) 406974.74
3747858.90 0.14017 (14120316)
406984.53 3747858.89 0.12906 (14120316) 406994.32
3747858.88 0.11525 (14120316)
406859.43 3747860.85 0.06480 (14021809) 406851.77
3747857.68 0.06088 (14021809)
406844.10 3747854.51 0.05861 (15021709) 406836.43
3747851.34 0.06064 (15021709)
406828.76 3747848.18 0.06143 (15021709) 406817.92
3747837.34 0.06344 (15021709)
406814.74 3747829.68 0.06467 (15021709) 406811.56
3747822.01 0.06456 (15021709)
406808.38 3747814.35 0.06304 (15021709) 406805.21
3747806.68 0.06212 (13121916)
406867.10 3747864.02 0.06744 (14021809) 406876.89
3747864.01 0.07154 (14021809)
406886.67 3747864.00 0.07390 (14021809) 406896.46
3747863.99 0.07419 (14021809)
406906.25 3747863.98 0.08536 (14120316) 406916.03
3747863.97 0.10220 (14120316)
406925.82 3747863.96 0.11742 (14120316) 406935.60
3747863.94 0.12962 (14120316)
406945.39 3747863.93 0.13770 (14120316) 406955.18
3747863.92 0.14102 (14120316)
406964.96 3747863.91 0.13946 (14120316) 406974.75
3747863.90 0.13342 (14120316)
406984.54 3747863.89 0.12369 (14120316) 406994.32
3747863.88 0.11131 (14120316)
406858.85 3747865.61 0.06221 (14021809) 406850.59
3747862.19 0.05844 (14021809)
406842.33 3747858.78 0.05513 (15021709) 406834.08
3747855.37 0.05740 (15021709)
406825.82 3747851.96 0.05836 (15021709) 406814.14
3747840.29 0.06044 (15021709)
406810.72 3747832.04 0.06156 (15021709) 406807.29
3747823.78 0.06124 (15021709)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406886.68	3747869.00	0.06981	(14021809)	406896.47	3747868.99	0.06967	(14021809)
406906.25	3747868.98	0.07992	(14120316)	406916.04	3747868.97	0.09558	(14120316)
406925.82	3747868.96	0.10982	(14120316)	406935.61	3747868.94	0.12142	(14120316)
406945.40	3747868.93	0.12932	(14120316)	406955.18	3747868.92	0.13293	(14120316)
406964.97	3747868.91	0.13208	(14120316)	406974.75	3747868.90	0.12708	(14120316)
406984.54	3747868.89	0.11857	(14120316)	406994.33	3747868.88	0.10747	(14120316)
406858.26	3747870.36	0.05974	(14021809)	406849.42	3747866.71	0.05613	(14021809)
406840.57	3747863.05	0.05189	(15021709)	406831.72	3747859.39	0.05439	(15021709)
406822.87	3747855.74	0.05550	(15021709)	406810.36	3747843.24	0.05764	(15021709)
406806.69	3747834.39	0.05866	(15021709)	406803.03	3747825.55	0.05814	(15021709)
406799.36	3747816.71	0.05602	(15021709)	406795.70	3747807.86	0.05875	(13121916)
406867.11	3747874.02	0.06181	(14021809)	406876.90	3747874.01	0.06468	(14021809)
406886.68	3747874.00	0.06598	(14021809)	406896.47	3747873.99	0.06549	(14021809)
406906.26	3747873.98	0.07499	(14120316)	406916.04	3747873.97	0.08955	(14120316)
406925.83	3747873.96	0.10291	(14120316)	406935.62	3747873.94	0.11392	(14120316)
406945.40	3747873.93	0.12162	(14120316)	406955.19	3747873.92	0.12545	(14120316)
406964.97	3747873.91	0.12520	(14120316)	406974.76	3747873.90	0.12109	(14120316)
406984.55	3747873.89	0.11368	(14120316)	406994.33	3747873.88	0.10375	(14120316)
406859.03	3747875.68	0.05774	(14021809)	406850.94	3747872.33	0.05508	(14021809)
406842.85	3747868.99	0.05135	(14021809)	406834.76	3747865.65	0.05021	(15021709)
406826.67	3747862.31	0.05209	(15021709)	406818.58			

3747858.96	0.05290	(15021709)			
406807.14	3747847.53	0.05478	(15021709)	406803.79	
3747839.45	0.05584	(15021709)			
406800.44	3747831.36	0.05574	(15021709)	406797.09	
3747823.28	0.05440	(15021709)			
406793.73	3747815.19	0.05186	(15021709)	406790.38	
3747807.11	0.05870	(13121916)			
406867.12	3747879.02	0.05915	(14021809)	406876.90	
3747879.01	0.06152	(14021809)			
406886.69	3747879.00	0.06239	(14021809)	406896.48	
3747878.99	0.06161	(14021809)			
406906.26	3747878.98	0.07047	(14120316)	406916.05	
3747878.97	0.08406	(14120316)			
406925.83	3747878.96	0.09658	(14120316)	406935.62	
3747878.94	0.10704	(14120316)			
406945.41	3747878.93	0.11454	(14120316)	406955.19	
3747878.92	0.11852	(14120316)			
406964.98	3747878.91	0.11878	(14120316)	406974.77	
3747878.90	0.11546	(14120316)			
406984.55	3747878.89	0.10902	(14120316)	406994.34	
3747878.88	0.10013	(14120316)			
406858.53	3747880.47	0.05545	(14021809)	406849.93	
3747876.92	0.05296	(14021809)			
406841.34	3747873.36	0.04934	(14021809)	406824.15	
3747866.26	0.04952	(15021709)			
406815.55	3747862.71	0.05044	(15021709)	406803.40	
3747850.57	0.05235	(15021709)			
406799.84	3747841.98	0.05334	(15021709)	406796.28	
3747833.38	0.05310	(15021709)			
406792.71	3747824.79	0.05156	(15021709)	406789.15	
3747816.20	0.04879	(15021709)			
406785.59	3747807.61	0.05717	(13121916)	406867.12	
3747884.02	0.05661	(14021809)			
406876.91	3747884.01	0.05852	(14021809)	406886.70	
3747884.00	0.05903	(14021809)			
406896.48	3747883.99	0.05801	(14021809)	406906.27	
3747883.98	0.06634	(14120316)			
406916.05	3747883.97	0.07902	(14120316)	406925.84	
3747883.96	0.09080	(14120316)			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406935.63	3747883.94	0.10073	(14120316)	406945.41			
3747883.93	0.10800	(14120316)					
406955.20	3747883.92	0.11210	(14120316)	406964.99			
3747883.91	0.11278	(14120316)					
406974.77	3747883.90	0.11015	(14120316)	406984.56			
3747883.89	0.10457	(14120316)					

406994.34 3747883.88 0.09664 (14120316) 406859.17
3747885.73 0.05346 (14021809)
406851.20 3747882.44 0.05166 (14021809) 406843.24
3747879.15 0.04889 (14021809)
406835.28 3747875.86 0.04531 (14021809) 406827.31
3747872.57 0.04588 (15021709)
406819.35 3747869.28 0.04748 (15021709) 406811.39
3747865.99 0.04818 (15021709)
406800.13 3747854.74 0.04988 (15021709) 406796.83
3747846.78 0.05088 (15021709)
406793.53 3747838.82 0.05091 (15021709) 406790.23
3747830.86 0.04992 (15021709)
406786.93 3747822.90 0.04792 (15021709) 406783.63
3747814.94 0.04867 (13121916)
406780.33 3747806.98 0.05683 (13121916) 406867.13
3747889.02 0.05417 (14021809)
406876.92 3747889.01 0.05568 (14021809) 406886.70
3747889.00 0.05588 (14021809)
406896.49 3747888.99 0.05466 (14021809) 406906.27
3747888.98 0.06255 (14120316)
406916.06 3747888.97 0.07442 (14120316) 406925.85
3747888.96 0.08549 (14120316)
406935.63 3747888.94 0.09492 (14120316) 406945.42
3747888.93 0.10197 (14120316)
406955.20 3747888.92 0.10614 (14120316) 406964.99
3747888.91 0.10718 (14120316)
406974.78 3747888.90 0.10514 (14120316) 406984.56
3747888.89 0.10034 (14120316)
406994.35 3747888.88 0.09326 (14120316) 406858.73
3747890.55 0.05134 (14021809)
406850.32 3747887.07 0.04972 (14021809) 406833.51
3747880.13 0.04355 (14021809)
406825.11 3747876.65 0.04355 (15021709) 406816.70
3747873.18 0.04525 (15021709)
406808.30 3747869.71 0.04604 (15021709) 406796.41
3747857.83 0.04776 (15021709)
406792.93 3747849.43 0.04870 (15021709) 406789.44
3747841.03 0.04863 (15021709)
406785.96 3747832.63 0.04750 (15021709) 406782.48
3747824.22 0.04534 (15021709)
406779.00 3747815.82 0.04726 (13121916) 406775.51
3747807.42 0.05539 (13121916)
406867.13 3747894.02 0.05183 (14021809) 406876.92
3747894.01 0.05300 (14021809)
406886.71 3747894.00 0.05293 (14021809) 406896.49
3747893.99 0.05174 (13121116)
406906.28 3747893.98 0.05906 (14120316) 406916.07
3747893.97 0.07018 (14120316)
406925.85 3747893.96 0.08060 (14120316) 406935.64
3747893.94 0.08957 (14120316)
406945.42 3747893.93 0.09639 (14120316) 406955.21
3747893.92 0.10060 (14120316)
406965.00 3747893.91 0.10194 (14120316) 406974.78
3747893.90 0.10042 (14120316)
406984.57 3747893.89 0.09629 (14120316) 406994.35
3747893.88 0.09000 (14120316)
406858.29 3747895.36 0.04933 (14021809) 406849.44
3747891.71 0.04787 (14021809)
406840.60 3747888.05 0.04534 (14021809) 406831.75
3747884.39 0.04190 (14021809)
406822.90 3747880.74 0.04137 (15021709) 406814.05
3747877.08 0.04317 (15021709)
406805.21 3747873.43 0.04403 (15021709) 406792.69
3747860.93 0.04577 (15021709)
406789.03 3747852.08 0.04666 (15021709) 406785.36
3747843.24 0.04649 (15021709)

406781.69 3747834.39 0.04523 (15021709) 406778.03
3747825.55 0.04292 (15021709)
406774.36 3747816.71 0.04591 (13121916) 406770.70
3747807.86 0.05399 (13121916)
406867.14 3747899.02 0.04960 (14021809) 406876.93
3747899.01 0.05046 (14021809)
406886.71 3747899.00 0.05016 (14021809) 406896.50
3747898.99 0.04912 (13121116)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

406906.28 3747898.98 0.05584 (14120316) 406916.07
3747898.97 0.06627 (14120316)
406925.86 3747898.96 0.07610 (14120316) 406935.64
3747898.94 0.08462 (14120316)
406945.43 3747898.93 0.09122 (14120316) 406955.22
3747898.92 0.09544 (14120316)
406965.00 3747898.91 0.09702 (14120316) 406974.79
3747898.90 0.09596 (14120316)
406984.57 3747898.89 0.09245 (14120316) 406994.36
3747898.88 0.08685 (14120316)
406867.03 3747799.02 0.13666 (15021709) 406994.25
3747798.88 0.16678 (14120316)
406994.38 3747671.80 0.14128 (15122816) 406867.03
3747671.67 0.15491 (13112916)

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

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

ALL 1ST HIGHEST VALUE IS 0.01202 AT (406935.54, 3747803.94, 29.00,

29.00,   0.00) DC
          2ND HIGHEST VALUE IS   0.01200 AT (406945.32, 3747803.93,   29.00,
          29.00,   0.00) DC
          3RD HIGHEST VALUE IS   0.01155 AT (406925.75, 3747803.96,   29.00,
          29.00,   0.00) DC
          4TH HIGHEST VALUE IS   0.01152 AT (406955.11, 3747803.92,   29.00,
          29.00,   0.00) DC
          5TH HIGHEST VALUE IS   0.01075 AT (406999.30, 3747750.01,   29.00,
          29.00,   0.00) DC
          6TH HIGHEST VALUE IS   0.01069 AT (406964.90, 3747803.91,   29.00,
          29.00,   0.00) DC
          7TH HIGHEST VALUE IS   0.01061 AT (406915.97, 3747803.97,   29.00,
          29.00,   0.00) DC
          8TH HIGHEST VALUE IS   0.01060 AT (406945.33, 3747808.93,   29.00,
          29.00,   0.00) DC
          9TH HIGHEST VALUE IS   0.01055 AT (406999.31, 3747740.23,   29.00,
          29.00,   0.00) DC
         10TH HIGHEST VALUE IS   0.01055 AT (406935.54, 3747808.94,   29.00,
         29.00,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***   06/27/23
 *** AERMET - VERSION 16216 ***
 ***   ***   15:58:07

                     PAGE 72
 *** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

                                  ** CONC OF DPM   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   0.33919 ON 14120316: AT (406945.32, 3747803.93,
29.00,   29.00,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons ***   06/27/23
 *** AERMET - VERSION 16216 ***
 ***   ***   15:58:07

                     PAGE 73
 *** MODELOPTs: NonDFAULT CONC FLAT 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         2285 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of         1588 Calm Hours Identified

A Total of          697 Missing Hours Identified (  1.59 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186    1790       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1790       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 6/27/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons 5ac\14635 Cons
5ac.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT CONC FLAT
   AVERTIME 1 PERIOD
   URBANOPT 3010232 Orange_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 Cons 5ac.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     406930.700  3747735.370          0.0
** Source Parameters **
   SRCPARAM VOL1         0.0006154511     5.000    33.081     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
```

```
**
RE STARTING
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 10.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 100.00
** Tier 1: Tier Spacing = 5.00
** ----------
   DISCCART    407006.74   3747806.43
   DISCCART    407006.75   3747796.96
   DISCCART    407006.76   3747787.48
   DISCCART    407006.77   3747778.01
   DISCCART    407006.77   3747768.53
   DISCCART    407006.78   3747759.05
   DISCCART    407006.79   3747749.58
   DISCCART    407006.80   3747740.10
   DISCCART    407006.81   3747730.63
   DISCCART    407006.82   3747721.15
   DISCCART    407006.83   3747711.67
   DISCCART    407006.84   3747702.20
   DISCCART    407006.84   3747692.72
   DISCCART    407006.85   3747683.25
   DISCCART    407006.86   3747673.77
   DISCCART    407006.87   3747664.29
   DISCCART    407011.74   3747806.44
   DISCCART    407011.75   3747796.96
   DISCCART    407011.76   3747787.49
   DISCCART    407011.77   3747778.01
   DISCCART    407011.77   3747768.54
   DISCCART    407011.78   3747759.06
   DISCCART    407011.79   3747749.58
   DISCCART    407011.80   3747740.11
   DISCCART    407011.81   3747730.63
   DISCCART    407011.82   3747721.16
   DISCCART    407011.83   3747711.68
   DISCCART    407011.84   3747702.20
   DISCCART    407011.84   3747692.73
   DISCCART    407011.85   3747683.25
   DISCCART    407011.86   3747673.78
   DISCCART    407011.87   3747664.30
   DISCCART    407014.54   3747811.74
   DISCCART    407007.05   3747819.23
   DISCCART    407016.74   3747806.44
   DISCCART    407016.75   3747796.97
   DISCCART    407016.76   3747787.49
   DISCCART    407016.77   3747778.02
   DISCCART    407016.77   3747768.54
   DISCCART    407016.78   3747759.06
   DISCCART    407016.79   3747749.59
   DISCCART    407016.80   3747740.11
   DISCCART    407016.81   3747730.64
   DISCCART    407016.82   3747721.16
   DISCCART    407016.83   3747711.68
   DISCCART    407016.84   3747702.21
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DISCCART	406925.88	3747836.50
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DISCCART	406944.85	3747836.49
DISCCART	406954.34	3747836.48
DISCCART	406963.83	3747836.47
DISCCART	406973.31	3747836.46
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DISCCART	406925.89	3747841.50
DISCCART	406935.37	3747841.50
DISCCART	406944.86	3747841.49
DISCCART	406954.34	3747841.48
DISCCART	406963.83	3747841.47
DISCCART	406973.32	3747841.46
DISCCART	406982.80	3747841.45
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DISCCART	406828.24	3747827.77
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DISCCART	406822.38	3747813.61
DISCCART	406859.49	3747846.57
DISCCART	406868.98	3747846.56
DISCCART	406878.46	3747846.55
DISCCART	406887.95	3747846.54
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DISCCART	406916.41	3747846.51
DISCCART	406925.89	3747846.50
DISCCART	406935.38	3747846.50
DISCCART	406944.86	3747846.49
DISCCART	406954.35	3747846.48
DISCCART	406963.84	3747846.47
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DISCCART	406982.81	3747846.45
DISCCART	406992.29	3747846.44
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DISCCART	406835.60	3747841.68
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DISCCART	406821.04	3747822.46
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DISCCART	406868.98	3747851.56
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DISCCART	406973.33	3747856.46
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DISCCART	406887.98	3747876.54
DISCCART	406897.46	3747876.53
DISCCART	406906.95	3747876.52
DISCCART	406916.43	3747876.51
DISCCART	406925.92	3747876.50
DISCCART	406935.41	3747876.50
DISCCART	406944.89	3747876.49
DISCCART	406954.38	3747876.48
DISCCART	406963.86	3747876.47
DISCCART	406973.35	3747876.46
DISCCART	406982.84	3747876.45
DISCCART	406992.32	3747876.44

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DISCCART	406836.76	3747872.16
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DISCCART	406803.28	3747852.02
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DISCCART	406906.95	3747881.52
DISCCART	406916.44	3747881.51
DISCCART	406925.93	3747881.50
DISCCART	406935.41	3747881.50
DISCCART	406944.90	3747881.49
DISCCART	406954.38	3747881.48
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DISCCART	406973.36	3747881.46
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DISCCART	406944.90	3747886.49
DISCCART	406954.39	3747886.48
DISCCART	406963.87	3747886.47
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DISCCART	406788.68	3747840.88
DISCCART	406785.12	3747832.28

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DISCCART	406887.99	3747891.54
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DISCCART	406916.45	3747891.51
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DISCCART	406935.42	3747891.50
DISCCART	406944.91	3747891.49
DISCCART	406954.39	3747891.48
DISCCART	406963.88	3747891.47
DISCCART	406973.37	3747891.46
DISCCART	406982.85	3747891.45
DISCCART	406992.34	3747891.44
DISCCART	407001.82	3747891.43
DISCCART	406851.57	3747893.27
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DISCCART	406827.67	3747883.39
DISCCART	406819.71	3747880.09
DISCCART	406811.74	3747876.80
DISCCART	406803.78	3747873.50
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DISCCART	406782.63	3747838.35
DISCCART	406779.34	3747830.38
DISCCART	406776.04	3747822.41
DISCCART	406772.75	3747814.45
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DISCCART	406869.02	3747896.56
DISCCART	406878.51	3747896.55
DISCCART	406888.00	3747896.54
DISCCART	406897.48	3747896.53
DISCCART	406906.97	3747896.52
DISCCART	406916.45	3747896.51
DISCCART	406925.94	3747896.50
DISCCART	406935.43	3747896.50
DISCCART	406944.91	3747896.49
DISCCART	406954.40	3747896.48
DISCCART	406963.88	3747896.47
DISCCART	406973.37	3747896.46
DISCCART	406982.86	3747896.45
DISCCART	406992.34	3747896.44
DISCCART	407001.83	3747896.43
DISCCART	406851.13	3747898.09
DISCCART	406842.73	3747894.61
DISCCART	406834.32	3747891.14
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DISCCART	406800.68	3747877.22
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DISCCART	406785.32	3747856.93
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DISCCART	406774.88	3747831.70
DISCCART	406771.41	3747823.29
DISCCART	406767.93	3747814.89
DISCCART	406859.54	3747901.57
DISCCART	406869.03	3747901.56
DISCCART	406878.52	3747901.55
DISCCART	406888.00	3747901.54

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   DISCCART    406906.97   3747901.52
   DISCCART    406916.46   3747901.51
   DISCCART    406925.95   3747901.50
   DISCCART    406935.43   3747901.50
   DISCCART    406944.92   3747901.49
   DISCCART    406954.40   3747901.48
   DISCCART    406963.89   3747901.47
   DISCCART    406973.38   3747901.46
   DISCCART    406982.86   3747901.45
   DISCCART    406992.35   3747901.44
   DISCCART    407001.83   3747901.43
   DISCCART    406851.68   3747903.32
   DISCCART    406843.81   3747900.06
   DISCCART    406835.95   3747896.81
   DISCCART    406828.08   3747893.55
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   DISCCART    406812.34   3747887.04
   DISCCART    406804.47   3747883.79
   DISCCART    406796.61   3747880.54
   DISCCART    406785.48   3747869.41
   DISCCART    406782.23   3747861.55
   DISCCART    406778.98   3747853.68
   DISCCART    406775.72   3747845.81
   DISCCART    406772.47   3747837.94
   DISCCART    406769.21   3747830.07
   DISCCART    406765.96   3747822.21
   DISCCART    406762.70   3747814.34
   DISCCART    406859.55   3747906.57
   DISCCART    406869.03   3747906.56
   DISCCART    406878.52   3747906.55
   DISCCART    406888.01   3747906.54
   DISCCART    406897.49   3747906.53
   DISCCART    406906.98   3747906.52
   DISCCART    406916.46   3747906.51
   DISCCART    406925.95   3747906.50
   DISCCART    406935.44   3747906.50
   DISCCART    406944.92   3747906.49
   DISCCART    406954.41   3747906.48
   DISCCART    406963.89   3747906.47
   DISCCART    406973.38   3747906.46
   DISCCART    406982.87   3747906.45
   DISCCART    406992.35   3747906.44
   DISCCART    407001.84   3747906.43
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
   DISCCART    406859.45   3747806.57
   DISCCART    407001.74   3747806.43
   DISCCART    407001.87   3747664.29
   DISCCART    406859.59   3747664.15
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_v9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_v9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
```

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**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "14635 CONS 5AC.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "14635 CONS 5AC.AD\PE00GALL.PLT" 32
   SUMMFILE "14635 Cons 5ac.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    1978       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1978       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:20:29

                      PAGE   1
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Assumes Receptors on FLAT Terrain.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for     1 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

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     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

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

 **This Run Includes:      1 Source(s);       1 Source Group(s); and    1887 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:      1 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:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD 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) =    29.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 Cons
 5ac.err
 **File for Summary of Results:   14635 Cons
 5ac.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       16:20:29

                     PAGE   2
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
```

```
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -

 VOL1             0   0.61545E-03  406930.7 3747735.4    29.0     5.00    33.08     1.40
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:20:29

                     PAGE   3
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

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


  ALL        VOL1        ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:20:29

                     PAGE   4
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*


                                      *** SOURCE IDs DEFINED AS URBAN SOURCES ***

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


              3010232.   VOL1        ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:20:29

                     PAGE   5
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL1         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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

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

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*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

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(407066.8, 3747711.7, 29.0, 29.0, 0.0); (407066.8,
3747702.2, 29.0, 29.0, 0.0);
(407066.8, 3747692.8, 29.0, 29.0, 0.0); (407066.8,
3747683.3, 29.0, 29.0, 0.0);
(407066.9, 3747673.8, 29.0, 29.0, 0.0); (407066.9,
3747664.3, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407068.3, 3747814.7, 29.0, 29.0, 0.0); (407064.9, 3747823.0, 29.0, 29.0, 0.0);
(407061.5, 3747831.2, 29.0, 29.0, 0.0); (407058.1, 3747839.4, 29.0, 29.0, 0.0);
(407054.7, 3747847.7, 29.0, 29.0, 0.0); (407043.0, 3747859.3, 29.0, 29.0, 0.0);
(407034.8, 3747862.8, 29.0, 29.0, 0.0); (407026.5, 3747866.2, 29.0, 29.0, 0.0);
(407018.3, 3747869.6, 29.0, 29.0, 0.0); (407010.0, 3747873.0, 29.0, 29.0, 0.0);
(407071.7, 3747806.5, 29.0, 29.0, 0.0); (407071.8, 3747797.0, 29.0, 29.0, 0.0);
(407071.8, 3747787.5, 29.0, 29.0, 0.0); (407071.8, 3747778.1, 29.0, 29.0, 0.0);
(407071.8, 3747768.6, 29.0, 29.0, 0.0); (407071.8, 3747759.1, 29.0, 29.0, 0.0);
(407071.8, 3747749.6, 29.0, 29.0, 0.0); (407071.8, 3747740.2, 29.0, 29.0, 0.0);
(407071.8, 3747730.7, 29.0, 29.0, 0.0); (407071.8, 3747721.2, 29.0, 29.0, 0.0);
(407071.8, 3747711.7, 29.0, 29.0, 0.0); (407071.8, 3747702.3, 29.0, 29.0, 0.0);
(407071.8, 3747692.8, 29.0, 29.0, 0.0); (407071.8, 3747683.3, 29.0, 29.0, 0.0);
(407071.9, 3747673.8, 29.0, 29.0, 0.0); (407071.9, 3747664.3, 29.0, 29.0, 0.0);
(407073.6, 3747814.1, 29.0, 29.0, 0.0); (407070.5, 3747821.6, 29.0, 29.0, 0.0);
(407067.3, 3747829.2, 29.0, 29.0, 0.0); (407064.2, 3747836.8, 29.0, 29.0, 0.0);
(407061.0, 3747844.3, 29.0, 29.0, 0.0); (407057.9, 3747851.9, 29.0, 29.0, 0.0);
(407047.2, 3747862.6, 29.0, 29.0, 0.0); (407039.6, 3747865.7, 29.0, 29.0, 0.0);
(407032.1, 3747868.9, 29.0, 29.0, 0.0); (407024.5, 3747872.0, 29.0, 29.0, 0.0);
(407017.0, 3747875.1, 29.0, 29.0, 0.0); (407009.4, 3747878.3, 29.0, 29.0, 0.0);
(407076.7, 3747806.5, 29.0, 29.0, 0.0); (407076.8, 3747797.0, 29.0, 29.0, 0.0);
(407076.8, 3747787.5, 29.0, 29.0, 0.0); (407076.8, 3747778.1, 29.0, 29.0, 0.0);
(407076.8, 3747768.6, 29.0, 29.0, 0.0); (407076.8, 3747759.1, 29.0, 29.0, 0.0);
(407076.8, 3747749.6, 29.0, 29.0, 0.0); (407076.8, 3747740.2, 29.0, 29.0, 0.0);
(407076.8, 3747730.7, 29.0, 29.0, 0.0); (407076.8, 3747721.2, 29.0, 29.0, 0.0);
(407076.8, 3747711.7, 29.0, 29.0, 0.0); (407076.8, 3747702.3, 29.0, 29.0, 0.0);
(407076.8, 3747692.8, 29.0, 29.0, 0.0); (407076.8, 3747683.3, 29.0, 29.0, 0.0);
(407076.9, 3747673.8, 29.0, 29.0, 0.0); (407076.9, 3747664.4, 29.0, 29.0, 0.0);
(407078.4, 3747814.6, 29.0, 29.0, 0.0); (407075.0, 3747822.6, 29.0, 29.0, 0.0);
(407071.7, 3747830.7, 29.0, 29.0, 0.0); (407068.3, 3747838.8, 29.0, 29.0, 0.0);
(407065.0, 3747846.9, 29.0, 29.0, 0.0); (407061.7, 3747854.9, 29.0, 29.0, 0.0);
(407050.2, 3747866.3, 29.0, 29.0, 0.0); (407042.2, 3747869.7, 29.0, 29.0, 0.0);
(407026.0, 3747876.4, 29.0, 29.0, 0.0); (407018.0, 3747879.7, 29.0, 29.0, 0.0);
(407009.9, 3747883.1, 29.0, 29.0, 0.0); (407081.7, 3747806.5, 29.0, 29.0, 0.0);

(407081.8, 3747797.0, 29.0, 29.0, 0.0); (407081.8,
3747787.5, 29.0, 29.0, 0.0);
(407081.8, 3747778.1, 29.0, 29.0, 0.0); (407081.8,
3747768.6, 29.0, 29.0, 0.0);
(407081.8, 3747759.1, 29.0, 29.0, 0.0); (407081.8,
3747749.6, 29.0, 29.0, 0.0);
(407081.8, 3747740.2, 29.0, 29.0, 0.0); (407081.8,
3747730.7, 29.0, 29.0, 0.0);
(407081.8, 3747721.2, 29.0, 29.0, 0.0); (407081.8,
3747711.7, 29.0, 29.0, 0.0);
(407081.8, 3747702.3, 29.0, 29.0, 0.0); (407081.8,
3747692.8, 29.0, 29.0, 0.0);
(407081.8, 3747683.3, 29.0, 29.0, 0.0); (407081.9,
3747673.8, 29.0, 29.0, 0.0);
(407081.9, 3747664.4, 29.0, 29.0, 0.0); (407083.2,
3747815.1, 29.0, 29.0, 0.0);
(407079.6, 3747823.7, 29.0, 29.0, 0.0); (407076.1,
3747832.2, 29.0, 29.0, 0.0);
(407072.5, 3747840.8, 29.0, 29.0, 0.0); (407069.0,
3747849.4, 29.0, 29.0, 0.0);
(407065.4, 3747858.0, 29.0, 29.0, 0.0); (407053.3,
3747870.1, 29.0, 29.0, 0.0);
(407044.7, 3747873.6, 29.0, 29.0, 0.0); (407036.1,
3747877.2, 29.0, 29.0, 0.0);

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

(407027.5, 3747880.8, 29.0, 29.0, 0.0); (407019.0,
3747884.3, 29.0, 29.0, 0.0);
(407010.4, 3747887.9, 29.0, 29.0, 0.0); (407086.7,
3747806.5, 29.0, 29.0, 0.0);
(407086.8, 3747797.0, 29.0, 29.0, 0.0); (407086.8,
3747787.6, 29.0, 29.0, 0.0);
(407086.8, 3747778.1, 29.0, 29.0, 0.0); (407086.8,
3747768.6, 29.0, 29.0, 0.0);
(407086.8, 3747759.1, 29.0, 29.0, 0.0); (407086.8,
3747749.6, 29.0, 29.0, 0.0);
(407086.8, 3747740.2, 29.0, 29.0, 0.0); (407086.8,
3747730.7, 29.0, 29.0, 0.0);
(407086.8, 3747721.2, 29.0, 29.0, 0.0); (407086.8,
3747711.8, 29.0, 29.0, 0.0);
(407086.8, 3747702.3, 29.0, 29.0, 0.0); (407086.8,
3747692.8, 29.0, 29.0, 0.0);
(407086.8, 3747683.3, 29.0, 29.0, 0.0); (407086.9,
3747673.8, 29.0, 29.0, 0.0);
(407086.9, 3747664.4, 29.0, 29.0, 0.0); (407088.5,
3747814.5, 29.0, 29.0, 0.0);
(407085.1, 3747822.4, 29.0, 29.0, 0.0); (407081.9,
3747830.3, 29.0, 29.0, 0.0);
(407078.6, 3747838.3, 29.0, 29.0, 0.0); (407075.3,
3747846.2, 29.0, 29.0, 0.0);
(407072.0, 3747854.2, 29.0, 29.0, 0.0); (407068.7,
3747862.1, 29.0, 29.0, 0.0);
(407057.4, 3747873.4, 29.0, 29.0, 0.0); (407049.5,
3747876.7, 29.0, 29.0, 0.0);
(407041.5, 3747879.9, 29.0, 29.0, 0.0); (407033.6,
3747883.2, 29.0, 29.0, 0.0);

(407025.7, 3747886.5, 29.0, 29.0, 0.0); (407017.7,
3747889.8, 29.0, 29.0, 0.0);
(407009.8, 3747893.1, 29.0, 29.0, 0.0); (407091.7,
3747806.5, 29.0, 29.0, 0.0);
(407091.8, 3747797.0, 29.0, 29.0, 0.0); (407091.8,
3747787.6, 29.0, 29.0, 0.0);
(407091.8, 3747778.1, 29.0, 29.0, 0.0); (407091.8,
3747768.6, 29.0, 29.0, 0.0);
(407091.8, 3747759.1, 29.0, 29.0, 0.0); (407091.8,
3747749.7, 29.0, 29.0, 0.0);
(407091.8, 3747740.2, 29.0, 29.0, 0.0); (407091.8,
3747730.7, 29.0, 29.0, 0.0);
(407091.8, 3747721.2, 29.0, 29.0, 0.0); (407091.8,
3747711.8, 29.0, 29.0, 0.0);
(407091.8, 3747702.3, 29.0, 29.0, 0.0); (407091.8,
3747692.8, 29.0, 29.0, 0.0);
(407091.8, 3747683.3, 29.0, 29.0, 0.0); (407091.9,
3747673.8, 29.0, 29.0, 0.0);
(407091.9, 3747664.4, 29.0, 29.0, 0.0); (407093.3,
3747814.9, 29.0, 29.0, 0.0);
(407089.8, 3747823.3, 29.0, 29.0, 0.0); (407086.3,
3747831.7, 29.0, 29.0, 0.0);
(407082.8, 3747840.1, 29.0, 29.0, 0.0); (407079.3,
3747848.4, 29.0, 29.0, 0.0);
(407075.9, 3747856.8, 29.0, 29.0, 0.0); (407072.4,
3747865.2, 29.0, 29.0, 0.0);
(407060.5, 3747877.1, 29.0, 29.0, 0.0); (407052.1,
3747880.6, 29.0, 29.0, 0.0);
(407043.8, 3747884.0, 29.0, 29.0, 0.0); (407035.4,
3747887.5, 29.0, 29.0, 0.0);
(407027.0, 3747891.0, 29.0, 29.0, 0.0); (407018.6,
3747894.5, 29.0, 29.0, 0.0);
(407010.2, 3747897.9, 29.0, 29.0, 0.0); (407096.7,
3747806.5, 29.0, 29.0, 0.0);
(407096.8, 3747797.0, 29.0, 29.0, 0.0); (407096.8,
3747787.6, 29.0, 29.0, 0.0);
(407096.8, 3747778.1, 29.0, 29.0, 0.0); (407096.8,
3747768.6, 29.0, 29.0, 0.0);
(407096.8, 3747759.1, 29.0, 29.0, 0.0); (407096.8,
3747749.7, 29.0, 29.0, 0.0);
(407096.8, 3747740.2, 29.0, 29.0, 0.0); (407096.8,
3747730.7, 29.0, 29.0, 0.0);
(407096.8, 3747721.2, 29.0, 29.0, 0.0); (407096.8,
3747711.8, 29.0, 29.0, 0.0);
(407096.8, 3747702.3, 29.0, 29.0, 0.0); (407096.8,
3747692.8, 29.0, 29.0, 0.0);
(407096.8, 3747683.3, 29.0, 29.0, 0.0); (407096.9,
3747673.8, 29.0, 29.0, 0.0);
(407096.9, 3747664.4, 29.0, 29.0, 0.0); (407098.5,
3747814.4, 29.0, 29.0, 0.0);
(407095.2, 3747822.2, 29.0, 29.0, 0.0); (407092.0,
3747830.1, 29.0, 29.0, 0.0);
(407088.7, 3747837.9, 29.0, 29.0, 0.0); (407085.5,
3747845.8, 29.0, 29.0, 0.0);
(407082.2, 3747853.6, 29.0, 29.0, 0.0); (407079.0,
3747861.4, 29.0, 29.0, 0.0);
(407075.7, 3747869.3, 29.0, 29.0, 0.0); (407064.6,
3747880.4, 29.0, 29.0, 0.0);
(407056.8, 3747883.6, 29.0, 29.0, 0.0); (407048.9,
3747886.9, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407041.1, 3747890.2, 29.0, 29.0, 0.0); (407033.2,
3747893.4, 29.0, 29.0, 0.0);
(407025.4, 3747896.7, 29.0, 29.0, 0.0); (407017.5,
3747899.9, 29.0, 29.0, 0.0);
(407009.7, 3747903.2, 29.0, 29.0, 0.0); (407101.7,
3747806.5, 29.0, 29.0, 0.0);
(407101.8, 3747797.0, 29.0, 29.0, 0.0); (407101.8,
3747787.6, 29.0, 29.0, 0.0);
(407101.8, 3747778.1, 29.0, 29.0, 0.0); (407101.8,
3747768.6, 29.0, 29.0, 0.0);
(407101.8, 3747759.1, 29.0, 29.0, 0.0); (407101.8,
3747749.7, 29.0, 29.0, 0.0);
(407101.8, 3747740.2, 29.0, 29.0, 0.0); (407101.8,
3747730.7, 29.0, 29.0, 0.0);
(407101.8, 3747721.2, 29.0, 29.0, 0.0); (407101.8,
3747711.8, 29.0, 29.0, 0.0);
(407101.8, 3747702.3, 29.0, 29.0, 0.0); (407101.8,
3747692.8, 29.0, 29.0, 0.0);
(407101.8, 3747683.3, 29.0, 29.0, 0.0); (407101.9,
3747673.9, 29.0, 29.0, 0.0);
(407101.9, 3747664.4, 29.0, 29.0, 0.0); (407001.9,
3747659.3, 29.0, 29.0, 0.0);
(406992.4, 3747659.3, 29.0, 29.0, 0.0); (406982.9,
3747659.3, 29.0, 29.0, 0.0);
(406973.4, 3747659.3, 29.0, 29.0, 0.0); (406963.9,
3747659.2, 29.0, 29.0, 0.0);
(406954.5, 3747659.2, 29.0, 29.0, 0.0); (406945.0,
3747659.2, 29.0, 29.0, 0.0);
(406935.5, 3747659.2, 29.0, 29.0, 0.0); (406926.0,
3747659.2, 29.0, 29.0, 0.0);
(406916.5, 3747659.2, 29.0, 29.0, 0.0); (406907.0,
3747659.2, 29.0, 29.0, 0.0);
(406897.5, 3747659.2, 29.0, 29.0, 0.0); (406888.0,
3747659.2, 29.0, 29.0, 0.0);
(406878.6, 3747659.2, 29.0, 29.0, 0.0); (406869.1,
3747659.2, 29.0, 29.0, 0.0);
(406859.6, 3747659.1, 29.0, 29.0, 0.0); (407001.9,
3747654.3, 29.0, 29.0, 0.0);
(406992.4, 3747654.3, 29.0, 29.0, 0.0); (406982.9,
3747654.3, 29.0, 29.0, 0.0);
(406973.4, 3747654.3, 29.0, 29.0, 0.0); (406963.9,
3747654.2, 29.0, 29.0, 0.0);
(406954.5, 3747654.2, 29.0, 29.0, 0.0); (406945.0,
3747654.2, 29.0, 29.0, 0.0);
(406935.5, 3747654.2, 29.0, 29.0, 0.0); (406926.0,
3747654.2, 29.0, 29.0, 0.0);
(406916.5, 3747654.2, 29.0, 29.0, 0.0); (406907.0,
3747654.2, 29.0, 29.0, 0.0);
(406897.5, 3747654.2, 29.0, 29.0, 0.0); (406888.1,
3747654.2, 29.0, 29.0, 0.0);
(406878.6, 3747654.2, 29.0, 29.0, 0.0); (406869.1,
3747654.2, 29.0, 29.0, 0.0);
(406859.6, 3747654.1, 29.0, 29.0, 0.0); (407007.2,
3747651.5, 29.0, 29.0, 0.0);
(407014.7, 3747659.0, 29.0, 29.0, 0.0); (407001.9,
3747649.3, 29.0, 29.0, 0.0);
(406992.4, 3747649.3, 29.0, 29.0, 0.0); (406982.9,
3747649.3, 29.0, 29.0, 0.0);
(406973.4, 3747649.3, 29.0, 29.0, 0.0); (406963.9,
3747649.2, 29.0, 29.0, 0.0);

(406954.5, 3747649.2, 29.0, 29.0, 0.0); (406945.0, 3747649.2, 29.0, 29.0, 0.0);
(406935.5, 3747649.2, 29.0, 29.0, 0.0); (406926.0, 3747649.2, 29.0, 29.0, 0.0);
(406916.5, 3747649.2, 29.0, 29.0, 0.0); (406907.0, 3747649.2, 29.0, 29.0, 0.0);
(406897.5, 3747649.2, 29.0, 29.0, 0.0); (406888.1, 3747649.2, 29.0, 29.0, 0.0);
(406878.6, 3747649.2, 29.0, 29.0, 0.0); (406869.1, 3747649.2, 29.0, 29.0, 0.0);
(406859.6, 3747649.1, 29.0, 29.0, 0.0); (407009.0, 3747647.2, 29.0, 29.0, 0.0);
(407019.0, 3747657.2, 29.0, 29.0, 0.0); (407001.9, 3747644.3, 29.0, 29.0, 0.0);
(406992.4, 3747644.3, 29.0, 29.0, 0.0); (406982.9, 3747644.3, 29.0, 29.0, 0.0);
(406973.4, 3747644.3, 29.0, 29.0, 0.0); (406964.0, 3747644.2, 29.0, 29.0, 0.0);
(406954.5, 3747644.2, 29.0, 29.0, 0.0); (406945.0, 3747644.2, 29.0, 29.0, 0.0);
(406935.5, 3747644.2, 29.0, 29.0, 0.0); (406926.0, 3747644.2, 29.0, 29.0, 0.0);
(406916.5, 3747644.2, 29.0, 29.0, 0.0); (406907.0, 3747644.2, 29.0, 29.0, 0.0);
(406897.5, 3747644.2, 29.0, 29.0, 0.0); (406888.1, 3747644.2, 29.0, 29.0, 0.0);
(406878.6, 3747644.2, 29.0, 29.0, 0.0); (406869.1, 3747644.2, 29.0, 29.0, 0.0);
(406859.6, 3747644.1, 29.0, 29.0, 0.0); (407007.8, 3747641.7, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(407013.7, 3747644.2, 29.0, 29.0, 0.0); (407022.0, 3747652.5, 29.0, 29.0, 0.0);
(407024.4, 3747658.4, 29.0, 29.0, 0.0); (407001.9, 3747639.3, 29.0, 29.0, 0.0);
(406992.4, 3747639.3, 29.0, 29.0, 0.0); (406982.9, 3747639.3, 29.0, 29.0, 0.0);
(406973.4, 3747639.3, 29.0, 29.0, 0.0); (406964.0, 3747639.2, 29.0, 29.0, 0.0);
(406954.5, 3747639.2, 29.0, 29.0, 0.0); (406945.0, 3747639.2, 29.0, 29.0, 0.0);
(406935.5, 3747639.2, 29.0, 29.0, 0.0); (406926.0, 3747639.2, 29.0, 29.0, 0.0);
(406916.5, 3747639.2, 29.0, 29.0, 0.0); (406907.0, 3747639.2, 29.0, 29.0, 0.0);
(406897.6, 3747639.2, 29.0, 29.0, 0.0); (406888.1, 3747639.2, 29.0, 29.0, 0.0);
(406878.6, 3747639.2, 29.0, 29.0, 0.0); (406869.1, 3747639.2, 29.0, 29.0, 0.0);
(406859.6, 3747639.1, 29.0, 29.0, 0.0); (407009.0, 3747637.2, 29.0, 29.0, 0.0);
(407016.0, 3747640.2, 29.0, 29.0, 0.0); (407026.0, 3747650.2, 29.0, 29.0, 0.0);
(407029.0, 3747657.2, 29.0, 29.0, 0.0); (407001.9, 3747634.3, 29.0, 29.0, 0.0);

(406992.4, 3747634.3, 29.0, 29.0, 0.0); (406982.9, 3747634.3, 29.0, 29.0, 0.0);
(406973.4, 3747634.3, 29.0, 29.0, 0.0); (406964.0, 3747634.2, 29.0, 29.0, 0.0);
(406954.5, 3747634.2, 29.0, 29.0, 0.0); (406945.0, 3747634.2, 29.0, 29.0, 0.0);
(406935.5, 3747634.2, 29.0, 29.0, 0.0); (406926.0, 3747634.2, 29.0, 29.0, 0.0);
(406916.5, 3747634.2, 29.0, 29.0, 0.0); (406907.0, 3747634.2, 29.0, 29.0, 0.0);
(406897.6, 3747634.2, 29.0, 29.0, 0.0); (406888.1, 3747634.2, 29.0, 29.0, 0.0);
(406878.6, 3747634.2, 29.0, 29.0, 0.0); (406869.1, 3747634.2, 29.0, 29.0, 0.0);
(406859.6, 3747634.1, 29.0, 29.0, 0.0); (407010.1, 3747632.7, 29.0, 29.0, 0.0);
(407018.4, 3747636.1, 29.0, 29.0, 0.0); (407030.0, 3747647.8, 29.0, 29.0, 0.0);
(407033.5, 3747656.1, 29.0, 29.0, 0.0); (407001.9, 3747629.3, 29.0, 29.0, 0.0);
(406992.4, 3747629.3, 29.0, 29.0, 0.0); (406982.9, 3747629.3, 29.0, 29.0, 0.0);
(406973.5, 3747629.3, 29.0, 29.0, 0.0); (406964.0, 3747629.2, 29.0, 29.0, 0.0);
(406954.5, 3747629.2, 29.0, 29.0, 0.0); (406945.0, 3747629.2, 29.0, 29.0, 0.0);
(406935.5, 3747629.2, 29.0, 29.0, 0.0); (406926.0, 3747629.2, 29.0, 29.0, 0.0);
(406916.5, 3747629.2, 29.0, 29.0, 0.0); (406907.0, 3747629.2, 29.0, 29.0, 0.0);
(406897.6, 3747629.2, 29.0, 29.0, 0.0); (406888.1, 3747629.2, 29.0, 29.0, 0.0);
(406878.6, 3747629.2, 29.0, 29.0, 0.0); (406869.1, 3747629.2, 29.0, 29.0, 0.0);
(406859.6, 3747629.1, 29.0, 29.0, 0.0); (407009.0, 3747627.2, 29.0, 29.0, 0.0);
(407016.0, 3747630.2, 29.0, 29.0, 0.0); (407023.1, 3747633.1, 29.0, 29.0, 0.0);
(407033.1, 3747643.1, 29.0, 29.0, 0.0); (407036.0, 3747650.2, 29.0, 29.0, 0.0);
(407039.0, 3747657.2, 29.0, 29.0, 0.0); (407001.9, 3747624.3, 29.0, 29.0, 0.0);
(406992.4, 3747624.3, 29.0, 29.0, 0.0); (406982.9, 3747624.3, 29.0, 29.0, 0.0);
(406973.5, 3747624.3, 29.0, 29.0, 0.0); (406964.0, 3747624.2, 29.0, 29.0, 0.0);
(406954.5, 3747624.2, 29.0, 29.0, 0.0); (406945.0, 3747624.2, 29.0, 29.0, 0.0);
(406935.5, 3747624.2, 29.0, 29.0, 0.0); (406926.0, 3747624.2, 29.0, 29.0, 0.0);
(406916.5, 3747624.2, 29.0, 29.0, 0.0); (406907.1, 3747624.2, 29.0, 29.0, 0.0);
(406897.6, 3747624.2, 29.0, 29.0, 0.0); (406888.1, 3747624.2, 29.0, 29.0, 0.0);
(406878.6, 3747624.2, 29.0, 29.0, 0.0); (406869.1, 3747624.2, 29.0, 29.0, 0.0);
(406859.6, 3747624.1, 29.0, 29.0, 0.0); (407009.9, 3747622.6, 29.0, 29.0, 0.0);
(407017.8, 3747625.9, 29.0, 29.0, 0.0); (407025.8, 3747629.2, 29.0, 29.0, 0.0);
(407037.0, 3747640.5, 29.0, 29.0, 0.0); (407040.3, 3747648.4, 29.0, 29.0, 0.0);
(407043.6, 3747656.4, 29.0, 29.0, 0.0); (407001.9, 3747619.3, 29.0, 29.0, 0.0);
(406992.4, 3747619.3, 29.0, 29.0, 0.0); (406982.9, 3747619.3, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406973.5, 3747619.3, 29.0, 29.0, 0.0); (406964.0, 3747619.2, 29.0, 29.0, 0.0);
(406954.5, 3747619.2, 29.0, 29.0, 0.0); (406945.0, 3747619.2, 29.0, 29.0, 0.0);
(406935.5, 3747619.2, 29.0, 29.0, 0.0); (406926.0, 3747619.2, 29.0, 29.0, 0.0);
(406916.5, 3747619.2, 29.0, 29.0, 0.0); (406907.1, 3747619.2, 29.0, 29.0, 0.0);
(406897.6, 3747619.2, 29.0, 29.0, 0.0); (406888.1, 3747619.2, 29.0, 29.0, 0.0);
(406878.6, 3747619.2, 29.0, 29.0, 0.0); (406869.1, 3747619.2, 29.0, 29.0, 0.0);
(406859.6, 3747619.1, 29.0, 29.0, 0.0); (407009.0, 3747617.2, 29.0, 29.0, 0.0);
(407016.1, 3747620.2, 29.0, 29.0, 0.0); (407023.1, 3747623.1, 29.0, 29.0, 0.0);
(407030.2, 3747626.0, 29.0, 29.0, 0.0); (407040.2, 3747636.0, 29.0, 29.0, 0.0);
(407043.1, 3747643.1, 29.0, 29.0, 0.0); (407046.0, 3747650.2, 29.0, 29.0, 0.0);
(407049.0, 3747657.3, 29.0, 29.0, 0.0); (407001.9, 3747614.3, 29.0, 29.0, 0.0);
(406992.4, 3747614.3, 29.0, 29.0, 0.0); (406983.0, 3747614.3, 29.0, 29.0, 0.0);
(406973.5, 3747614.3, 29.0, 29.0, 0.0); (406964.0, 3747614.2, 29.0, 29.0, 0.0);
(406954.5, 3747614.2, 29.0, 29.0, 0.0); (406945.0, 3747614.2, 29.0, 29.0, 0.0);
(406935.5, 3747614.2, 29.0, 29.0, 0.0); (406926.0, 3747614.2, 29.0, 29.0, 0.0);
(406916.5, 3747614.2, 29.0, 29.0, 0.0); (406907.1, 3747614.2, 29.0, 29.0, 0.0);
(406897.6, 3747614.2, 29.0, 29.0, 0.0); (406888.1, 3747614.2, 29.0, 29.0, 0.0);
(406878.6, 3747614.2, 29.0, 29.0, 0.0); (406869.1, 3747614.2, 29.0, 29.0, 0.0);
(406859.6, 3747614.1, 29.0, 29.0, 0.0); (407009.7, 3747612.5, 29.0, 29.0, 0.0);
(407017.5, 3747615.8, 29.0, 29.0, 0.0); (407025.2, 3747619.0, 29.0, 29.0, 0.0);
(407033.0, 3747622.2, 29.0, 29.0, 0.0); (407044.0, 3747633.2, 29.0, 29.0, 0.0);
(407047.2, 3747641.0, 29.0, 29.0, 0.0); (407050.4, 3747648.8, 29.0, 29.0, 0.0);
(407053.7, 3747656.6, 29.0, 29.0, 0.0); (407001.9, 3747609.3, 29.0, 29.0, 0.0);
(406992.4, 3747609.3, 29.0, 29.0, 0.0); (406983.0, 3747609.3, 29.0, 29.0, 0.0);
(406973.5, 3747609.3, 29.0, 29.0, 0.0); (406964.0, 3747609.2, 29.0, 29.0, 0.0);
(406954.5, 3747609.2, 29.0, 29.0, 0.0); (406945.0, 3747609.2, 29.0, 29.0, 0.0);
(406935.5, 3747609.2, 29.0, 29.0, 0.0); (406926.0, 3747609.2, 29.0, 29.0, 0.0);

(406916.6, 3747609.2, 29.0, 29.0, 0.0); (406907.1, 3747609.2, 29.0, 29.0, 0.0);
(406897.6, 3747609.2, 29.0, 29.0, 0.0); (406888.1, 3747609.2, 29.0, 29.0, 0.0);
(406878.6, 3747609.2, 29.0, 29.0, 0.0); (406869.1, 3747609.2, 29.0, 29.0, 0.0);
(406859.6, 3747609.1, 29.0, 29.0, 0.0); (407010.4, 3747607.8, 29.0, 29.0, 0.0);
(407018.9, 3747611.3, 29.0, 29.0, 0.0); (407027.4, 3747614.9, 29.0, 29.0, 0.0);
(407035.9, 3747618.4, 29.0, 29.0, 0.0); (407047.8, 3747630.4, 29.0, 29.0, 0.0);
(407051.3, 3747638.9, 29.0, 29.0, 0.0); (407054.9, 3747647.4, 29.0, 29.0, 0.0);
(407058.4, 3747655.9, 29.0, 29.0, 0.0); (407001.9, 3747604.3, 29.0, 29.0, 0.0);
(406992.4, 3747604.3, 29.0, 29.0, 0.0); (406983.0, 3747604.3, 29.0, 29.0, 0.0);
(406973.5, 3747604.3, 29.0, 29.0, 0.0); (406964.0, 3747604.2, 29.0, 29.0, 0.0);
(406954.5, 3747604.2, 29.0, 29.0, 0.0); (406945.0, 3747604.2, 29.0, 29.0, 0.0);
(406935.5, 3747604.2, 29.0, 29.0, 0.0); (406926.0, 3747604.2, 29.0, 29.0, 0.0);
(406916.6, 3747604.2, 29.0, 29.0, 0.0); (406907.1, 3747604.2, 29.0, 29.0, 0.0);
(406897.6, 3747604.2, 29.0, 29.0, 0.0); (406888.1, 3747604.2, 29.0, 29.0, 0.0);
(406878.6, 3747604.2, 29.0, 29.0, 0.0); (406869.1, 3747604.2, 29.0, 29.0, 0.0);
(406859.6, 3747604.1, 29.0, 29.0, 0.0); (407009.6, 3747602.5, 29.0, 29.0, 0.0);
(407017.2, 3747605.6, 29.0, 29.0, 0.0); (407024.9, 3747608.8, 29.0, 29.0, 0.0);
(407032.6, 3747612.0, 29.0, 29.0, 0.0); (407040.2, 3747615.2, 29.0, 29.0, 0.0);

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

(407051.0, 3747626.0, 29.0, 29.0, 0.0); (407054.2, 3747633.7, 29.0, 29.0, 0.0);
(407057.4, 3747641.4, 29.0, 29.0, 0.0); (407060.5, 3747649.0, 29.0, 29.0, 0.0);
(407063.7, 3747656.7, 29.0, 29.0, 0.0); (407001.9, 3747599.3, 29.0, 29.0, 0.0);
(406992.5, 3747599.3, 29.0, 29.0, 0.0); (406983.0, 3747599.3, 29.0, 29.0, 0.0);
(406973.5, 3747599.3, 29.0, 29.0, 0.0); (406964.0, 3747599.2, 29.0, 29.0, 0.0);
(406954.5, 3747599.2, 29.0, 29.0, 0.0); (406945.0, 3747599.2, 29.0, 29.0, 0.0);
(406935.5, 3747599.2, 29.0, 29.0, 0.0); (406926.0, 3747599.2, 29.0, 29.0, 0.0);
(406916.6, 3747599.2, 29.0, 29.0, 0.0); (406907.1, 3747599.2, 29.0, 29.0, 0.0);
(406897.6, 3747599.2, 29.0, 29.0, 0.0); (406888.1, 3747599.2, 29.0, 29.0, 0.0);

(406878.6, 3747599.2, 29.0, 29.0, 0.0); (406869.1, 3747599.2, 29.0, 29.0, 0.0);
(406859.6, 3747599.1, 29.0, 29.0, 0.0); (407010.2, 3747597.7, 29.0, 29.0, 0.0);
(407018.4, 3747601.1, 29.0, 29.0, 0.0); (407026.7, 3747604.6, 29.0, 29.0, 0.0);
(407034.9, 3747608.0, 29.0, 29.0, 0.0); (407043.2, 3747611.4, 29.0, 29.0, 0.0);
(407054.8, 3747623.1, 29.0, 29.0, 0.0); (407058.2, 3747631.3, 29.0, 29.0, 0.0);
(407061.6, 3747639.6, 29.0, 29.0, 0.0); (407065.0, 3747647.8, 29.0, 29.0, 0.0);
(407068.5, 3747656.1, 29.0, 29.0, 0.0); (407001.9, 3747594.3, 29.0, 29.0, 0.0);
(406992.5, 3747594.3, 29.0, 29.0, 0.0); (406983.0, 3747594.3, 29.0, 29.0, 0.0);
(406973.5, 3747594.3, 29.0, 29.0, 0.0); (406964.0, 3747594.2, 29.0, 29.0, 0.0);
(406954.5, 3747594.2, 29.0, 29.0, 0.0); (406945.0, 3747594.2, 29.0, 29.0, 0.0);
(406935.5, 3747594.2, 29.0, 29.0, 0.0); (406926.1, 3747594.2, 29.0, 29.0, 0.0);
(406916.6, 3747594.2, 29.0, 29.0, 0.0); (406907.1, 3747594.2, 29.0, 29.0, 0.0);
(406897.6, 3747594.2, 29.0, 29.0, 0.0); (406888.1, 3747594.2, 29.0, 29.0, 0.0);
(406878.6, 3747594.2, 29.0, 29.0, 0.0); (406869.1, 3747594.2, 29.0, 29.0, 0.0);
(406859.7, 3747594.1, 29.0, 29.0, 0.0); (407009.5, 3747592.4, 29.0, 29.0, 0.0);
(407017.1, 3747595.6, 29.0, 29.0, 0.0); (407024.7, 3747598.7, 29.0, 29.0, 0.0);
(407032.2, 3747601.9, 29.0, 29.0, 0.0); (407039.8, 3747605.0, 29.0, 29.0, 0.0);
(407047.4, 3747608.2, 29.0, 29.0, 0.0); (407058.1, 3747618.9, 29.0, 29.0, 0.0);
(407061.2, 3747626.5, 29.0, 29.0, 0.0); (407064.3, 3747634.0, 29.0, 29.0, 0.0);
(407067.5, 3747641.6, 29.0, 29.0, 0.0); (407070.6, 3747649.2, 29.0, 29.0, 0.0);
(407073.7, 3747656.8, 29.0, 29.0, 0.0); (407001.9, 3747589.3, 29.0, 29.0, 0.0);
(406992.5, 3747589.3, 29.0, 29.0, 0.0); (406983.0, 3747589.3, 29.0, 29.0, 0.0);
(406973.5, 3747589.3, 29.0, 29.0, 0.0); (406964.0, 3747589.2, 29.0, 29.0, 0.0);
(406954.5, 3747589.2, 29.0, 29.0, 0.0); (406945.0, 3747589.2, 29.0, 29.0, 0.0);
(406935.5, 3747589.2, 29.0, 29.0, 0.0); (406926.1, 3747589.2, 29.0, 29.0, 0.0);
(406916.6, 3747589.2, 29.0, 29.0, 0.0); (406907.1, 3747589.2, 29.0, 29.0, 0.0);
(406897.6, 3747589.2, 29.0, 29.0, 0.0); (406888.1, 3747589.2, 29.0, 29.0, 0.0);
(406878.6, 3747589.2, 29.0, 29.0, 0.0); (406869.1, 3747589.2, 29.0, 29.0, 0.0);
(406859.7, 3747589.1, 29.0, 29.0, 0.0); (407010.0, 3747587.6, 29.0, 29.0, 0.0);
(407018.1, 3747591.0, 29.0, 29.0, 0.0); (407026.2, 3747594.4, 29.0, 29.0, 0.0);
(407042.3, 3747601.1, 29.0, 29.0, 0.0); (407050.4, 3747604.4, 29.0, 29.0, 0.0);
(407061.8, 3747615.9, 29.0, 29.0, 0.0); (407065.2, 3747623.9, 29.0, 29.0, 0.0);
(407068.5, 3747632.0, 29.0, 29.0, 0.0); (407071.8, 3747640.1, 29.0, 29.0, 0.0);

(407075.2, 3747648.2, 29.0, 29.0, 0.0); (407078.5,
3747656.3, 29.0, 29.0, 0.0);
(407002.0, 3747584.3, 29.0, 29.0, 0.0); (406992.5,
3747584.3, 29.0, 29.0, 0.0);
(406983.0, 3747584.3, 29.0, 29.0, 0.0); (406973.5,
3747584.3, 29.0, 29.0, 0.0);

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

(406964.0, 3747584.2, 29.0, 29.0, 0.0); (406954.5,
3747584.2, 29.0, 29.0, 0.0);
(406945.0, 3747584.2, 29.0, 29.0, 0.0); (406935.5,
3747584.2, 29.0, 29.0, 0.0);
(406926.1, 3747584.2, 29.0, 29.0, 0.0); (406916.6,
3747584.2, 29.0, 29.0, 0.0);
(406907.1, 3747584.2, 29.0, 29.0, 0.0); (406897.6,
3747584.2, 29.0, 29.0, 0.0);
(406888.1, 3747584.2, 29.0, 29.0, 0.0); (406878.6,
3747584.2, 29.0, 29.0, 0.0);
(406869.1, 3747584.2, 29.0, 29.0, 0.0); (406859.7,
3747584.1, 29.0, 29.0, 0.0);
(407010.5, 3747582.8, 29.0, 29.0, 0.0); (407019.1,
3747586.4, 29.0, 29.0, 0.0);
(407027.7, 3747590.0, 29.0, 29.0, 0.0); (407036.3,
3747593.5, 29.0, 29.0, 0.0);
(407044.9, 3747597.1, 29.0, 29.0, 0.0); (407053.5,
3747600.7, 29.0, 29.0, 0.0);
(407065.6, 3747612.8, 29.0, 29.0, 0.0); (407069.1,
3747621.4, 29.0, 29.0, 0.0);
(407072.7, 3747630.0, 29.0, 29.0, 0.0); (407076.2,
3747638.6, 29.0, 29.0, 0.0);
(407079.8, 3747647.2, 29.0, 29.0, 0.0); (407083.3,
3747655.8, 29.0, 29.0, 0.0);
(407002.0, 3747579.3, 29.0, 29.0, 0.0); (406992.5,
3747579.3, 29.0, 29.0, 0.0);
(406983.0, 3747579.3, 29.0, 29.0, 0.0); (406973.5,
3747579.3, 29.0, 29.0, 0.0);
(406964.0, 3747579.2, 29.0, 29.0, 0.0); (406954.5,
3747579.2, 29.0, 29.0, 0.0);
(406945.0, 3747579.2, 29.0, 29.0, 0.0); (406935.6,
3747579.2, 29.0, 29.0, 0.0);
(406926.1, 3747579.2, 29.0, 29.0, 0.0); (406916.6,
3747579.2, 29.0, 29.0, 0.0);
(406907.1, 3747579.2, 29.0, 29.0, 0.0); (406897.6,
3747579.2, 29.0, 29.0, 0.0);
(406888.1, 3747579.2, 29.0, 29.0, 0.0); (406878.6,
3747579.2, 29.0, 29.0, 0.0);
(406869.2, 3747579.2, 29.0, 29.0, 0.0); (406859.7,
3747579.1, 29.0, 29.0, 0.0);
(407009.9, 3747577.6, 29.0, 29.0, 0.0); (407017.9,
3747580.9, 29.0, 29.0, 0.0);
(407025.8, 3747584.2, 29.0, 29.0, 0.0); (407033.8,
3747587.5, 29.0, 29.0, 0.0);
(407041.7, 3747590.8, 29.0, 29.0, 0.0); (407049.7,
3747594.1, 29.0, 29.0, 0.0);
(407057.6, 3747597.4, 29.0, 29.0, 0.0); (407068.9,
3747608.7, 29.0, 29.0, 0.0);

(407072.1, 3747616.6, 29.0, 29.0, 0.0); (407075.4,
3747624.6, 29.0, 29.0, 0.0);
(407078.7, 3747632.5, 29.0, 29.0, 0.0); (407082.0,
3747640.5, 29.0, 29.0, 0.0);
(407085.3, 3747648.5, 29.0, 29.0, 0.0); (407088.6,
3747656.4, 29.0, 29.0, 0.0);
(407002.0, 3747574.3, 29.0, 29.0, 0.0); (406992.5,
3747574.3, 29.0, 29.0, 0.0);
(406983.0, 3747574.3, 29.0, 29.0, 0.0); (406973.5,
3747574.3, 29.0, 29.0, 0.0);
(406964.0, 3747574.2, 29.0, 29.0, 0.0); (406954.5,
3747574.2, 29.0, 29.0, 0.0);
(406945.0, 3747574.2, 29.0, 29.0, 0.0); (406935.6,
3747574.2, 29.0, 29.0, 0.0);
(406926.1, 3747574.2, 29.0, 29.0, 0.0); (406916.6,
3747574.2, 29.0, 29.0, 0.0);
(406907.1, 3747574.2, 29.0, 29.0, 0.0); (406897.6,
3747574.2, 29.0, 29.0, 0.0);
(406888.1, 3747574.2, 29.0, 29.0, 0.0); (406878.6,
3747574.2, 29.0, 29.0, 0.0);
(406869.2, 3747574.2, 29.0, 29.0, 0.0); (406859.7,
3747574.1, 29.0, 29.0, 0.0);
(407010.4, 3747572.8, 29.0, 29.0, 0.0); (407018.8,
3747576.3, 29.0, 29.0, 0.0);
(407027.1, 3747579.8, 29.0, 29.0, 0.0); (407035.5,
3747583.2, 29.0, 29.0, 0.0);
(407043.9, 3747586.7, 29.0, 29.0, 0.0); (407052.3,
3747590.2, 29.0, 29.0, 0.0);
(407060.7, 3747593.7, 29.0, 29.0, 0.0); (407072.6,
3747605.6, 29.0, 29.0, 0.0);
(407076.0, 3747614.0, 29.0, 29.0, 0.0); (407079.5,
3747622.4, 29.0, 29.0, 0.0);
(407083.0, 3747630.8, 29.0, 29.0, 0.0); (407086.5,
3747639.2, 29.0, 29.0, 0.0);
(407089.9, 3747647.6, 29.0, 29.0, 0.0); (407093.4,
3747656.0, 29.0, 29.0, 0.0);
(407002.0, 3747569.3, 29.0, 29.0, 0.0); (406992.5,
3747569.3, 29.0, 29.0, 0.0);
(406983.0, 3747569.3, 29.0, 29.0, 0.0); (406973.5,
3747569.3, 29.0, 29.0, 0.0);
(406964.0, 3747569.2, 29.0, 29.0, 0.0); (406954.5,
3747569.2, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406945.0, 3747569.2, 29.0, 29.0, 0.0); (406935.6,
3747569.2, 29.0, 29.0, 0.0);
(406926.1, 3747569.2, 29.0, 29.0, 0.0); (406916.6,
3747569.2, 29.0, 29.0, 0.0);
(406907.1, 3747569.2, 29.0, 29.0, 0.0); (406897.6,
3747569.2, 29.0, 29.0, 0.0);
(406888.1, 3747569.2, 29.0, 29.0, 0.0); (406878.6,
3747569.2, 29.0, 29.0, 0.0);
(406869.2, 3747569.2, 29.0, 29.0, 0.0); (406859.7,
3747569.1, 29.0, 29.0, 0.0);
(407009.8, 3747567.5, 29.0, 29.0, 0.0); (407017.7,
3747570.8, 29.0, 29.0, 0.0);

(407025.5, 3747574.1, 29.0, 29.0, 0.0); (407033.4, 3747577.3, 29.0, 29.0, 0.0);
(407041.2, 3747580.6, 29.0, 29.0, 0.0); (407049.1, 3747583.9, 29.0, 29.0, 0.0);
(407056.9, 3747587.1, 29.0, 29.0, 0.0); (407064.8, 3747590.4, 29.0, 29.0, 0.0);
(407075.9, 3747601.5, 29.0, 29.0, 0.0); (407079.1, 3747609.4, 29.0, 29.0, 0.0);
(407082.4, 3747617.2, 29.0, 29.0, 0.0); (407085.6, 3747625.1, 29.0, 29.0, 0.0);
(407088.9, 3747632.9, 29.0, 29.0, 0.0); (407092.1, 3747640.8, 29.0, 29.0, 0.0);
(407095.4, 3747648.7, 29.0, 29.0, 0.0); (407098.6, 3747656.5, 29.0, 29.0, 0.0);
(407002.0, 3747564.3, 29.0, 29.0, 0.0); (406992.5, 3747564.3, 29.0, 29.0, 0.0);
(406983.0, 3747564.3, 29.0, 29.0, 0.0); (406973.5, 3747564.3, 29.0, 29.0, 0.0);
(406964.0, 3747564.2, 29.0, 29.0, 0.0); (406954.5, 3747564.2, 29.0, 29.0, 0.0);
(406945.1, 3747564.2, 29.0, 29.0, 0.0); (406935.6, 3747564.2, 29.0, 29.0, 0.0);
(406926.1, 3747564.2, 29.0, 29.0, 0.0); (406916.6, 3747564.2, 29.0, 29.0, 0.0);
(406907.1, 3747564.2, 29.0, 29.0, 0.0); (406897.6, 3747564.2, 29.0, 29.0, 0.0);
(406888.1, 3747564.2, 29.0, 29.0, 0.0); (406878.7, 3747564.2, 29.0, 29.0, 0.0);
(406869.2, 3747564.2, 29.0, 29.0, 0.0); (406859.7, 3747564.1, 29.0, 29.0, 0.0);
(406854.6, 3747664.1, 29.0, 29.0, 0.0); (406854.6, 3747673.6, 29.0, 29.0, 0.0);
(406854.6, 3747683.1, 29.0, 29.0, 0.0); (406854.6, 3747692.6, 29.0, 29.0, 0.0);
(406854.5, 3747702.1, 29.0, 29.0, 0.0); (406854.5, 3747711.6, 29.0, 29.0, 0.0);
(406854.5, 3747721.1, 29.0, 29.0, 0.0); (406854.5, 3747730.6, 29.0, 29.0, 0.0);
(406854.5, 3747740.1, 29.0, 29.0, 0.0); (406854.5, 3747749.6, 29.0, 29.0, 0.0);
(406854.5, 3747759.1, 29.0, 29.0, 0.0); (406854.5, 3747768.6, 29.0, 29.0, 0.0);
(406854.5, 3747778.1, 29.0, 29.0, 0.0); (406854.5, 3747787.6, 29.0, 29.0, 0.0);
(406854.5, 3747797.1, 29.0, 29.0, 0.0); (406854.5, 3747806.6, 29.0, 29.0, 0.0);
(406849.6, 3747664.1, 29.0, 29.0, 0.0); (406849.6, 3747673.6, 29.0, 29.0, 0.0);
(406849.6, 3747683.1, 29.0, 29.0, 0.0); (406849.6, 3747692.6, 29.0, 29.0, 0.0);
(406849.5, 3747702.1, 29.0, 29.0, 0.0); (406849.5, 3747711.6, 29.0, 29.0, 0.0);
(406849.5, 3747721.1, 29.0, 29.0, 0.0); (406849.5, 3747730.6, 29.0, 29.0, 0.0);
(406849.5, 3747740.1, 29.0, 29.0, 0.0); (406849.5, 3747749.6, 29.0, 29.0, 0.0);
(406849.5, 3747759.1, 29.0, 29.0, 0.0); (406849.5, 3747768.6, 29.0, 29.0, 0.0);
(406849.5, 3747778.1, 29.0, 29.0, 0.0); (406849.5, 3747787.6, 29.0, 29.0, 0.0);
(406849.5, 3747797.1, 29.0, 29.0, 0.0); (406849.5, 3747806.6, 29.0, 29.0, 0.0);
(406846.8, 3747658.8, 29.0, 29.0, 0.0); (406854.3, 3747651.3, 29.0, 29.0, 0.0);
(406844.6, 3747664.1, 29.0, 29.0, 0.0); (406844.6, 3747673.6, 29.0, 29.0, 0.0);

(406844.6, 3747683.1, 29.0, 29.0, 0.0); (406844.6, 3747692.6, 29.0, 29.0, 0.0);
(406844.5, 3747702.1, 29.0, 29.0, 0.0); (406844.5, 3747711.6, 29.0, 29.0, 0.0);
(406844.5, 3747721.1, 29.0, 29.0, 0.0); (406844.5, 3747730.6, 29.0, 29.0, 0.0);
(406844.5, 3747740.1, 29.0, 29.0, 0.0); (406844.5, 3747749.6, 29.0, 29.0, 0.0);
(406844.5, 3747759.1, 29.0, 29.0, 0.0); (406844.5, 3747768.6, 29.0, 29.0, 0.0);
(406844.5, 3747778.1, 29.0, 29.0, 0.0); (406844.5, 3747787.6, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406844.5, 3747797.1, 29.0, 29.0, 0.0); (406844.5, 3747806.6, 29.0, 29.0, 0.0);
(406842.5, 3747657.1, 29.0, 29.0, 0.0); (406852.5, 3747647.1, 29.0, 29.0, 0.0);
(406839.6, 3747664.1, 29.0, 29.0, 0.0); (406839.6, 3747673.6, 29.0, 29.0, 0.0);
(406839.6, 3747683.1, 29.0, 29.0, 0.0); (406839.6, 3747692.6, 29.0, 29.0, 0.0);
(406839.5, 3747702.1, 29.0, 29.0, 0.0); (406839.5, 3747711.6, 29.0, 29.0, 0.0);
(406839.5, 3747721.1, 29.0, 29.0, 0.0); (406839.5, 3747730.6, 29.0, 29.0, 0.0);
(406839.5, 3747740.1, 29.0, 29.0, 0.0); (406839.5, 3747749.6, 29.0, 29.0, 0.0);
(406839.5, 3747759.1, 29.0, 29.0, 0.0); (406839.5, 3747768.6, 29.0, 29.0, 0.0);
(406839.5, 3747778.1, 29.0, 29.0, 0.0); (406839.5, 3747787.6, 29.0, 29.0, 0.0);
(406839.5, 3747797.1, 29.0, 29.0, 0.0); (406839.5, 3747806.5, 29.0, 29.0, 0.0);
(406837.0, 3747658.2, 29.0, 29.0, 0.0); (406839.5, 3747652.3, 29.0, 29.0, 0.0);
(406847.8, 3747644.0, 29.0, 29.0, 0.0); (406853.7, 3747641.6, 29.0, 29.0, 0.0);
(406834.6, 3747664.1, 29.0, 29.0, 0.0); (406834.6, 3747673.6, 29.0, 29.0, 0.0);
(406834.6, 3747683.1, 29.0, 29.0, 0.0); (406834.6, 3747692.6, 29.0, 29.0, 0.0);
(406834.5, 3747702.1, 29.0, 29.0, 0.0); (406834.5, 3747711.6, 29.0, 29.0, 0.0);
(406834.5, 3747721.1, 29.0, 29.0, 0.0); (406834.5, 3747730.6, 29.0, 29.0, 0.0);
(406834.5, 3747740.1, 29.0, 29.0, 0.0); (406834.5, 3747749.6, 29.0, 29.0, 0.0);
(406834.5, 3747759.1, 29.0, 29.0, 0.0); (406834.5, 3747768.6, 29.0, 29.0, 0.0);
(406834.5, 3747778.1, 29.0, 29.0, 0.0); (406834.5, 3747787.6, 29.0, 29.0, 0.0);
(406834.5, 3747797.0, 29.0, 29.0, 0.0); (406834.5, 3747806.5, 29.0, 29.0, 0.0);
(406832.5, 3747657.0, 29.0, 29.0, 0.0); (406835.5, 3747650.0, 29.0, 29.0, 0.0);

(406845.5, 3747640.0, 29.0, 29.0, 0.0); (406852.5, 3747637.1, 29.0, 29.0, 0.0);
(406829.6, 3747664.1, 29.0, 29.0, 0.0); (406829.6, 3747673.6, 29.0, 29.0, 0.0);
(406829.6, 3747683.1, 29.0, 29.0, 0.0); (406829.6, 3747692.6, 29.0, 29.0, 0.0);
(406829.5, 3747702.1, 29.0, 29.0, 0.0); (406829.5, 3747711.6, 29.0, 29.0, 0.0);
(406829.5, 3747721.1, 29.0, 29.0, 0.0); (406829.5, 3747730.6, 29.0, 29.0, 0.0);
(406829.5, 3747740.1, 29.0, 29.0, 0.0); (406829.5, 3747749.6, 29.0, 29.0, 0.0);
(406829.5, 3747759.1, 29.0, 29.0, 0.0); (406829.5, 3747768.6, 29.0, 29.0, 0.0);
(406829.5, 3747778.1, 29.0, 29.0, 0.0); (406829.5, 3747787.5, 29.0, 29.0, 0.0);
(406829.5, 3747797.0, 29.0, 29.0, 0.0); (406829.5, 3747806.5, 29.0, 29.0, 0.0);
(406828.0, 3747655.9, 29.0, 29.0, 0.0); (406831.4, 3747647.6, 29.0, 29.0, 0.0);
(406843.1, 3747636.0, 29.0, 29.0, 0.0); (406851.4, 3747632.6, 29.0, 29.0, 0.0);
(406824.6, 3747664.1, 29.0, 29.0, 0.0); (406824.6, 3747673.6, 29.0, 29.0, 0.0);
(406824.6, 3747683.1, 29.0, 29.0, 0.0); (406824.6, 3747692.6, 29.0, 29.0, 0.0);
(406824.5, 3747702.1, 29.0, 29.0, 0.0); (406824.5, 3747711.6, 29.0, 29.0, 0.0);
(406824.5, 3747721.1, 29.0, 29.0, 0.0); (406824.5, 3747730.6, 29.0, 29.0, 0.0);
(406824.5, 3747740.1, 29.0, 29.0, 0.0); (406824.5, 3747749.6, 29.0, 29.0, 0.0);
(406824.5, 3747759.1, 29.0, 29.0, 0.0); (406824.5, 3747768.6, 29.0, 29.0, 0.0);
(406824.5, 3747778.0, 29.0, 29.0, 0.0); (406824.5, 3747787.5, 29.0, 29.0, 0.0);
(406824.5, 3747797.0, 29.0, 29.0, 0.0); (406824.5, 3747806.5, 29.0, 29.0, 0.0);
(406822.5, 3747657.0, 29.0, 29.0, 0.0); (406825.5, 3747650.0, 29.0, 29.0, 0.0);
(406828.4, 3747642.9, 29.0, 29.0, 0.0); (406838.4, 3747632.9, 29.0, 29.0, 0.0);
(406845.5, 3747630.0, 29.0, 29.0, 0.0); (406852.6, 3747627.1, 29.0, 29.0, 0.0);
(406819.6, 3747664.1, 29.0, 29.0, 0.0); (406819.6, 3747673.6, 29.0, 29.0, 0.0);
(406819.6, 3747683.1, 29.0, 29.0, 0.0); (406819.6, 3747692.6, 29.0, 29.0, 0.0);

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

(406819.5, 3747702.1, 29.0, 29.0, 0.0); (406819.5, 3747711.6, 29.0, 29.0, 0.0);
(406819.5, 3747721.1, 29.0, 29.0, 0.0); (406819.5, 3747730.6, 29.0, 29.0, 0.0);
(406819.5, 3747740.1, 29.0, 29.0, 0.0); (406819.5, 3747749.6, 29.0, 29.0, 0.0);

(406819.5, 3747759.1, 29.0, 29.0, 0.0); (406819.5, 3747768.5, 29.0, 29.0, 0.0);
(406819.5, 3747778.0, 29.0, 29.0, 0.0); (406819.5, 3747787.5, 29.0, 29.0, 0.0);
(406819.5, 3747797.0, 29.0, 29.0, 0.0); (406819.5, 3747806.5, 29.0, 29.0, 0.0);
(406817.9, 3747656.1, 29.0, 29.0, 0.0); (406821.2, 3747648.2, 29.0, 29.0, 0.0);
(406824.5, 3747640.2, 29.0, 29.0, 0.0); (406835.8, 3747629.0, 29.0, 29.0, 0.0);
(406843.7, 3747625.7, 29.0, 29.0, 0.0); (406851.7, 3747622.4, 29.0, 29.0, 0.0);
(406814.6, 3747664.1, 29.0, 29.0, 0.0); (406814.6, 3747673.6, 29.0, 29.0, 0.0);
(406814.6, 3747683.1, 29.0, 29.0, 0.0); (406814.6, 3747692.6, 29.0, 29.0, 0.0);
(406814.5, 3747702.1, 29.0, 29.0, 0.0); (406814.5, 3747711.6, 29.0, 29.0, 0.0);
(406814.5, 3747721.1, 29.0, 29.0, 0.0); (406814.5, 3747730.6, 29.0, 29.0, 0.0);
(406814.5, 3747740.1, 29.0, 29.0, 0.0); (406814.5, 3747749.6, 29.0, 29.0, 0.0);
(406814.5, 3747759.0, 29.0, 29.0, 0.0); (406814.5, 3747768.5, 29.0, 29.0, 0.0);
(406814.5, 3747778.0, 29.0, 29.0, 0.0); (406814.5, 3747787.5, 29.0, 29.0, 0.0);
(406814.5, 3747797.0, 29.0, 29.0, 0.0); (406814.5, 3747806.5, 29.0, 29.0, 0.0);
(406812.5, 3747657.0, 29.0, 29.0, 0.0); (406815.5, 3747650.0, 29.0, 29.0, 0.0);
(406818.4, 3747642.9, 29.0, 29.0, 0.0); (406821.3, 3747635.8, 29.0, 29.0, 0.0);
(406831.3, 3747625.8, 29.0, 29.0, 0.0); (406838.4, 3747622.9, 29.0, 29.0, 0.0);
(406845.5, 3747620.0, 29.0, 29.0, 0.0); (406852.6, 3747617.1, 29.0, 29.0, 0.0);
(406809.6, 3747664.1, 29.0, 29.0, 0.0); (406809.6, 3747673.6, 29.0, 29.0, 0.0);
(406809.6, 3747683.1, 29.0, 29.0, 0.0); (406809.6, 3747692.6, 29.0, 29.0, 0.0);
(406809.5, 3747702.1, 29.0, 29.0, 0.0); (406809.5, 3747711.6, 29.0, 29.0, 0.0);
(406809.5, 3747721.1, 29.0, 29.0, 0.0); (406809.5, 3747730.6, 29.0, 29.0, 0.0);
(406809.5, 3747740.1, 29.0, 29.0, 0.0); (406809.5, 3747749.5, 29.0, 29.0, 0.0);
(406809.5, 3747759.0, 29.0, 29.0, 0.0); (406809.5, 3747768.5, 29.0, 29.0, 0.0);
(406809.5, 3747778.0, 29.0, 29.0, 0.0); (406809.5, 3747787.5, 29.0, 29.0, 0.0);
(406809.5, 3747797.0, 29.0, 29.0, 0.0); (406809.5, 3747806.5, 29.0, 29.0, 0.0);
(406807.8, 3747656.3, 29.0, 29.0, 0.0); (406811.0, 3747648.5, 29.0, 29.0, 0.0);
(406814.3, 3747640.8, 29.0, 29.0, 0.0); (406817.5, 3747633.0, 29.0, 29.0, 0.0);
(406828.5, 3747622.0, 29.0, 29.0, 0.0); (406836.3, 3747618.8, 29.0, 29.0, 0.0);
(406844.1, 3747615.6, 29.0, 29.0, 0.0); (406851.9, 3747612.4, 29.0, 29.0, 0.0);
(406804.6, 3747664.1, 29.0, 29.0, 0.0); (406804.6, 3747673.6, 29.0, 29.0, 0.0);
(406804.6, 3747683.1, 29.0, 29.0, 0.0); (406804.6, 3747692.6, 29.0, 29.0, 0.0);
(406804.5, 3747702.1, 29.0, 29.0, 0.0); (406804.5, 3747711.6, 29.0, 29.0, 0.0);

(406804.5, 3747721.1, 29.0, 29.0, 0.0); (406804.5, 3747730.6, 29.0, 29.0, 0.0);
(406804.5, 3747740.0, 29.0, 29.0, 0.0); (406804.5, 3747749.5, 29.0, 29.0, 0.0);
(406804.5, 3747759.0, 29.0, 29.0, 0.0); (406804.5, 3747768.5, 29.0, 29.0, 0.0);
(406804.5, 3747778.0, 29.0, 29.0, 0.0); (406804.5, 3747787.5, 29.0, 29.0, 0.0);
(406804.5, 3747797.0, 29.0, 29.0, 0.0); (406804.5, 3747806.5, 29.0, 29.0, 0.0);
(406803.1, 3747655.6, 29.0, 29.0, 0.0); (406806.6, 3747647.1, 29.0, 29.0, 0.0);
(406810.2, 3747638.6, 29.0, 29.0, 0.0); (406813.7, 3747630.2, 29.0, 29.0, 0.0);
(406825.7, 3747618.2, 29.0, 29.0, 0.0); (406834.2, 3747614.7, 29.0, 29.0, 0.0);
(406851.2, 3747607.7, 29.0, 29.0, 0.0); (406799.6, 3747664.1, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406799.6, 3747673.6, 29.0, 29.0, 0.0); (406799.6, 3747683.1, 29.0, 29.0, 0.0);
(406799.6, 3747692.6, 29.0, 29.0, 0.0); (406799.5, 3747702.1, 29.0, 29.0, 0.0);
(406799.5, 3747711.6, 29.0, 29.0, 0.0); (406799.5, 3747721.1, 29.0, 29.0, 0.0);
(406799.5, 3747730.5, 29.0, 29.0, 0.0); (406799.5, 3747740.0, 29.0, 29.0, 0.0);
(406799.5, 3747749.5, 29.0, 29.0, 0.0); (406799.5, 3747759.0, 29.0, 29.0, 0.0);
(406799.5, 3747768.5, 29.0, 29.0, 0.0); (406799.5, 3747778.0, 29.0, 29.0, 0.0);
(406799.5, 3747787.5, 29.0, 29.0, 0.0); (406799.5, 3747797.0, 29.0, 29.0, 0.0);
(406799.5, 3747806.5, 29.0, 29.0, 0.0); (406797.8, 3747656.4, 29.0, 29.0, 0.0);
(406801.0, 3747648.8, 29.0, 29.0, 0.0); (406804.1, 3747641.1, 29.0, 29.0, 0.0);
(406807.3, 3747633.5, 29.0, 29.0, 0.0); (406810.5, 3747625.8, 29.0, 29.0, 0.0);
(406821.3, 3747615.0, 29.0, 29.0, 0.0); (406829.0, 3747611.8, 29.0, 29.0, 0.0);
(406836.7, 3747608.6, 29.0, 29.0, 0.0); (406844.3, 3747605.5, 29.0, 29.0, 0.0);
(406852.0, 3747602.3, 29.0, 29.0, 0.0); (406794.6, 3747664.1, 29.0, 29.0, 0.0);
(406794.6, 3747673.6, 29.0, 29.0, 0.0); (406794.6, 3747683.1, 29.0, 29.0, 0.0);
(406794.6, 3747692.6, 29.0, 29.0, 0.0); (406794.5, 3747702.1, 29.0, 29.0, 0.0);
(406794.5, 3747711.6, 29.0, 29.0, 0.0); (406794.5, 3747721.0, 29.0, 29.0, 0.0);
(406794.5, 3747730.5, 29.0, 29.0, 0.0); (406794.5, 3747740.0, 29.0, 29.0, 0.0);
(406794.5, 3747749.5, 29.0, 29.0, 0.0); (406794.5, 3747759.0, 29.0, 29.0, 0.0);

(406794.5, 3747768.5, 29.0, 29.0, 0.0); (406794.5,
3747778.0, 29.0, 29.0, 0.0);
(406794.5, 3747787.5, 29.0, 29.0, 0.0); (406794.5,
3747797.0, 29.0, 29.0, 0.0);
(406794.5, 3747806.5, 29.0, 29.0, 0.0); (406793.0,
3747655.8, 29.0, 29.0, 0.0);
(406796.4, 3747647.6, 29.0, 29.0, 0.0); (406799.9,
3747639.3, 29.0, 29.0, 0.0);
(406803.3, 3747631.1, 29.0, 29.0, 0.0); (406806.7,
3747622.8, 29.0, 29.0, 0.0);
(406818.4, 3747611.2, 29.0, 29.0, 0.0); (406826.6,
3747607.8, 29.0, 29.0, 0.0);
(406834.9, 3747604.4, 29.0, 29.0, 0.0); (406843.1,
3747601.0, 29.0, 29.0, 0.0);
(406851.4, 3747597.6, 29.0, 29.0, 0.0); (406789.6,
3747664.1, 29.0, 29.0, 0.0);
(406789.6, 3747673.6, 29.0, 29.0, 0.0); (406789.6,
3747683.1, 29.0, 29.0, 0.0);
(406789.6, 3747692.6, 29.0, 29.0, 0.0); (406789.5,
3747702.1, 29.0, 29.0, 0.0);
(406789.5, 3747711.5, 29.0, 29.0, 0.0); (406789.5,
3747721.0, 29.0, 29.0, 0.0);
(406789.5, 3747730.5, 29.0, 29.0, 0.0); (406789.5,
3747740.0, 29.0, 29.0, 0.0);
(406789.5, 3747749.5, 29.0, 29.0, 0.0); (406789.5,
3747759.0, 29.0, 29.0, 0.0);
(406789.5, 3747768.5, 29.0, 29.0, 0.0); (406789.5,
3747778.0, 29.0, 29.0, 0.0);
(406789.5, 3747787.5, 29.0, 29.0, 0.0); (406789.5,
3747797.0, 29.0, 29.0, 0.0);
(406789.5, 3747806.5, 29.0, 29.0, 0.0); (406787.7,
3747656.5, 29.0, 29.0, 0.0);
(406790.9, 3747648.9, 29.0, 29.0, 0.0); (406794.0,
3747641.4, 29.0, 29.0, 0.0);
(406797.2, 3747633.8, 29.0, 29.0, 0.0); (406800.3,
3747626.2, 29.0, 29.0, 0.0);
(406803.5, 3747618.6, 29.0, 29.0, 0.0); (406814.2,
3747607.9, 29.0, 29.0, 0.0);
(406821.8, 3747604.8, 29.0, 29.0, 0.0); (406829.3,
3747601.7, 29.0, 29.0, 0.0);
(406836.9, 3747598.5, 29.0, 29.0, 0.0); (406844.5,
3747595.4, 29.0, 29.0, 0.0);
(406852.1, 3747592.3, 29.0, 29.0, 0.0); (406784.6,
3747664.1, 29.0, 29.0, 0.0);
(406784.6, 3747673.6, 29.0, 29.0, 0.0); (406784.6,
3747683.1, 29.0, 29.0, 0.0);
(406784.6, 3747692.6, 29.0, 29.0, 0.0); (406784.5,
3747702.0, 29.0, 29.0, 0.0);
(406784.5, 3747711.5, 29.0, 29.0, 0.0); (406784.5,
3747721.0, 29.0, 29.0, 0.0);
(406784.5, 3747730.5, 29.0, 29.0, 0.0); (406784.5,
3747740.0, 29.0, 29.0, 0.0);
(406784.5, 3747749.5, 29.0, 29.0, 0.0); (406784.5,
3747759.0, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406784.5, 3747768.5, 29.0, 29.0, 0.0); (406784.5, 3747778.0, 29.0, 29.0, 0.0);
(406784.5, 3747787.5, 29.0, 29.0, 0.0); (406784.5, 3747797.0, 29.0, 29.0, 0.0);
(406784.5, 3747806.5, 29.0, 29.0, 0.0); (406783.0, 3747656.0, 29.0, 29.0, 0.0);
(406786.3, 3747647.9, 29.0, 29.0, 0.0); (406789.7, 3747639.8, 29.0, 29.0, 0.0);
(406793.0, 3747631.8, 29.0, 29.0, 0.0); (406796.4, 3747623.7, 29.0, 29.0, 0.0);
(406799.7, 3747615.6, 29.0, 29.0, 0.0); (406811.2, 3747604.2, 29.0, 29.0, 0.0);
(406819.2, 3747600.8, 29.0, 29.0, 0.0); (406827.3, 3747597.5, 29.0, 29.0, 0.0);
(406835.4, 3747594.2, 29.0, 29.0, 0.0); (406843.5, 3747590.8, 29.0, 29.0, 0.0);
(406851.6, 3747587.5, 29.0, 29.0, 0.0); (406779.6, 3747664.1, 29.0, 29.0, 0.0);
(406779.6, 3747673.6, 29.0, 29.0, 0.0); (406779.6, 3747683.1, 29.0, 29.0, 0.0);
(406779.6, 3747692.6, 29.0, 29.0, 0.0); (406779.5, 3747702.0, 29.0, 29.0, 0.0);
(406779.5, 3747711.5, 29.0, 29.0, 0.0); (406779.5, 3747721.0, 29.0, 29.0, 0.0);
(406779.5, 3747730.5, 29.0, 29.0, 0.0); (406779.5, 3747740.0, 29.0, 29.0, 0.0);
(406779.5, 3747749.5, 29.0, 29.0, 0.0); (406779.5, 3747759.0, 29.0, 29.0, 0.0);
(406779.5, 3747768.5, 29.0, 29.0, 0.0); (406779.5, 3747778.0, 29.0, 29.0, 0.0);
(406779.5, 3747787.5, 29.0, 29.0, 0.0); (406779.5, 3747797.0, 29.0, 29.0, 0.0);
(406779.5, 3747806.5, 29.0, 29.0, 0.0); (406778.2, 3747655.5, 29.0, 29.0, 0.0);
(406781.7, 3747646.9, 29.0, 29.0, 0.0); (406785.3, 3747638.3, 29.0, 29.0, 0.0);
(406788.8, 3747629.7, 29.0, 29.0, 0.0); (406792.4, 3747621.1, 29.0, 29.0, 0.0);
(406796.0, 3747612.6, 29.0, 29.0, 0.0); (406808.1, 3747600.4, 29.0, 29.0, 0.0);
(406816.7, 3747596.9, 29.0, 29.0, 0.0); (406825.3, 3747593.3, 29.0, 29.0, 0.0);
(406833.9, 3747589.8, 29.0, 29.0, 0.0); (406842.5, 3747586.2, 29.0, 29.0, 0.0);
(406851.1, 3747582.7, 29.0, 29.0, 0.0); (406774.6, 3747664.1, 29.0, 29.0, 0.0);
(406774.6, 3747673.6, 29.0, 29.0, 0.0); (406774.6, 3747683.1, 29.0, 29.0, 0.0);
(406774.6, 3747692.5, 29.0, 29.0, 0.0); (406774.5, 3747702.0, 29.0, 29.0, 0.0);
(406774.5, 3747711.5, 29.0, 29.0, 0.0); (406774.5, 3747721.0, 29.0, 29.0, 0.0);
(406774.5, 3747730.5, 29.0, 29.0, 0.0); (406774.5, 3747740.0, 29.0, 29.0, 0.0);
(406774.5, 3747749.5, 29.0, 29.0, 0.0); (406774.5, 3747759.0, 29.0, 29.0, 0.0);
(406774.5, 3747768.5, 29.0, 29.0, 0.0); (406774.5, 3747778.0, 29.0, 29.0, 0.0);
(406774.5, 3747787.5, 29.0, 29.0, 0.0); (406774.5, 3747797.0, 29.0, 29.0, 0.0);
(406774.5, 3747806.5, 29.0, 29.0, 0.0); (406772.9, 3747656.1, 29.0, 29.0, 0.0);
(406776.2, 3747648.2, 29.0, 29.0, 0.0); (406779.5, 3747640.2, 29.0, 29.0, 0.0);
(406782.8, 3747632.2, 29.0, 29.0, 0.0); (406786.1, 3747624.3, 29.0, 29.0, 0.0);

(406789.4, 3747616.3, 29.0, 29.0, 0.0); (406792.7, 3747608.4, 29.0, 29.0, 0.0);
(406804.0, 3747597.2, 29.0, 29.0, 0.0); (406811.9, 3747593.9, 29.0, 29.0, 0.0);
(406819.9, 3747590.6, 29.0, 29.0, 0.0); (406827.8, 3747587.3, 29.0, 29.0, 0.0);
(406835.8, 3747584.0, 29.0, 29.0, 0.0); (406843.8, 3747580.7, 29.0, 29.0, 0.0);
(406851.7, 3747577.4, 29.0, 29.0, 0.0); (406769.6, 3747664.1, 29.0, 29.0, 0.0);
(406769.6, 3747673.6, 29.0, 29.0, 0.0); (406769.6, 3747683.0, 29.0, 29.0, 0.0);
(406769.6, 3747692.5, 29.0, 29.0, 0.0); (406769.5, 3747702.0, 29.0, 29.0, 0.0);
(406769.5, 3747711.5, 29.0, 29.0, 0.0); (406769.5, 3747721.0, 29.0, 29.0, 0.0);
(406769.5, 3747730.5, 29.0, 29.0, 0.0); (406769.5, 3747740.0, 29.0, 29.0, 0.0);
(406769.5, 3747749.5, 29.0, 29.0, 0.0); (406769.5, 3747759.0, 29.0, 29.0, 0.0);
(406769.5, 3747768.5, 29.0, 29.0, 0.0); (406769.5, 3747778.0, 29.0, 29.0, 0.0);
(406769.5, 3747787.5, 29.0, 29.0, 0.0); (406769.5, 3747797.0, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406769.5, 3747806.5, 29.0, 29.0, 0.0); (406768.1, 3747655.7, 29.0, 29.0, 0.0);
(406771.6, 3747647.3, 29.0, 29.0, 0.0); (406775.0, 3747638.9, 29.0, 29.0, 0.0);
(406778.5, 3747630.5, 29.0, 29.0, 0.0); (406782.0, 3747622.1, 29.0, 29.0, 0.0);
(406785.5, 3747613.7, 29.0, 29.0, 0.0); (406789.0, 3747605.3, 29.0, 29.0, 0.0);
(406800.9, 3747593.4, 29.0, 29.0, 0.0); (406809.3, 3747590.0, 29.0, 29.0, 0.0);
(406817.7, 3747586.5, 29.0, 29.0, 0.0); (406826.1, 3747583.0, 29.0, 29.0, 0.0);
(406834.5, 3747579.6, 29.0, 29.0, 0.0); (406842.9, 3747576.1, 29.0, 29.0, 0.0);
(406851.3, 3747572.6, 29.0, 29.0, 0.0); (406764.6, 3747664.1, 29.0, 29.0, 0.0);
(406764.6, 3747673.5, 29.0, 29.0, 0.0); (406764.6, 3747683.0, 29.0, 29.0, 0.0);
(406764.6, 3747692.5, 29.0, 29.0, 0.0); (406764.5, 3747702.0, 29.0, 29.0, 0.0);
(406764.5, 3747711.5, 29.0, 29.0, 0.0); (406764.5, 3747721.0, 29.0, 29.0, 0.0);
(406764.5, 3747730.5, 29.0, 29.0, 0.0); (406764.5, 3747740.0, 29.0, 29.0, 0.0);
(406764.5, 3747749.5, 29.0, 29.0, 0.0); (406764.5, 3747759.0, 29.0, 29.0, 0.0);
(406764.5, 3747768.5, 29.0, 29.0, 0.0); (406764.5, 3747778.0, 29.0, 29.0, 0.0);
(406764.5, 3747787.5, 29.0, 29.0, 0.0); (406764.5, 3747797.0, 29.0, 29.0, 0.0);

(406764.5, 3747806.5, 29.0, 29.0, 0.0); (406762.8,
3747656.2, 29.0, 29.0, 0.0);
(406766.1, 3747648.3, 29.0, 29.0, 0.0); (406769.4,
3747640.5, 29.0, 29.0, 0.0);
(406772.6, 3747632.6, 29.0, 29.0, 0.0); (406775.9,
3747624.8, 29.0, 29.0, 0.0);
(406779.2, 3747616.9, 29.0, 29.0, 0.0); (406782.4,
3747609.1, 29.0, 29.0, 0.0);
(406785.7, 3747601.2, 29.0, 29.0, 0.0); (406796.8,
3747590.1, 29.0, 29.0, 0.0);
(406804.7, 3747586.9, 29.0, 29.0, 0.0); (406812.5,
3747583.6, 29.0, 29.0, 0.0);
(406820.4, 3747580.4, 29.0, 29.0, 0.0); (406828.2,
3747577.1, 29.0, 29.0, 0.0);
(406836.1, 3747573.9, 29.0, 29.0, 0.0); (406844.0,
3747570.6, 29.0, 29.0, 0.0);
(406851.8, 3747567.4, 29.0, 29.0, 0.0); (406759.6,
3747664.0, 29.0, 29.0, 0.0);
(406759.6, 3747673.5, 29.0, 29.0, 0.0); (406759.6,
3747683.0, 29.0, 29.0, 0.0);
(406759.6, 3747692.5, 29.0, 29.0, 0.0); (406759.5,
3747702.0, 29.0, 29.0, 0.0);
(406759.5, 3747711.5, 29.0, 29.0, 0.0); (406759.5,
3747721.0, 29.0, 29.0, 0.0);
(406759.5, 3747730.5, 29.0, 29.0, 0.0); (406759.5,
3747740.0, 29.0, 29.0, 0.0);
(406759.5, 3747749.5, 29.0, 29.0, 0.0); (406759.5,
3747759.0, 29.0, 29.0, 0.0);
(406759.5, 3747768.5, 29.0, 29.0, 0.0); (406759.5,
3747778.0, 29.0, 29.0, 0.0);
(406759.5, 3747787.5, 29.0, 29.0, 0.0); (406759.5,
3747797.0, 29.0, 29.0, 0.0);
(406759.5, 3747806.5, 29.0, 29.0, 0.0); (406859.5,
3747811.6, 29.0, 29.0, 0.0);
(406868.9, 3747811.6, 29.0, 29.0, 0.0); (406878.4,
3747811.5, 29.0, 29.0, 0.0);
(406887.9, 3747811.5, 29.0, 29.0, 0.0); (406897.4,
3747811.5, 29.0, 29.0, 0.0);
(406906.9, 3747811.5, 29.0, 29.0, 0.0); (406916.4,
3747811.5, 29.0, 29.0, 0.0);
(406925.9, 3747811.5, 29.0, 29.0, 0.0); (406935.3,
3747811.5, 29.0, 29.0, 0.0);
(406944.8, 3747811.5, 29.0, 29.0, 0.0); (406954.3,
3747811.5, 29.0, 29.0, 0.0);
(406963.8, 3747811.5, 29.0, 29.0, 0.0); (406973.3,
3747811.5, 29.0, 29.0, 0.0);
(406982.8, 3747811.4, 29.0, 29.0, 0.0); (406992.3,
3747811.4, 29.0, 29.0, 0.0);
(407001.7, 3747811.4, 29.0, 29.0, 0.0); (406859.5,
3747816.6, 29.0, 29.0, 0.0);
(406869.0, 3747816.6, 29.0, 29.0, 0.0); (406878.4,
3747816.5, 29.0, 29.0, 0.0);
(406887.9, 3747816.5, 29.0, 29.0, 0.0); (406897.4,
3747816.5, 29.0, 29.0, 0.0);
(406906.9, 3747816.5, 29.0, 29.0, 0.0); (406916.4,
3747816.5, 29.0, 29.0, 0.0);
(406925.9, 3747816.5, 29.0, 29.0, 0.0); (406935.3,
3747816.5, 29.0, 29.0, 0.0);
(406944.8, 3747816.5, 29.0, 29.0, 0.0); (406954.3,
3747816.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406963.8, 3747816.5, 29.0, 29.0, 0.0); (406973.3, 3747816.5, 29.0, 29.0, 0.0);
(406982.8, 3747816.4, 29.0, 29.0, 0.0); (406992.3, 3747816.4, 29.0, 29.0, 0.0);
(407001.8, 3747816.4, 29.0, 29.0, 0.0); (406854.1, 3747819.4, 29.0, 29.0, 0.0);
(406846.6, 3747811.9, 29.0, 29.0, 0.0); (406859.5, 3747821.6, 29.0, 29.0, 0.0);
(406869.0, 3747821.6, 29.0, 29.0, 0.0); (406878.4, 3747821.5, 29.0, 29.0, 0.0);
(406887.9, 3747821.5, 29.0, 29.0, 0.0); (406897.4, 3747821.5, 29.0, 29.0, 0.0);
(406906.9, 3747821.5, 29.0, 29.0, 0.0); (406916.4, 3747821.5, 29.0, 29.0, 0.0);
(406925.9, 3747821.5, 29.0, 29.0, 0.0); (406935.3, 3747821.5, 29.0, 29.0, 0.0);
(406944.8, 3747821.5, 29.0, 29.0, 0.0); (406954.3, 3747821.5, 29.0, 29.0, 0.0);
(406963.8, 3747821.5, 29.0, 29.0, 0.0); (406973.3, 3747821.5, 29.0, 29.0, 0.0);
(406982.8, 3747821.4, 29.0, 29.0, 0.0); (406992.3, 3747821.4, 29.0, 29.0, 0.0);
(407001.8, 3747821.4, 29.0, 29.0, 0.0); (406852.4, 3747823.6, 29.0, 29.0, 0.0);
(406842.4, 3747813.6, 29.0, 29.0, 0.0); (406859.5, 3747826.6, 29.0, 29.0, 0.0);
(406869.0, 3747826.6, 29.0, 29.0, 0.0); (406878.4, 3747826.5, 29.0, 29.0, 0.0);
(406887.9, 3747826.5, 29.0, 29.0, 0.0); (406897.4, 3747826.5, 29.0, 29.0, 0.0);
(406906.9, 3747826.5, 29.0, 29.0, 0.0); (406916.4, 3747826.5, 29.0, 29.0, 0.0);
(406925.9, 3747826.5, 29.0, 29.0, 0.0); (406935.4, 3747826.5, 29.0, 29.0, 0.0);
(406944.8, 3747826.5, 29.0, 29.0, 0.0); (406954.3, 3747826.5, 29.0, 29.0, 0.0);
(406963.8, 3747826.5, 29.0, 29.0, 0.0); (406973.3, 3747826.5, 29.0, 29.0, 0.0);
(406982.8, 3747826.4, 29.0, 29.0, 0.0); (406992.3, 3747826.4, 29.0, 29.0, 0.0);
(407001.8, 3747826.4, 29.0, 29.0, 0.0); (406853.6, 3747829.1, 29.0, 29.0, 0.0);
(406847.7, 3747826.7, 29.0, 29.0, 0.0); (406839.3, 3747818.3, 29.0, 29.0, 0.0);
(406836.9, 3747812.4, 29.0, 29.0, 0.0); (406859.5, 3747831.6, 29.0, 29.0, 0.0);
(406869.0, 3747831.6, 29.0, 29.0, 0.0); (406878.5, 3747831.5, 29.0, 29.0, 0.0);
(406887.9, 3747831.5, 29.0, 29.0, 0.0); (406897.4, 3747831.5, 29.0, 29.0, 0.0);
(406906.9, 3747831.5, 29.0, 29.0, 0.0); (406916.4, 3747831.5, 29.0, 29.0, 0.0);
(406925.9, 3747831.5, 29.0, 29.0, 0.0); (406935.4, 3747831.5, 29.0, 29.0, 0.0);
(406944.8, 3747831.5, 29.0, 29.0, 0.0); (406954.3, 3747831.5, 29.0, 29.0, 0.0);
(406963.8, 3747831.5, 29.0, 29.0, 0.0); (406973.3, 3747831.5, 29.0, 29.0, 0.0);
(406982.8, 3747831.4, 29.0, 29.0, 0.0); (406992.3, 3747831.4, 29.0, 29.0, 0.0);

(407001.8, 3747831.4, 29.0, 29.0, 0.0); (406852.4, 3747833.6, 29.0, 29.0, 0.0);
(406845.3, 3747830.7, 29.0, 29.0, 0.0); (406835.3, 3747820.7, 29.0, 29.0, 0.0);
(406832.4, 3747813.6, 29.0, 29.0, 0.0); (406859.5, 3747836.6, 29.0, 29.0, 0.0);
(406869.0, 3747836.6, 29.0, 29.0, 0.0); (406878.5, 3747836.5, 29.0, 29.0, 0.0);
(406887.9, 3747836.5, 29.0, 29.0, 0.0); (406897.4, 3747836.5, 29.0, 29.0, 0.0);
(406906.9, 3747836.5, 29.0, 29.0, 0.0); (406916.4, 3747836.5, 29.0, 29.0, 0.0);
(406925.9, 3747836.5, 29.0, 29.0, 0.0); (406935.4, 3747836.5, 29.0, 29.0, 0.0);
(406944.8, 3747836.5, 29.0, 29.0, 0.0); (406954.3, 3747836.5, 29.0, 29.0, 0.0);
(406963.8, 3747836.5, 29.0, 29.0, 0.0); (406973.3, 3747836.5, 29.0, 29.0, 0.0);
(406982.8, 3747836.4, 29.0, 29.0, 0.0); (406992.3, 3747836.4, 29.0, 29.0, 0.0);
(407001.8, 3747836.4, 29.0, 29.0, 0.0); (406851.2, 3747838.1, 29.0, 29.0, 0.0);
(406843.0, 3747834.7, 29.0, 29.0, 0.0); (406831.3, 3747823.1, 29.0, 29.0, 0.0);
(406827.9, 3747814.8, 29.0, 29.0, 0.0); (406859.5, 3747841.6, 29.0, 29.0, 0.0);
(406869.0, 3747841.6, 29.0, 29.0, 0.0); (406878.5, 3747841.5, 29.0, 29.0, 0.0);
(406887.9, 3747841.5, 29.0, 29.0, 0.0); (406897.4, 3747841.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406906.9, 3747841.5, 29.0, 29.0, 0.0); (406916.4, 3747841.5, 29.0, 29.0, 0.0);
(406925.9, 3747841.5, 29.0, 29.0, 0.0); (406935.4, 3747841.5, 29.0, 29.0, 0.0);
(406944.9, 3747841.5, 29.0, 29.0, 0.0); (406954.3, 3747841.5, 29.0, 29.0, 0.0);
(406963.8, 3747841.5, 29.0, 29.0, 0.0); (406973.3, 3747841.5, 29.0, 29.0, 0.0);
(406982.8, 3747841.4, 29.0, 29.0, 0.0); (406992.3, 3747841.4, 29.0, 29.0, 0.0);
(407001.8, 3747841.4, 29.0, 29.0, 0.0); (406852.4, 3747843.6, 29.0, 29.0, 0.0);
(406845.3, 3747840.7, 29.0, 29.0, 0.0); (406838.2, 3747837.8, 29.0, 29.0, 0.0);
(406828.2, 3747827.8, 29.0, 29.0, 0.0); (406825.3, 3747820.7, 29.0, 29.0, 0.0);
(406822.4, 3747813.6, 29.0, 29.0, 0.0); (406859.5, 3747846.6, 29.0, 29.0, 0.0);
(406869.0, 3747846.6, 29.0, 29.0, 0.0); (406878.5, 3747846.5, 29.0, 29.0, 0.0);
(406888.0, 3747846.5, 29.0, 29.0, 0.0); (406897.4, 3747846.5, 29.0, 29.0, 0.0);
(406906.9, 3747846.5, 29.0, 29.0, 0.0); (406916.4, 3747846.5, 29.0, 29.0, 0.0);

(406925.9, 3747846.5, 29.0, 29.0, 0.0); (406935.4, 3747846.5, 29.0, 29.0, 0.0);
(406944.9, 3747846.5, 29.0, 29.0, 0.0); (406954.3, 3747846.5, 29.0, 29.0, 0.0);
(406963.8, 3747846.5, 29.0, 29.0, 0.0); (406973.3, 3747846.5, 29.0, 29.0, 0.0);
(406982.8, 3747846.4, 29.0, 29.0, 0.0); (406992.3, 3747846.4, 29.0, 29.0, 0.0);
(407001.8, 3747846.4, 29.0, 29.0, 0.0); (406851.5, 3747848.3, 29.0, 29.0, 0.0);
(406843.6, 3747845.0, 29.0, 29.0, 0.0); (406835.6, 3747841.7, 29.0, 29.0, 0.0);
(406824.3, 3747830.4, 29.0, 29.0, 0.0); (406821.0, 3747822.5, 29.0, 29.0, 0.0);
(406817.8, 3747814.5, 29.0, 29.0, 0.0); (406859.5, 3747851.6, 29.0, 29.0, 0.0);
(406869.0, 3747851.6, 29.0, 29.0, 0.0); (406878.5, 3747851.5, 29.0, 29.0, 0.0);
(406888.0, 3747851.5, 29.0, 29.0, 0.0); (406897.4, 3747851.5, 29.0, 29.0, 0.0);
(406906.9, 3747851.5, 29.0, 29.0, 0.0); (406916.4, 3747851.5, 29.0, 29.0, 0.0);
(406925.9, 3747851.5, 29.0, 29.0, 0.0); (406935.4, 3747851.5, 29.0, 29.0, 0.0);
(406944.9, 3747851.5, 29.0, 29.0, 0.0); (406954.3, 3747851.5, 29.0, 29.0, 0.0);
(406963.8, 3747851.5, 29.0, 29.0, 0.0); (406973.3, 3747851.5, 29.0, 29.0, 0.0);
(406982.8, 3747851.4, 29.0, 29.0, 0.0); (406992.3, 3747851.4, 29.0, 29.0, 0.0);
(407001.8, 3747851.4, 29.0, 29.0, 0.0); (406852.4, 3747853.6, 29.0, 29.0, 0.0);
(406845.3, 3747850.7, 29.0, 29.0, 0.0); (406838.3, 3747847.8, 29.0, 29.0, 0.0);
(406831.2, 3747844.8, 29.0, 29.0, 0.0); (406821.2, 3747834.8, 29.0, 29.0, 0.0);
(406818.2, 3747827.8, 29.0, 29.0, 0.0); (406815.3, 3747820.7, 29.0, 29.0, 0.0);
(406812.4, 3747813.6, 29.0, 29.0, 0.0); (406859.5, 3747856.6, 29.0, 29.0, 0.0);
(406869.0, 3747856.6, 29.0, 29.0, 0.0); (406878.5, 3747856.5, 29.0, 29.0, 0.0);
(406888.0, 3747856.5, 29.0, 29.0, 0.0); (406897.4, 3747856.5, 29.0, 29.0, 0.0);
(406906.9, 3747856.5, 29.0, 29.0, 0.0); (406916.4, 3747856.5, 29.0, 29.0, 0.0);
(406925.9, 3747856.5, 29.0, 29.0, 0.0); (406935.4, 3747856.5, 29.0, 29.0, 0.0);
(406944.9, 3747856.5, 29.0, 29.0, 0.0); (406954.4, 3747856.5, 29.0, 29.0, 0.0);
(406963.8, 3747856.5, 29.0, 29.0, 0.0); (406973.3, 3747856.5, 29.0, 29.0, 0.0);
(406982.8, 3747856.4, 29.0, 29.0, 0.0); (406992.3, 3747856.4, 29.0, 29.0, 0.0);
(407001.8, 3747856.4, 29.0, 29.0, 0.0); (406851.7, 3747858.3, 29.0, 29.0, 0.0);
(406843.9, 3747855.1, 29.0, 29.0, 0.0); (406836.1, 3747851.9, 29.0, 29.0, 0.0);
(406828.3, 3747848.7, 29.0, 29.0, 0.0); (406817.3, 3747837.7, 29.0, 29.0, 0.0);
(406814.1, 3747829.9, 29.0, 29.0, 0.0); (406810.9, 3747822.1, 29.0, 29.0, 0.0);
(406807.7, 3747814.3, 29.0, 29.0, 0.0); (406859.5, 3747861.6, 29.0, 29.0, 0.0);
(406869.0, 3747861.6, 29.0, 29.0, 0.0); (406878.5, 3747861.5, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

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

(406888.0, 3747861.5, 29.0, 29.0, 0.0); (406897.5, 3747861.5, 29.0, 29.0, 0.0);
(406906.9, 3747861.5, 29.0, 29.0, 0.0); (406916.4, 3747861.5, 29.0, 29.0, 0.0);
(406925.9, 3747861.5, 29.0, 29.0, 0.0); (406935.4, 3747861.5, 29.0, 29.0, 0.0);
(406944.9, 3747861.5, 29.0, 29.0, 0.0); (406954.4, 3747861.5, 29.0, 29.0, 0.0);
(406963.8, 3747861.5, 29.0, 29.0, 0.0); (406973.3, 3747861.5, 29.0, 29.0, 0.0);
(406982.8, 3747861.4, 29.0, 29.0, 0.0); (406992.3, 3747861.4, 29.0, 29.0, 0.0);
(407001.8, 3747861.4, 29.0, 29.0, 0.0); (406851.0, 3747863.1, 29.0, 29.0, 0.0);
(406834.0, 3747856.0, 29.0, 29.0, 0.0); (406825.5, 3747852.5, 29.0, 29.0, 0.0);
(406813.5, 3747840.5, 29.0, 29.0, 0.0); (406810.0, 3747832.0, 29.0, 29.0, 0.0);
(406806.5, 3747823.5, 29.0, 29.0, 0.0); (406803.0, 3747815.0, 29.0, 29.0, 0.0);
(406859.5, 3747866.6, 29.0, 29.0, 0.0); (406869.0, 3747866.6, 29.0, 29.0, 0.0);
(406878.5, 3747866.5, 29.0, 29.0, 0.0); (406888.0, 3747866.5, 29.0, 29.0, 0.0);
(406897.5, 3747866.5, 29.0, 29.0, 0.0); (406906.9, 3747866.5, 29.0, 29.0, 0.0);
(406916.4, 3747866.5, 29.0, 29.0, 0.0); (406925.9, 3747866.5, 29.0, 29.0, 0.0);
(406935.4, 3747866.5, 29.0, 29.0, 0.0); (406944.9, 3747866.5, 29.0, 29.0, 0.0);
(406954.4, 3747866.5, 29.0, 29.0, 0.0); (406963.9, 3747866.5, 29.0, 29.0, 0.0);
(406973.3, 3747866.5, 29.0, 29.0, 0.0); (406982.8, 3747866.4, 29.0, 29.0, 0.0);
(406992.3, 3747866.4, 29.0, 29.0, 0.0); (407001.8, 3747866.4, 29.0, 29.0, 0.0);
(406851.8, 3747868.4, 29.0, 29.0, 0.0); (406844.2, 3747865.2, 29.0, 29.0, 0.0);
(406836.5, 3747862.0, 29.0, 29.0, 0.0); (406828.8, 3747858.9, 29.0, 29.0, 0.0);
(406821.2, 3747855.7, 29.0, 29.0, 0.0); (406810.3, 3747844.9, 29.0, 29.0, 0.0);
(406807.1, 3747837.2, 29.0, 29.0, 0.0); (406804.0, 3747829.5, 29.0, 29.0, 0.0);
(406800.8, 3747821.8, 29.0, 29.0, 0.0); (406797.6, 3747814.2, 29.0, 29.0, 0.0);
(406859.5, 3747871.6, 29.0, 29.0, 0.0); (406869.0, 3747871.6, 29.0, 29.0, 0.0);
(406878.5, 3747871.5, 29.0, 29.0, 0.0); (406888.0, 3747871.5, 29.0, 29.0, 0.0);
(406897.5, 3747871.5, 29.0, 29.0, 0.0); (406906.9, 3747871.5, 29.0, 29.0, 0.0);
(406916.4, 3747871.5, 29.0, 29.0, 0.0); (406925.9, 3747871.5, 29.0, 29.0, 0.0);

(406935.4, 3747871.5, 29.0, 29.0, 0.0); (406944.9, 3747871.5, 29.0, 29.0, 0.0);
(406954.4, 3747871.5, 29.0, 29.0, 0.0); (406963.9, 3747871.5, 29.0, 29.0, 0.0);
(406973.3, 3747871.5, 29.0, 29.0, 0.0); (406982.8, 3747871.4, 29.0, 29.0, 0.0);
(406992.3, 3747871.4, 29.0, 29.0, 0.0); (407001.8, 3747871.4, 29.0, 29.0, 0.0);
(406851.3, 3747873.1, 29.0, 29.0, 0.0); (406843.0, 3747869.7, 29.0, 29.0, 0.0);
(406834.7, 3747866.3, 29.0, 29.0, 0.0); (406826.5, 3747862.9, 29.0, 29.0, 0.0);
(406818.2, 3747859.5, 29.0, 29.0, 0.0); (406806.5, 3747847.8, 29.0, 29.0, 0.0);
(406803.1, 3747839.5, 29.0, 29.0, 0.0); (406799.7, 3747831.3, 29.0, 29.0, 0.0);
(406796.3, 3747823.0, 29.0, 29.0, 0.0); (406792.9, 3747814.8, 29.0, 29.0, 0.0);
(406859.5, 3747876.6, 29.0, 29.0, 0.0); (406869.0, 3747876.6, 29.0, 29.0, 0.0);
(406878.5, 3747876.5, 29.0, 29.0, 0.0); (406888.0, 3747876.5, 29.0, 29.0, 0.0);
(406897.5, 3747876.5, 29.0, 29.0, 0.0); (406907.0, 3747876.5, 29.0, 29.0, 0.0);
(406916.4, 3747876.5, 29.0, 29.0, 0.0); (406925.9, 3747876.5, 29.0, 29.0, 0.0);
(406935.4, 3747876.5, 29.0, 29.0, 0.0); (406944.9, 3747876.5, 29.0, 29.0, 0.0);
(406954.4, 3747876.5, 29.0, 29.0, 0.0); (406963.9, 3747876.5, 29.0, 29.0, 0.0);
(406973.3, 3747876.5, 29.0, 29.0, 0.0); (406982.8, 3747876.4, 29.0, 29.0, 0.0);
(406992.3, 3747876.4, 29.0, 29.0, 0.0); (407001.8, 3747876.4, 29.0, 29.0, 0.0);
(406851.9, 3747878.4, 29.0, 29.0, 0.0); (406844.3, 3747875.3, 29.0, 29.0, 0.0);

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

(406836.8, 3747872.2, 29.0, 29.0, 0.0); (406829.2, 3747869.0, 29.0, 29.0, 0.0);
(406821.6, 3747865.9, 29.0, 29.0, 0.0); (406814.0, 3747862.7, 29.0, 29.0, 0.0);
(406803.3, 3747852.0, 29.0, 29.0, 0.0); (406800.1, 3747844.4, 29.0, 29.0, 0.0);
(406797.0, 3747836.8, 29.0, 29.0, 0.0); (406793.9, 3747829.3, 29.0, 29.0, 0.0);
(406790.7, 3747821.7, 29.0, 29.0, 0.0); (406787.6, 3747814.1, 29.0, 29.0, 0.0);
(406859.5, 3747881.6, 29.0, 29.0, 0.0); (406869.0, 3747881.6, 29.0, 29.0, 0.0);
(406878.5, 3747881.5, 29.0, 29.0, 0.0); (406888.0, 3747881.5, 29.0, 29.0, 0.0);
(406897.5, 3747881.5, 29.0, 29.0, 0.0); (406907.0, 3747881.5, 29.0, 29.0, 0.0);
(406916.4, 3747881.5, 29.0, 29.0, 0.0); (406925.9, 3747881.5, 29.0, 29.0, 0.0);

(406935.4, 3747881.5, 29.0, 29.0, 0.0); (406944.9, 3747881.5, 29.0, 29.0, 0.0);
(406954.4, 3747881.5, 29.0, 29.0, 0.0); (406963.9, 3747881.5, 29.0, 29.0, 0.0);
(406973.4, 3747881.5, 29.0, 29.0, 0.0); (406982.8, 3747881.4, 29.0, 29.0, 0.0);
(406992.3, 3747881.4, 29.0, 29.0, 0.0); (407001.8, 3747881.4, 29.0, 29.0, 0.0);
(406851.4, 3747883.2, 29.0, 29.0, 0.0); (406843.3, 3747879.9, 29.0, 29.0, 0.0);
(406835.2, 3747876.5, 29.0, 29.0, 0.0); (406827.2, 3747873.2, 29.0, 29.0, 0.0);
(406819.1, 3747869.8, 29.0, 29.0, 0.0); (406811.0, 3747866.5, 29.0, 29.0, 0.0);
(406799.5, 3747855.0, 29.0, 29.0, 0.0); (406796.2, 3747846.9, 29.0, 29.0, 0.0);
(406792.8, 3747838.9, 29.0, 29.0, 0.0); (406789.5, 3747830.8, 29.0, 29.0, 0.0);
(406786.1, 3747822.7, 29.0, 29.0, 0.0); (406782.8, 3747814.6, 29.0, 29.0, 0.0);
(406859.5, 3747886.6, 29.0, 29.0, 0.0); (406869.0, 3747886.6, 29.0, 29.0, 0.0);
(406878.5, 3747886.5, 29.0, 29.0, 0.0); (406888.0, 3747886.5, 29.0, 29.0, 0.0);
(406897.5, 3747886.5, 29.0, 29.0, 0.0); (406907.0, 3747886.5, 29.0, 29.0, 0.0);
(406916.4, 3747886.5, 29.0, 29.0, 0.0); (406925.9, 3747886.5, 29.0, 29.0, 0.0);
(406935.4, 3747886.5, 29.0, 29.0, 0.0); (406944.9, 3747886.5, 29.0, 29.0, 0.0);
(406954.4, 3747886.5, 29.0, 29.0, 0.0); (406963.9, 3747886.5, 29.0, 29.0, 0.0);
(406973.4, 3747886.5, 29.0, 29.0, 0.0); (406982.8, 3747886.4, 29.0, 29.0, 0.0);
(406992.3, 3747886.4, 29.0, 29.0, 0.0); (407001.8, 3747886.4, 29.0, 29.0, 0.0);
(406850.9, 3747888.0, 29.0, 29.0, 0.0); (406842.3, 3747884.5, 29.0, 29.0, 0.0);
(406833.7, 3747880.9, 29.0, 29.0, 0.0); (406816.5, 3747873.8, 29.0, 29.0, 0.0);
(406807.9, 3747870.2, 29.0, 29.0, 0.0); (406795.8, 3747858.1, 29.0, 29.0, 0.0);
(406792.2, 3747849.5, 29.0, 29.0, 0.0); (406788.7, 3747840.9, 29.0, 29.0, 0.0);
(406785.1, 3747832.3, 29.0, 29.0, 0.0); (406781.6, 3747823.7, 29.0, 29.0, 0.0);
(406778.0, 3747815.1, 29.0, 29.0, 0.0); (406859.5, 3747891.6, 29.0, 29.0, 0.0);
(406869.0, 3747891.6, 29.0, 29.0, 0.0); (406878.5, 3747891.5, 29.0, 29.0, 0.0);
(406888.0, 3747891.5, 29.0, 29.0, 0.0); (406897.5, 3747891.5, 29.0, 29.0, 0.0);
(406907.0, 3747891.5, 29.0, 29.0, 0.0); (406916.5, 3747891.5, 29.0, 29.0, 0.0);
(406925.9, 3747891.5, 29.0, 29.0, 0.0); (406935.4, 3747891.5, 29.0, 29.0, 0.0);
(406944.9, 3747891.5, 29.0, 29.0, 0.0); (406954.4, 3747891.5, 29.0, 29.0, 0.0);
(406963.9, 3747891.5, 29.0, 29.0, 0.0); (406973.4, 3747891.5, 29.0, 29.0, 0.0);
(406982.8, 3747891.4, 29.0, 29.0, 0.0); (406992.3, 3747891.4, 29.0, 29.0, 0.0);
(407001.8, 3747891.4, 29.0, 29.0, 0.0); (406851.6, 3747893.3, 29.0, 29.0, 0.0);
(406843.6, 3747890.0, 29.0, 29.0, 0.0); (406835.6, 3747886.7, 29.0, 29.0, 0.0);

(406827.7, 3747883.4, 29.0, 29.0, 0.0); (406819.7, 3747880.1, 29.0, 29.0, 0.0);
(406811.7, 3747876.8, 29.0, 29.0, 0.0); (406803.8, 3747873.5, 29.0, 29.0, 0.0);
(406792.5, 3747862.2, 29.0, 29.0, 0.0); (406789.2, 3747854.3, 29.0, 29.0, 0.0);

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

(406785.9, 3747846.3, 29.0, 29.0, 0.0); (406782.6, 3747838.3, 29.0, 29.0, 0.0);
(406779.3, 3747830.4, 29.0, 29.0, 0.0); (406776.0, 3747822.4, 29.0, 29.0, 0.0);
(406772.8, 3747814.4, 29.0, 29.0, 0.0); (406859.5, 3747896.6, 29.0, 29.0, 0.0);
(406869.0, 3747896.6, 29.0, 29.0, 0.0); (406878.5, 3747896.5, 29.0, 29.0, 0.0);
(406888.0, 3747896.5, 29.0, 29.0, 0.0); (406897.5, 3747896.5, 29.0, 29.0, 0.0);
(406907.0, 3747896.5, 29.0, 29.0, 0.0); (406916.5, 3747896.5, 29.0, 29.0, 0.0);
(406925.9, 3747896.5, 29.0, 29.0, 0.0); (406935.4, 3747896.5, 29.0, 29.0, 0.0);
(406944.9, 3747896.5, 29.0, 29.0, 0.0); (406954.4, 3747896.5, 29.0, 29.0, 0.0);
(406963.9, 3747896.5, 29.0, 29.0, 0.0); (406973.4, 3747896.5, 29.0, 29.0, 0.0);
(406982.9, 3747896.4, 29.0, 29.0, 0.0); (406992.3, 3747896.4, 29.0, 29.0, 0.0);
(407001.8, 3747896.4, 29.0, 29.0, 0.0); (406851.1, 3747898.1, 29.0, 29.0, 0.0);
(406842.7, 3747894.6, 29.0, 29.0, 0.0); (406834.3, 3747891.1, 29.0, 29.0, 0.0);
(406825.9, 3747887.7, 29.0, 29.0, 0.0); (406817.5, 3747884.2, 29.0, 29.0, 0.0);
(406809.1, 3747880.7, 29.0, 29.0, 0.0); (406800.7, 3747877.2, 29.0, 29.0, 0.0);
(406788.8, 3747865.3, 29.0, 29.0, 0.0); (406785.3, 3747856.9, 29.0, 29.0, 0.0);
(406781.8, 3747848.5, 29.0, 29.0, 0.0); (406778.4, 3747840.1, 29.0, 29.0, 0.0);
(406774.9, 3747831.7, 29.0, 29.0, 0.0); (406771.4, 3747823.3, 29.0, 29.0, 0.0);
(406767.9, 3747814.9, 29.0, 29.0, 0.0); (406859.5, 3747901.6, 29.0, 29.0, 0.0);
(406869.0, 3747901.6, 29.0, 29.0, 0.0); (406878.5, 3747901.5, 29.0, 29.0, 0.0);
(406888.0, 3747901.5, 29.0, 29.0, 0.0); (406897.5, 3747901.5, 29.0, 29.0, 0.0);
(406907.0, 3747901.5, 29.0, 29.0, 0.0); (406916.5, 3747901.5, 29.0, 29.0, 0.0);
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(406944.9, 3747901.5, 29.0, 29.0, 0.0); (406954.4, 3747901.5, 29.0, 29.0, 0.0);
(406963.9, 3747901.5, 29.0, 29.0, 0.0); (406973.4, 3747901.5, 29.0, 29.0, 0.0);

(406982.9, 3747901.4, 29.0, 29.0, 0.0); (406992.3, 3747901.4, 29.0, 29.0, 0.0);
(407001.8, 3747901.4, 29.0, 29.0, 0.0); (406851.7, 3747903.3, 29.0, 29.0, 0.0);
(406843.8, 3747900.1, 29.0, 29.0, 0.0); (406836.0, 3747896.8, 29.0, 29.0, 0.0);
(406828.1, 3747893.5, 29.0, 29.0, 0.0); (406820.2, 3747890.3, 29.0, 29.0, 0.0);
(406812.3, 3747887.0, 29.0, 29.0, 0.0); (406804.5, 3747883.8, 29.0, 29.0, 0.0);
(406796.6, 3747880.5, 29.0, 29.0, 0.0); (406785.5, 3747869.4, 29.0, 29.0, 0.0);
(406782.2, 3747861.5, 29.0, 29.0, 0.0); (406779.0, 3747853.7, 29.0, 29.0, 0.0);
(406775.7, 3747845.8, 29.0, 29.0, 0.0); (406772.5, 3747837.9, 29.0, 29.0, 0.0);
(406769.2, 3747830.1, 29.0, 29.0, 0.0); (406766.0, 3747822.2, 29.0, 29.0, 0.0);
(406762.7, 3747814.3, 29.0, 29.0, 0.0); (406859.5, 3747906.6, 29.0, 29.0, 0.0);
(406869.0, 3747906.6, 29.0, 29.0, 0.0); (406878.5, 3747906.5, 29.0, 29.0, 0.0);
(406888.0, 3747906.5, 29.0, 29.0, 0.0); (406897.5, 3747906.5, 29.0, 29.0, 0.0);
(406907.0, 3747906.5, 29.0, 29.0, 0.0); (406916.5, 3747906.5, 29.0, 29.0, 0.0);
(406926.0, 3747906.5, 29.0, 29.0, 0.0); (406935.4, 3747906.5, 29.0, 29.0, 0.0);
(406944.9, 3747906.5, 29.0, 29.0, 0.0); (406954.4, 3747906.5, 29.0, 29.0, 0.0);
(406963.9, 3747906.5, 29.0, 29.0, 0.0); (406973.4, 3747906.5, 29.0, 29.0, 0.0);
(406982.9, 3747906.4, 29.0, 29.0, 0.0); (406992.3, 3747906.4, 29.0, 29.0, 0.0);
(407001.8, 3747906.4, 29.0, 29.0, 0.0); (406859.5, 3747806.6, 29.0, 29.0, 0.0);
(407001.7, 3747806.4, 29.0, 29.0, 0.0); (407001.9, 3747664.3, 29.0, 29.0, 0.0);
(406859.6, 3747664.1, 29.0, 29.0, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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: NonDFAULT CONC FLAT URBAN ADJ_U*

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

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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 WD	WS HT	REF TA	HT
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0

```
 12 01 01   1 13  187.4  0.210  1.777  0.005 1088.  231.     -4.5  0.26   2.61   0.20    1.20
 227.   10.1  300.4    2.0
 12 01 01   1 14  160.3  0.235  1.833  0.005 1395.  274.     -7.4  0.26   2.61   0.21    1.47
 233.   10.1  300.9    2.0
 12 01 01   1 15  109.1  0.197  1.662  0.005 1527.  210.     -6.3  0.26   2.61   0.25    1.20
 233.   10.1  302.0    2.0
 12 01 01   1 16   33.3  0.243  1.125  0.005 1548.  288.    -39.2  0.26   2.61   0.33    1.91
 229.   10.1  298.1    2.0
 12 01 01   1 17   -9.1  0.141 -9.000 -9.000 -999.  132.     28.3  0.26   2.61   0.60    1.37
 212.   10.1  294.2    2.0
 12 01 01   1 18   -4.3  0.094 -9.000 -9.000 -999.   69.     17.5  0.26   2.61   1.00    0.91
 190.   10.1  292.0    2.0
 12 01 01   1 19   -2.8  0.079 -9.000 -9.000 -999.   54.     16.3  0.26   2.61   1.00    0.70
 302.   10.1  289.2    2.0
 12 01 01   1 20   -4.0  0.091 -9.000 -9.000 -999.   65.     17.0  0.26   2.61   1.00    0.87
 338.   10.1  288.1    2.0
 12 01 01   1 21   -6.3  0.113 -9.000 -9.000 -999.   91.     20.5  0.26   2.61   1.00    1.11
 304.   10.1  287.0    2.0
 12 01 01   1 22   -3.1  0.082 -9.000 -9.000 -999.   57.     16.3  0.26   2.61   1.00    0.75
 76.   10.1  285.4    2.0
 12 01 01   1 23   -2.4  0.076 -9.000 -9.000 -999.   50.     16.7  0.26   2.61   1.00    0.62
 306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26   2.61   1.00    0.82
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***       16:20:29

                     PAGE  29
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

407006.86 3747673.77 0.00335 407006.87
3747664.29 0.00283
407011.74 3747806.44 0.00585 407011.75
3747796.96 0.00639
407011.76 3747787.49 0.00693 407011.77
3747778.01 0.00742
407011.77 3747768.54 0.00783 407011.78
3747759.06 0.00810
407011.79 3747749.58 0.00815 407011.80
3747740.11 0.00796
407011.81 3747730.63 0.00749 407011.82
3747721.16 0.00678
407011.83 3747711.68 0.00591 407011.84
3747702.20 0.00504
407011.84 3747692.73 0.00427 407011.85
3747683.25 0.00362
407011.86 3747673.78 0.00309 407011.87
3747664.30 0.00263
407014.54 3747811.74 0.00534 407007.05
3747819.23 0.00546
407016.74 3747806.44 0.00543 407016.75
3747796.97 0.00587
407016.76 3747787.49 0.00630 407016.77
3747778.02 0.00668
407016.77 3747768.54 0.00698 407016.78
3747759.06 0.00715
407016.79 3747749.59 0.00714 407016.80
3747740.11 0.00694
407016.81 3747730.64 0.00653 407016.82
3747721.16 0.00593
407016.83 3747711.68 0.00523 407016.84
3747702.21 0.00451
407016.84 3747692.73 0.00387 407016.85
3747683.26 0.00332
407016.86 3747673.78 0.00285 407016.87
3747664.30 0.00245
407018.81 3747813.51 0.00495 407008.82
3747823.50 0.00511
407021.74 3747806.45 0.00502 407021.75
3747796.97 0.00539
407021.76 3747787.50 0.00573 407021.77
3747778.02 0.00602
407021.77 3747768.54 0.00623 407021.78
3747759.07 0.00633
407021.79 3747749.59 0.00628 407021.80
3747740.12 0.00608
407021.81 3747730.64 0.00571 407021.82
3747721.16 0.00522
407021.83 3747711.69 0.00464 407021.84
3747702.21 0.00405
407021.84 3747692.74 0.00351 407021.85
3747683.26 0.00304
407021.86 3747673.78 0.00264 407021.87
3747664.31 0.00229
407024.30 3747812.34 0.00462 407021.86
3747818.22 0.00456
407013.53 3747826.55 0.00468 407007.65
3747828.99 0.00487
407026.74 3747806.45 0.00465 407026.75
3747796.98 0.00495
407026.76 3747787.50 0.00521 407026.77
3747778.02 0.00543
407026.77 3747768.55 0.00558 407026.78
3747759.07 0.00562
407026.79 3747749.60 0.00555 407026.80
3747740.12 0.00535

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407026.81	3747730.64	0.00503	407026.82	3747721.17	0.00461
407026.83	3747711.69	0.00413	407026.84	3747702.22	0.00365
407026.84	3747692.74	0.00319	407026.85	3747683.26	0.00279
407026.86	3747673.79	0.00244	407026.87	3747664.31	0.00213
407028.81	3747813.52	0.00429	407025.88	3747820.58	0.00424
407015.89	3747830.57	0.00438	407008.83	3747833.50	0.00458
407031.74	3747806.46	0.00430	407031.75	3747796.98	0.00454
407031.76	3747787.51	0.00475	407031.77	3747778.03	0.00491
407031.77	3747768.55	0.00500	407031.78	3747759.08	0.00501
407031.79	3747749.60	0.00492	407031.80	3747740.13	0.00473
407031.81	3747730.65	0.00445	407031.82	3747721.17	0.00409
407031.83	3747711.70	0.00370	407031.84	3747702.22	0.00329
407031.84	3747692.75	0.00291	407031.85	3747683.27	0.00257
407031.86	3747673.79	0.00226	407031.87	3747664.32	0.00199
407033.32	3747814.70	0.00399	407029.91	3747822.94	0.00394
407018.25	3747834.60	0.00410	407010.01	3747838.01	0.00431
407036.74	3747806.46	0.00398	407036.75	3747796.99	0.00417
407036.76	3747787.51	0.00433	407036.77	3747778.03	0.00444
407036.77	3747768.56	0.00450	407036.78	3747759.08	0.00448
407036.79	3747749.61	0.00438	407036.80	3747740.13	0.00420
407036.81	3747730.65	0.00395	407036.82	3747721.18	0.00365
407036.83	3747711.70	0.00332	407036.84	3747702.23	0.00298
407036.84	3747692.75	0.00266	407036.85		

3747683.27	0.00236		
407036.86	3747673.80	0.00210	407036.87
3747664.32	0.00186		
407038.81	3747813.53	0.00371	407035.88
3747820.59	0.00370		
407032.95	3747827.65	0.00366	407022.96
3747837.64	0.00379		
407015.90	3747840.57	0.00397	407008.84
3747843.50	0.00411		
407041.74	3747806.47	0.00368	407041.75
3747796.99	0.00383		
407041.76	3747787.51	0.00395	407041.77
3747778.04	0.00403		
407041.77	3747768.56	0.00406	407041.78
3747759.09	0.00402		
407041.79	3747749.61	0.00392	407041.80
3747740.13	0.00375		
407041.81	3747730.66	0.00353	407041.82
3747721.18	0.00327		
407041.83	3747711.71	0.00299	407041.84
3747702.23	0.00271		
407041.84	3747692.75	0.00244	407041.85
3747683.28	0.00218		
407041.86	3747673.80	0.00195	407041.87
3747664.33	0.00174		
407043.45	3747814.42	0.00345	407040.15
3747822.36	0.00346		
407036.86	3747830.30	0.00343	407025.62
3747841.54	0.00356		
407017.67	3747844.84	0.00374	407009.73
3747848.13	0.00388		
407046.74	3747806.47	0.00341	407046.75
3747797.00	0.00353		
407046.76	3747787.52	0.00362	407046.77
3747778.04	0.00367		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407046.77	3747768.57	0.00367	407046.78	3747759.09	0.00362
407046.79	3747749.62	0.00352	407046.80	3747740.14	0.00337
407046.81	3747730.66	0.00318	407046.82	3747721.19	0.00295
407046.83	3747711.71	0.00271	407046.84	3747702.24	0.00247
407046.84	3747692.76	0.00224	407046.85	3747683.28	0.00202

407046.86 3747673.81 0.00182 407046.87
3747664.33 0.00163
407048.81 3747813.54 0.00321 407045.88
3747820.60 0.00323
407042.95 3747827.66 0.00323 407040.03
3747834.72 0.00320
407030.04 3747844.71 0.00332 407022.97
3747847.64 0.00347
407015.91 3747850.57 0.00359 407008.85
3747853.50 0.00369
407051.74 3747806.48 0.00315 407051.75
3747797.00 0.00325
407051.76 3747787.52 0.00331 407051.77
3747778.05 0.00334
407051.77 3747768.57 0.00333 407051.78
3747759.10 0.00327
407051.79 3747749.62 0.00318 407051.80
3747740.14 0.00304
407051.81 3747730.67 0.00287 407051.82
3747721.19 0.00267
407051.83 3747711.72 0.00247 407051.84
3747702.24 0.00226
407051.84 3747692.76 0.00206 407051.85
3747683.29 0.00187
407051.86 3747673.81 0.00169 407051.87
3747664.34 0.00153
407053.52 3747814.25 0.00298 407050.30
3747822.02 0.00302
407047.08 3747829.78 0.00302 407043.85
3747837.55 0.00300
407032.86 3747848.54 0.00312 407025.10
3747851.76 0.00327
407017.33 3747854.99 0.00340 407009.56
3747858.21 0.00349
407056.74 3747806.48 0.00292 407056.75
3747797.00 0.00299
407056.76 3747787.53 0.00304 407056.77
3747778.05 0.00305
407056.77 3747768.58 0.00303 407056.78
3747759.10 0.00297
407056.79 3747749.62 0.00288 407056.80
3747740.15 0.00275
407056.81 3747730.67 0.00260 407056.82
3747721.20 0.00243
407056.83 3747711.72 0.00226 407056.84
3747702.24 0.00208
407056.84 3747692.77 0.00191 407056.85
3747683.29 0.00174
407056.86 3747673.82 0.00158 407056.87
3747664.34 0.00144
407058.23 3747814.96 0.00278 407054.71
3747823.43 0.00283
407051.20 3747831.91 0.00284 407047.68
3747840.38 0.00282
407035.69 3747852.37 0.00295 407027.22
3747855.88 0.00310
407018.75 3747859.40 0.00322 407010.27
3747862.91 0.00330
407061.74 3747806.48 0.00271 407061.75
3747797.01 0.00276
407061.76 3747787.53 0.00279 407061.77
3747778.06 0.00279
407061.77 3747768.58 0.00276 407061.78
3747759.10 0.00270
407061.79 3747749.63 0.00261 407061.80
3747740.15 0.00250

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407061.84	3747692.77	0.00176	407061.85	3747683.30	0.00162
407061.86	3747673.82	0.00148	407061.87	3747664.34	0.00135
407063.57	3747814.14	0.00258	407060.39	3747821.79	0.00263
407057.22	3747829.44	0.00266	407054.05	3747837.09	0.00267
407050.88	3747844.74	0.00265	407040.05	3747855.56	0.00276
407032.40	3747858.74	0.00289	407024.75	3747861.91	0.00300
407017.10	3747865.08	0.00308	407009.45	3747868.26	0.00314
407066.74	3747806.49	0.00251	407066.75	3747797.01	0.00255
407066.76	3747787.54	0.00257	407066.77	3747778.06	0.00256
407066.77	3747768.59	0.00253	407066.78	3747759.11	0.00247
407066.79	3747749.63	0.00239	407066.80	3747740.16	0.00228
407066.81	3747730.68	0.00217	407066.82	3747721.21	0.00204
407066.83	3747711.73	0.00190	407066.84	3747702.25	0.00177
407066.84	3747692.78	0.00164	407066.85	3747683.30	0.00151
407066.86	3747673.83	0.00139	407066.87	3747664.35	0.00127
407068.32	3747814.73	0.00241	407064.91	3747822.97	0.00247
407061.49	3747831.21	0.00250	407058.07	3747839.45	0.00251
407054.66	3747847.69	0.00250	407043.00	3747859.34	0.00261
407034.76	3747862.76	0.00274	407026.52	3747866.18	0.00285
407018.29	3747869.60	0.00293	407010.05	3747873.01	0.00297
407071.74	3747806.49	0.00233	407071.75		

3747797.02	0.00236			
407071.76	3747787.54	0.00237	407071.77	
3747778.07	0.00235			
407071.77	3747768.59	0.00232	407071.78	
3747759.11	0.00226			
407071.79	3747749.64	0.00218	407071.80	
3747740.16	0.00209			
407071.81	3747730.69	0.00199	407071.82	
3747721.21	0.00188			
407071.83	3747711.73	0.00176	407071.84	
3747702.26	0.00164			
407071.84	3747692.78	0.00153	407071.85	
3747683.31	0.00141			
407071.86	3747673.83	0.00130	407071.87	
3747664.35	0.00120			
407073.60	3747814.06	0.00224	407070.46	
3747821.63	0.00230			
407067.33	3747829.20	0.00234	407064.19	
3747836.76	0.00236			
407061.05	3747844.33	0.00237	407057.91	
3747851.90	0.00236			
407047.21	3747862.60	0.00246	407039.64	
3747865.74	0.00257			
407032.08	3747868.88	0.00266	407024.51	
3747872.01	0.00274			
407016.95	3747875.15	0.00280	407009.38	
3747878.29	0.00282			
407076.74	3747806.50	0.00217	407076.75	
3747797.02	0.00218			
407076.76	3747787.55	0.00218	407076.77	
3747778.07	0.00217			
407076.77	3747768.59	0.00213	407076.78	
3747759.12	0.00208			
407076.79	3747749.64	0.00201	407076.80	
3747740.17	0.00192			
407076.81	3747730.69	0.00183	407076.82	
3747721.21	0.00173			
407076.83	3747711.74	0.00163	407076.84	
3747702.26	0.00153			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407076.84	3747692.79	0.00142	407076.85		
3747683.31	0.00132				
407076.86	3747673.83	0.00123	407076.87		
3747664.36	0.00113				
407078.39	3747814.57	0.00209	407075.05		
3747822.64	0.00216				

407071.70 3747830.71 0.00220 407068.35
3747838.79 0.00223
407065.00 3747846.86 0.00224 407061.66
3747854.93 0.00223
407050.24 3747866.34 0.00233 407042.17
3747869.69 0.00244
407026.03 3747876.39 0.00261 407017.96
3747879.73 0.00266
407009.89 3747883.08 0.00268 407081.74
3747806.50 0.00202
407081.75 3747797.03 0.00203 407081.76
3747787.55 0.00202
407081.77 3747778.08 0.00200 407081.77
3747768.60 0.00196
407081.78 3747759.12 0.00191 407081.79
3747749.65 0.00185
407081.80 3747740.17 0.00177 407081.81
3747730.70 0.00169
407081.82 3747721.22 0.00160 407081.83
3747711.74 0.00151
407081.84 3747702.27 0.00142 407081.84
3747692.79 0.00133
407081.85 3747683.32 0.00124 407081.86
3747673.84 0.00116
407081.87 3747664.36 0.00107 407083.18
3747815.08 0.00196
407079.63 3747823.66 0.00202 407076.07
3747832.23 0.00207
407072.51 3747840.81 0.00210 407068.96
3747849.38 0.00212
407065.40 3747857.96 0.00211 407053.27
3747870.09 0.00221
407044.70 3747873.65 0.00232 407036.12
3747877.20 0.00242
407027.55 3747880.76 0.00249 407018.97
3747884.32 0.00253
407010.40 3747887.87 0.00255 407086.74
3747806.51 0.00188
407086.75 3747797.03 0.00188 407086.76
3747787.56 0.00187
407086.77 3747778.08 0.00185 407086.77
3747768.60 0.00181
407086.78 3747759.13 0.00177 407086.79
3747749.65 0.00171
407086.80 3747740.18 0.00164 407086.81
3747730.70 0.00157
407086.82 3747721.22 0.00149 407086.83
3747711.75 0.00141
407086.84 3747702.27 0.00133 407086.84
3747692.80 0.00125
407086.85 3747683.32 0.00117 407086.86
3747673.84 0.00109
407086.87 3747664.37 0.00101 407088.45
3747814.46 0.00182
407085.15 3747822.40 0.00189 407081.86
3747830.35 0.00194
407078.56 3747838.29 0.00197 407075.27
3747846.23 0.00200
407071.97 3747854.18 0.00201 407068.68
3747862.12 0.00200
407057.44 3747873.36 0.00209 407049.49
3747876.66 0.00219
407041.55 3747879.95 0.00227 407033.61
3747883.25 0.00234
407025.66 3747886.54 0.00239 407017.72
3747889.84 0.00242

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407009.77	3747893.13	0.00242	407091.74	3747806.51	0.00175
407091.75	3747797.04	0.00175	407091.76	3747787.56	0.00174
407091.77	3747778.08	0.00171	407091.77	3747768.61	0.00168
407091.78	3747759.13	0.00163	407091.79	3747749.66	0.00158
407091.80	3747740.18	0.00152	407091.81	3747730.70	0.00146
407091.82	3747721.23	0.00139	407091.83	3747711.75	0.00132
407091.84	3747702.28	0.00124	407091.84	3747692.80	0.00117
407091.85	3747683.32	0.00110	407091.86	3747673.85	0.00103
407091.87	3747664.37	0.00096	407093.26	3747814.90	0.00171
407089.78	3747823.29	0.00177	407086.31	3747831.67	0.00183
407082.83	3747840.06	0.00186	407079.35	3747848.45	0.00189
407075.87	3747856.83	0.00190	407072.40	3747865.22	0.00190
407060.53	3747877.08	0.00199	407052.15	3747880.56	0.00209
407043.76	3747884.04	0.00217	407035.38	3747887.52	0.00223
407026.99	3747890.99	0.00228	407018.60	3747894.47	0.00230
407010.22	3747897.95	0.00231	407096.74	3747806.52	0.00164
407096.75	3747797.04	0.00163	407096.76	3747787.56	0.00162
407096.77	3747778.09	0.00159	407096.77	3747768.61	0.00156
407096.78	3747759.14	0.00152	407096.79	3747749.66	0.00147
407096.80	3747740.18	0.00141	407096.81	3747730.71	0.00136
407096.82	3747721.23	0.00129	407096.83	3747711.76	0.00123
407096.84	3747702.28	0.00117	407096.84	3747692.80	0.00110
407096.85	3747683.33	0.00104	407096.86		

3747673.85	0.00097		
407096.87	3747664.38	0.00091	407098.49
3747814.37	0.00160		
407095.23	3747822.21	0.00166	407091.98
3747830.06	0.00171		
407088.72	3747837.91	0.00175	407085.47
3747845.75	0.00178		
407082.22	3747853.60	0.00180	407078.96
3747861.45	0.00181		
407075.71	3747869.29	0.00180	407064.61
3747880.39	0.00188		
407056.76	3747883.65	0.00197	407048.91
3747886.90	0.00205		
407041.07	3747890.16	0.00211	407033.22
3747893.41	0.00216		
407025.38	3747896.67	0.00219	407017.53
3747899.92	0.00220		
407009.68	3747903.18	0.00219	407101.74
3747806.52	0.00153		
407101.75	3747797.05	0.00152	407101.76
3747787.57	0.00151		
407101.77	3747778.09	0.00148	407101.77
3747768.62	0.00145		
407101.78	3747759.14	0.00141	407101.79
3747749.67	0.00137		
407101.80	3747740.19	0.00132	407101.81
3747730.71	0.00127		
407101.82	3747721.24	0.00121	407101.83
3747711.76	0.00115		
407101.84	3747702.29	0.00110	407101.84
3747692.81	0.00104		
407101.85	3747683.33	0.00098	407101.86
3747673.86	0.00092		
407101.87	3747664.38	0.00086	407001.87
3747659.29	0.00277		
406992.39	3747659.28	0.00314	406982.90
3747659.27	0.00354		
406973.42	3747659.26	0.00396	406963.93
3747659.25	0.00436		
406954.45	3747659.24	0.00469	406944.96
3747659.23	0.00493		
406935.48	3747659.22	0.00504	406925.99
3747659.22	0.00501		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406916.51	3747659.21	0.00485	406907.02	3747659.20	0.00455

406897.54 3747659.19 0.00416 406888.05
3747659.18 0.00372
406878.57 3747659.17 0.00328 406869.08
3747659.16 0.00287
406859.59 3747659.15 0.00250 407001.88
3747654.29 0.00252
406992.39 3747654.28 0.00283 406982.91
3747654.27 0.00316
406973.42 3747654.26 0.00350 406963.94
3747654.25 0.00381
406954.45 3747654.24 0.00408 406944.97
3747654.23 0.00426
406935.48 3747654.22 0.00434 406926.00
3747654.22 0.00431
406916.51 3747654.21 0.00418 406907.03
3747654.20 0.00395
406897.54 3747654.19 0.00364 406888.06
3747654.18 0.00329
406878.57 3747654.17 0.00294 406869.09
3747654.16 0.00260
406859.60 3747654.15 0.00229 407007.19
3747651.49 0.00225
407014.68 3747659.00 0.00232 407001.88
3747649.29 0.00230
406992.40 3747649.28 0.00256 406982.91
3747649.27 0.00283
406973.43 3747649.26 0.00311 406963.94
3747649.25 0.00336
406954.46 3747649.24 0.00356 406944.97
3747649.23 0.00370
406935.49 3747649.22 0.00376 406926.00
3747649.22 0.00374
406916.52 3747649.21 0.00363 406907.03
3747649.20 0.00345
406897.55 3747649.19 0.00320 406888.06
3747649.18 0.00292
406878.58 3747649.17 0.00263 406869.09
3747649.16 0.00235
406859.60 3747649.15 0.00209 407008.96
3747647.23 0.00205
407018.95 3747657.23 0.00213 407001.89
3747644.29 0.00210
406992.40 3747644.28 0.00232 406982.92
3747644.27 0.00255
406973.43 3747644.26 0.00277 406963.95
3747644.25 0.00297
406954.46 3747644.24 0.00313 406944.98
3747644.23 0.00324
406935.49 3747644.22 0.00328 406926.01
3747644.22 0.00326
406916.52 3747644.21 0.00318 406907.04
3747644.20 0.00303
406897.55 3747644.19 0.00283 406888.07
3747644.18 0.00260
406878.58 3747644.17 0.00237 406869.10
3747644.16 0.00213
406859.61 3747644.15 0.00191 407007.78
3747641.74 0.00189
407013.67 3747644.18 0.00185 407022.00
3747652.52 0.00191
407024.43 3747658.42 0.00202 407001.89
3747639.29 0.00192
406992.41 3747639.28 0.00211 406982.92
3747639.27 0.00229
406973.44 3747639.26 0.00247 406963.95
3747639.25 0.00263

406954.47 3747639.24 0.00276 406944.98
3747639.23 0.00285
406935.50 3747639.22 0.00288 406926.01
3747639.22 0.00287
406916.53 3747639.21 0.00279 406907.04
3747639.20 0.00267
406897.56 3747639.19 0.00251 406888.07
3747639.18 0.00233
406878.59 3747639.17 0.00213 406869.10
3747639.16 0.00194
406859.61 3747639.15 0.00175 407008.97
3747637.23 0.00173

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407016.04	3747640.16	0.00169	407026.03	3747650.17	0.00176
407028.95	3747657.24	0.00188	407001.90	3747634.29	0.00176
406992.41	3747634.28	0.00192	406982.93	3747634.27	0.00207
406973.44	3747634.26	0.00222	406963.96	3747634.25	0.00235
406954.47	3747634.24	0.00245	406944.99	3747634.23	0.00252
406935.50	3747634.22	0.00255	406926.02	3747634.22	0.00253
406916.53	3747634.21	0.00247	406907.05	3747634.20	0.00237
406897.56	3747634.19	0.00224	406888.08	3747634.18	0.00209
406878.59	3747634.17	0.00193	406869.10	3747634.16	0.00176
406859.62	3747634.15	0.00160	407010.15	3747632.71	0.00159
407018.40	3747636.14	0.00155	407030.05	3747647.82	0.00162
407033.46	3747656.07	0.00175	407001.90	3747629.29	0.00162
406992.42	3747629.28	0.00175	406982.93	3747629.27	0.00188
406973.45	3747629.26	0.00200	406963.96	3747629.25	0.00210
406954.48	3747629.24	0.00219	406944.99	3747629.23	0.00224
406935.51	3747629.22	0.00226	406926.02	3747629.22	0.00225
406916.54	3747629.21	0.00220	406907.05		

3747629.20	0.00212			
406897.57	3747629.19	0.00201	406888.08	
3747629.18	0.00188			
406878.60	3747629.17	0.00175	406869.11	
3747629.16	0.00161			
406859.62	3747629.15	0.00147	407008.98	
3747627.23	0.00147			
407016.05	3747630.16	0.00145	407023.11	
3747633.10	0.00142			
407033.10	3747643.11	0.00147	407036.03	
3747650.18	0.00157			
407038.95	3747657.25	0.00166	407001.91	
3747624.29	0.00149			
406992.42	3747624.28	0.00160	406982.94	
3747624.27	0.00171			
406973.45	3747624.26	0.00181	406963.97	
3747624.25	0.00189			
406954.48	3747624.24	0.00196	406945.00	
3747624.23	0.00201			
406935.51	3747624.22	0.00202	406926.03	
3747624.22	0.00201			
406916.54	3747624.21	0.00197	406907.06	
3747624.20	0.00190			
406897.57	3747624.19	0.00181	406888.09	
3747624.18	0.00171			
406878.60	3747624.17	0.00159	406869.11	
3747624.16	0.00147			
406859.63	3747624.15	0.00136	407009.87	
3747622.59	0.00136			
407017.82	3747625.90	0.00134	407025.77	
3747629.20	0.00131			
407037.01	3747640.46	0.00136	407040.29	
3747648.42	0.00146			
407043.58	3747656.37	0.00155	407001.91	
3747619.29	0.00137			
406992.43	3747619.28	0.00146	406982.94	
3747619.27	0.00155			
406973.46	3747619.26	0.00164	406963.97	
3747619.25	0.00171			
406954.49	3747619.24	0.00177	406945.00	
3747619.23	0.00180			
406935.52	3747619.22	0.00181	406926.03	
3747619.22	0.00180			
406916.55	3747619.21	0.00177	406907.06	
3747619.20	0.00171			
406897.58	3747619.19	0.00164	406888.09	
3747619.18	0.00155			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

406954.50 3747604.24 0.00132 406945.02
3747604.23 0.00134
406935.53 3747604.22 0.00135 406926.05
3747604.22 0.00134
406916.56 3747604.21 0.00132 406907.08
3747604.20 0.00128
406897.59 3747604.19 0.00124 406888.11
3747604.18 0.00118
406878.62 3747604.17 0.00112 406869.13
3747604.16 0.00105
406859.65 3747604.15 0.00099 407009.59
3747602.47 0.00100
407017.25 3747605.65 0.00100 407024.90
3747608.83 0.00099
407032.56 3747612.01 0.00098 407040.22
3747615.19 0.00096

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407051.04	3747626.03	0.00100	407054.21	3747633.70	0.00106
407057.37	3747641.36	0.00112	407060.54	3747649.02	0.00117
407063.70	3747656.69	0.00122	407001.93	3747599.29	0.00100
406992.45	3747599.28	0.00105	406982.96	3747599.27	0.00110
406973.48	3747599.26	0.00114	406963.99	3747599.25	0.00118
406954.51	3747599.24	0.00121	406945.02	3747599.23	0.00122
406935.54	3747599.22	0.00123	406926.05	3747599.22	0.00122
406916.57	3747599.21	0.00120	406907.08	3747599.20	0.00117
406897.60	3747599.19	0.00113	406888.11	3747599.18	0.00109
406878.62	3747599.17	0.00103	406869.14	3747599.16	0.00098
406859.65	3747599.15	0.00092	407010.18	3747597.71	0.00093
407018.43	3747601.14	0.00093	407026.68	3747604.56	0.00092
407034.92	3747607.99	0.00091	407043.17	3747611.41	0.00089
407054.82	3747623.09	0.00093	407058.23	3747631.34	0.00099
407061.64	3747639.60	0.00105	407065.05		

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        3747647.85        0.00110
        407068.46    3747656.10        0.00115                    407001.94
        3747594.29        0.00093
        406992.45    3747594.28        0.00097                    406982.97
        3747594.27        0.00102
        406973.48    3747594.26        0.00105                    406964.00
        3747594.25        0.00108
        406954.51    3747594.24        0.00111                    406945.03
        3747594.23        0.00112
        406935.54    3747594.22        0.00112                    406926.06
        3747594.22        0.00112
        406916.57    3747594.21        0.00110                    406907.09
        3747594.20        0.00108
        406897.60    3747594.19        0.00104                    406888.11
        3747594.18        0.00100
        406878.63    3747594.17        0.00095                    406869.14
        3747594.16        0.00091
        406859.66    3747594.15        0.00085                    407009.52
        3747592.44        0.00087
        407017.09    3747595.58        0.00087                    407024.66
        3747598.73        0.00087
        407032.23    3747601.87        0.00086                    407039.81
        3747605.02        0.00085
        407047.38    3747608.16        0.00083                    407058.08
        3747618.89        0.00087
        407061.22    3747626.46        0.00092                    407064.35
        3747634.04        0.00096
        407067.48    3747641.62        0.00101                    407070.61
        3747649.20        0.00106
        407073.74    3747656.78        0.00110                    407001.94
        3747589.29        0.00087
        406992.46    3747589.28        0.00090                    406982.97
        3747589.27        0.00094
        406973.49    3747589.26        0.00097                    406964.00
        3747589.25        0.00100
        406954.52    3747589.24        0.00102                    406945.03
        3747589.23        0.00103
        406935.55    3747589.22        0.00103                    406926.06
        3747589.22        0.00103
        406916.58    3747589.21        0.00101                    406907.09
        3747589.20        0.00099
        406897.61    3747589.19        0.00096                    406888.12
        3747589.18        0.00092
        406878.63    3747589.17        0.00088                    406869.15
        3747589.16        0.00084
        406859.66    3747589.15        0.00080                    407010.03
        3747587.65        0.00081
        407018.10    3747591.00        0.00081                    407026.18
        3747594.36        0.00081
        407042.34    3747601.07        0.00079                    407050.41
        3747604.42        0.00078
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       16:20:29

                     PAGE  39
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     VOL1        ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407061.83	3747615.86	0.00081	407065.17	3747623.94	0.00086
407068.51	3747632.03	0.00091	407071.85	3747640.11	0.00095
407075.19	3747648.20	0.00100	407078.53	3747656.28	0.00104
407001.95	3747584.29	0.00081	406992.46	3747584.28	0.00084
406982.98	3747584.27	0.00087	406973.49	3747584.26	0.00090
406964.01	3747584.25	0.00092	406954.52	3747584.24	0.00094
406945.04	3747584.23	0.00095	406935.55	3747584.22	0.00095
406926.07	3747584.22	0.00095	406916.58	3747584.21	0.00093
406907.10	3747584.20	0.00091	406897.61	3747584.19	0.00089
406888.12	3747584.18	0.00086	406878.64	3747584.17	0.00082
406869.15	3747584.16	0.00078	406859.67	3747584.15	0.00074
407010.54	3747582.85	0.00076	407019.12	3747586.42	0.00076
407027.70	3747589.98	0.00076	407036.28	3747593.55	0.00075
407044.87	3747597.11	0.00074	407053.45	3747600.68	0.00073
407065.58	3747612.83	0.00076	407069.13	3747621.42	0.00081
407072.68	3747630.01	0.00086	407076.22	3747638.60	0.00090
407079.77	3747647.19	0.00094	407083.32	3747655.78	0.00098
407001.95	3747579.29	0.00075	406992.47	3747579.28	0.00078
406982.98	3747579.27	0.00081	406973.50	3747579.26	0.00083
406964.01	3747579.25	0.00085	406954.53	3747579.24	0.00087
406945.04	3747579.23	0.00088	406935.56	3747579.22	0.00088
406926.07	3747579.22	0.00087	406916.59	3747579.21	0.00086
406907.10	3747579.20	0.00084	406897.61	3747579.19	0.00082
406888.13	3747579.18	0.00079	406878.64	3747579.17	0.00076
406869.16	3747579.16	0.00073	406859.67	3747579.15	0.00069
407009.91	3747577.59	0.00071	407017.86	3747580.90	0.00071
407025.81	3747584.20	0.00071	407033.76	3747587.50	0.00071
407041.72	3747590.80	0.00070	407049.67	3747594.11	0.00070
407057.62	3747597.41	0.00069	407068.86	3747608.67	0.00071
407072.14	3747616.63	0.00075	407075.43	3747624.58	0.00079

407078.72	3747632.54	0.00083	407082.01	
3747640.50	0.00087			
407085.29	3747648.46	0.00090	407088.58	
3747656.41	0.00093			
407001.96	3747574.29	0.00070	406992.47	
3747574.28	0.00073			
406982.99	3747574.27	0.00075	406973.50	
3747574.26	0.00078			
406964.02	3747574.25	0.00079	406954.53	
3747574.24	0.00080			
406945.05	3747574.23	0.00081	406935.56	
3747574.22	0.00081			
406926.08	3747574.22	0.00081	406916.59	
3747574.21	0.00080			
406907.11	3747574.20	0.00078	406897.62	
3747574.19	0.00076			
406888.13	3747574.18	0.00074	406878.65	
3747574.17	0.00071			
406869.16	3747574.16	0.00068	406859.68	
3747574.15	0.00065			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407010.36	3747572.78	0.00067	407018.75		
3747576.26	0.00067				
407027.14	3747579.75	0.00067	407035.54		
3747583.23	0.00067				
407043.93	3747586.72	0.00066	407052.32		
3747590.21	0.00066				
407060.72	3747593.69	0.00064	407072.58		
3747605.58	0.00067				
407076.05	3747613.98	0.00071	407079.52		
3747622.38	0.00075				
407082.99	3747630.78	0.00079	407086.46		
3747639.18	0.00082				
407089.93	3747647.58	0.00086	407093.40		
3747655.98	0.00088				
407001.96	3747569.29	0.00066	406992.48		
3747569.28	0.00068				
406982.99	3747569.27	0.00070	406973.51		
3747569.26	0.00072				
406964.02	3747569.25	0.00074	406954.54		
3747569.24	0.00075				
406945.05	3747569.23	0.00075	406935.57		
3747569.22	0.00075				
406926.08	3747569.22	0.00075	406916.60		
3747569.21	0.00074				
406907.11	3747569.20	0.00073	406897.62		

3747569.19 0.00071
406888.14 3747569.18 0.00069 406878.65
3747569.17 0.00066
406869.17 3747569.16 0.00064 406859.68
3747569.15 0.00061
407009.82 3747567.55 0.00063 407017.67
3747570.81 0.00063
407025.53 3747574.08 0.00063 407033.38
3747577.34 0.00063
407041.23 3747580.60 0.00063 407049.09
3747583.86 0.00062
407056.94 3747587.12 0.00062 407064.79
3747590.38 0.00061
407075.89 3747601.51 0.00063 407079.14
3747609.37 0.00066
407082.39 3747617.22 0.00070 407085.64
3747625.08 0.00073
407088.88 3747632.94 0.00076 407092.13
3747640.80 0.00079
407095.38 3747648.66 0.00082 407098.62
3747656.52 0.00084
407001.97 3747564.29 0.00062 406992.48
3747564.28 0.00064
406983.00 3747564.27 0.00066 406973.51
3747564.26 0.00067
406964.03 3747564.25 0.00069 406954.54
3747564.24 0.00070
406945.06 3747564.23 0.00070 406935.57
3747564.22 0.00070
406926.09 3747564.22 0.00070 406916.60
3747564.21 0.00069
406907.12 3747564.20 0.00068 406897.63
3747564.19 0.00066
406888.14 3747564.18 0.00064 406878.66
3747564.17 0.00062
406869.17 3747564.16 0.00060 406859.69
3747564.15 0.00057
406854.59 3747664.15 0.00254 406854.58
3747673.64 0.00297
406854.57 3747683.13 0.00347 406854.56
3747692.63 0.00399
406854.55 3747702.12 0.00452 406854.54
3747711.62 0.00502
406854.53 3747721.11 0.00540 406854.52
3747730.61 0.00564
406854.52 3747740.10 0.00569 406854.51
3747749.60 0.00557
406854.50 3747759.09 0.00530 406854.49
3747768.59 0.00492
406854.48 3747778.08 0.00449 406854.47
3747787.58 0.00405
406854.46 3747797.07 0.00361 406854.45
3747806.57 0.00318
406849.59 3747664.14 0.00235 406849.58
3747673.63 0.00273

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406849.57	3747683.13	0.00314	406849.56	3747692.62	0.00358
406849.55	3747702.12	0.00402	406849.54	3747711.61	0.00441
406849.53	3747721.11	0.00472	406849.52	3747730.60	0.00491
406849.52	3747740.10	0.00495	406849.51	3747749.59	0.00486
406849.50	3747759.09	0.00464	406849.49	3747768.58	0.00433
406849.48	3747778.08	0.00397	406849.47	3747787.57	0.00359
406849.46	3747797.07	0.00322	406849.45	3747806.56	0.00286
406846.79	3747658.83	0.00207	406854.30	3747651.34	0.00203
406844.59	3747664.14	0.00217	406844.58	3747673.63	0.00250
406844.57	3747683.12	0.00286	406844.56	3747692.62	0.00322
406844.55	3747702.11	0.00358	406844.54	3747711.61	0.00391
406844.53	3747721.10	0.00415	406844.52	3747730.60	0.00430
406844.52	3747740.09	0.00434	406844.51	3747749.59	0.00426
406844.50	3747759.08	0.00408	406844.49	3747768.58	0.00383
406844.48	3747778.07	0.00353	406844.47	3747787.57	0.00321
406844.46	3747797.06	0.00289	406844.45	3747806.56	0.00258
406842.53	3747657.06	0.00190	406852.54	3747647.07	0.00185
406839.59	3747664.13	0.00201	406839.58	3747673.63	0.00230
406839.57	3747683.12	0.00260	406839.56	3747692.61	0.00291
406839.55	3747702.11	0.00321	406839.54	3747711.60	0.00347
406839.53	3747721.10	0.00368	406839.52	3747730.59	0.00380
406839.52	3747740.09	0.00383	406839.51	3747749.58	0.00377
406839.50	3747759.08	0.00362	406839.49	3747768.57	0.00341
406839.48	3747778.07	0.00316	406839.47	3747787.56	0.00289
406839.46	3747797.06	0.00261	406839.45	3747806.55	0.00235
406837.04	3747658.24	0.00179	406839.48	3747652.35	0.00170
406847.82	3747644.02	0.00166	406853.72	3747641.58	0.00171
406834.59	3747664.13	0.00187	406834.58	3747673.62	0.00212

406834.57 3747683.11 0.00238 406834.56
3747692.61 0.00264
406834.55 3747702.10 0.00289 406834.54
3747711.60 0.00311
406834.53 3747721.09 0.00327 406834.52
3747730.59 0.00337
406834.52 3747740.08 0.00340 406834.51
3747749.58 0.00335
406834.50 3747759.07 0.00323 406834.49
3747768.57 0.00305
406834.48 3747778.06 0.00284 406834.47
3747787.56 0.00261
406834.46 3747797.05 0.00237 406834.45
3747806.55 0.00214
406832.53 3747657.05 0.00165 406835.46
3747649.98 0.00156
406845.47 3747639.99 0.00151 406852.55
3747637.07 0.00156
406829.59 3747664.12 0.00174 406829.58
3747673.62 0.00195
406829.57 3747683.11 0.00218 406829.56
3747692.60 0.00240
406829.55 3747702.10 0.00261 406829.54
3747711.59 0.00279

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406829.53	3747721.09	0.00293	406829.52	3747730.58	0.00301
406829.52	3747740.08	0.00303	406829.51	3747749.57	0.00299
406829.50	3747759.07	0.00289	406829.49	3747768.56	0.00274
406829.48	3747778.06	0.00256	406829.47	3747787.55	0.00237
406829.46	3747797.05	0.00216	406829.45	3747806.54	0.00196
406828.02	3747655.87	0.00153	406831.44	3747647.62	0.00143
406843.12	3747635.97	0.00139	406851.37	3747632.56	0.00144
406824.59	3747664.12	0.00162	406824.58	3747673.61	0.00181
406824.57	3747683.10	0.00200	406824.56	3747692.60	0.00219
406824.55	3747702.09	0.00237	406824.54	3747711.59	0.00252
406824.53	3747721.08	0.00264	406824.52		

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        3747730.58        0.00271
        406824.52    3747740.07        0.00272                    406824.51
        3747749.57        0.00269
        406824.50    3747759.06        0.00260                    406824.49
        3747768.56        0.00248
        406824.48    3747778.05        0.00233                    406824.47
        3747787.55        0.00216
        406824.46    3747797.04        0.00198                    406824.45
        3747806.54        0.00181
        406822.53    3747657.04        0.00144                    406825.46
        3747649.97        0.00137
        406828.40    3747642.91        0.00130                    406838.41
        3747632.92        0.00126
        406845.48    3747629.99        0.00130                    406852.56
        3747627.07        0.00133
        406819.59    3747664.11        0.00151                    406819.58
        3747673.61        0.00167
        406819.57    3747683.10        0.00184                    406819.56
        3747692.59        0.00201
        406819.55    3747702.09        0.00216                    406819.54
        3747711.58        0.00229
        406819.53    3747721.08        0.00239                    406819.52
        3747730.57        0.00244
        406819.52    3747740.07        0.00246                    406819.51
        3747749.56        0.00243
        406819.50    3747759.06        0.00235                    406819.49
        3747768.55        0.00225
        406819.48    3747778.05        0.00212                    406819.47
        3747787.54        0.00197
        406819.46    3747797.04        0.00182                    406819.45
        3747806.53        0.00167
        406817.89    3747656.15        0.00134                    406821.20
        3747648.20        0.00127
        406824.50    3747640.25        0.00120                    406835.76
        3747629.01        0.00116
        406843.72    3747625.72        0.00120                    406851.68
        3747622.44        0.00123
        406814.59    3747664.11        0.00141                    406814.58
        3747673.60        0.00155
        406814.57    3747683.10        0.00170                    406814.56
        3747692.59        0.00184
        406814.55    3747702.08        0.00197                    406814.54
        3747711.58        0.00208
        406814.53    3747721.07        0.00217                    406814.52
        3747730.57        0.00221
        406814.52    3747740.06        0.00223                    406814.51
        3747749.56        0.00220
        406814.50    3747759.05        0.00214                    406814.49
        3747768.55        0.00205
        406814.48    3747778.04        0.00194                    406814.47
        3747787.54        0.00181
        406814.46    3747797.03        0.00168                    406814.45
        3747806.53        0.00154
        406812.53    3747657.03        0.00127                    406815.46
        3747649.96        0.00121
        406818.40    3747642.90        0.00115                    406821.33
        3747635.83        0.00109
        406831.34    3747625.84        0.00106                    406838.42
        3747622.92        0.00109
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***       16:20:29

                    PAGE  43
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406845.49	3747619.99	0.00112	406852.57	3747617.07	0.00114
406809.59	3747664.10	0.00131	406809.58	3747673.60	0.00144
406809.57	3747683.09	0.00157	406809.56	3747692.58	0.00170
406809.55	3747702.08	0.00181	406809.54	3747711.57	0.00190
406809.53	3747721.07	0.00197	406809.52	3747730.56	0.00202
406809.52	3747740.06	0.00203	406809.51	3747749.55	0.00200
406809.50	3747759.05	0.00195	406809.49	3747768.54	0.00187
406809.48	3747778.04	0.00178	406809.47	3747787.53	0.00167
406809.46	3747797.03	0.00155	406809.45	3747806.52	0.00143
406807.82	3747656.32	0.00118	406811.05	3747648.55	0.00113
406814.28	3747640.77	0.00107	406817.51	3747633.00	0.00101
406828.52	3747622.01	0.00098	406836.30	3747618.79	0.00101
406844.08	3747615.58	0.00104	406851.86	3747612.36	0.00105
406804.59	3747664.10	0.00123	406804.58	3747673.59	0.00134
406804.57	3747683.09	0.00146	406804.56	3747692.58	0.00157
406804.55	3747702.07	0.00166	406804.54	3747711.57	0.00175
406804.53	3747721.06	0.00181	406804.52	3747730.56	0.00184
406804.52	3747740.05	0.00185	406804.51	3747749.55	0.00183
406804.50	3747759.04	0.00179	406804.49	3747768.54	0.00172
406804.48	3747778.03	0.00163	406804.47	3747787.53	0.00154
406804.46	3747797.02	0.00144	406804.45	3747806.52	0.00133
406803.11	3747655.61	0.00111	406806.64	3747647.13	0.00106
406810.16	3747638.65	0.00100	406813.68	3747630.16	0.00094
406825.69	3747618.18	0.00091	406834.18	3747614.67	0.00094
406851.16	3747607.66	0.00098	406799.59	3747664.09	0.00115
406799.58	3747673.59	0.00125	406799.57	3747683.08	0.00135

406799.56 3747692.58 0.00145 406799.55
3747702.07 0.00154
406799.54 3747711.56 0.00161 406799.53
3747721.06 0.00166
406799.52 3747730.55 0.00169 406799.52
3747740.05 0.00170
406799.51 3747749.54 0.00168 406799.50
3747759.04 0.00164
406799.49 3747768.53 0.00158 406799.48
3747778.03 0.00151
406799.47 3747787.52 0.00142 406799.46
3747797.02 0.00133
406799.45 3747806.51 0.00124 406797.77
3747656.43 0.00105
406800.95 3747648.77 0.00101 406804.13
3747641.11 0.00096
406807.31 3747633.46 0.00091 406810.49
3747625.80 0.00087
406821.34 3747614.98 0.00084 406829.00
3747611.81 0.00086
406836.66 3747608.65 0.00088 406844.33
3747605.48 0.00090
406851.99 3747602.32 0.00091 406794.59
3747664.09 0.00108
406794.58 3747673.58 0.00117 406794.57
3747683.08 0.00126
406794.56 3747692.57 0.00135 406794.55
3747702.06 0.00142

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406794.54	3747711.56	0.00148	406794.53	3747721.05	0.00153
406794.52	3747730.55	0.00155	406794.52	3747740.04	0.00156
406794.51	3747749.54	0.00155	406794.50	3747759.03	0.00151
406794.49	3747768.53	0.00146	406794.48	3747778.02	0.00140
406794.47	3747787.52	0.00132	406794.46	3747797.01	0.00124
406794.45	3747806.51	0.00116	406793.02	3747655.83	0.00098
406796.44	3747647.59	0.00094	406799.87	3747639.34	0.00090
406803.29	3747631.10	0.00085	406806.72	3747622.85	0.00081
406818.39	3747611.19	0.00078	406826.65		

3747607.79 0.00080
406834.90 3747604.38 0.00082 406843.15
3747600.97 0.00084
406851.41 3747597.56 0.00085 406789.59
3747664.08 0.00102
406789.58 3747673.58 0.00110 406789.57
3747683.07 0.00118
406789.56 3747692.57 0.00125 406789.55
3747702.06 0.00132
406789.54 3747711.55 0.00137 406789.53
3747721.05 0.00141
406789.52 3747730.54 0.00143 406789.52
3747740.04 0.00144
406789.51 3747749.53 0.00143 406789.50
3747759.03 0.00140
406789.49 3747768.52 0.00135 406789.48
3747778.02 0.00130
406789.47 3747787.51 0.00123 406789.46
3747797.01 0.00116
406789.45 3747806.50 0.00109 406787.74
3747656.50 0.00093
406790.88 3747648.93 0.00090 406794.03
3747641.36 0.00086
406797.17 3747633.78 0.00083 406800.32
3747626.21 0.00079
406803.46 3747618.64 0.00075 406814.19
3747607.93 0.00073
406821.77 3747604.80 0.00075 406829.35
3747601.67 0.00076
406836.93 3747598.54 0.00078 406844.51
3747595.41 0.00079
406852.08 3747592.28 0.00079 406784.59
3747664.08 0.00096
406784.58 3747673.57 0.00103 406784.57
3747683.07 0.00110
406784.56 3747692.56 0.00117 406784.55
3747702.05 0.00122
406784.54 3747711.55 0.00127 406784.53
3747721.04 0.00131
406784.52 3747730.54 0.00133 406784.52
3747740.03 0.00133
406784.51 3747749.53 0.00132 406784.50
3747759.02 0.00129
406784.49 3747768.52 0.00125 406784.48
3747778.01 0.00120
406784.47 3747787.51 0.00115 406784.46
3747797.00 0.00108
406784.45 3747806.50 0.00102 406782.95
3747655.99 0.00088
406786.30 3747647.92 0.00085 406789.66
3747639.84 0.00081
406793.01 3747631.76 0.00078 406796.37
3747623.68 0.00074
406799.72 3747615.60 0.00070 406811.16
3747604.19 0.00068
406819.25 3747600.85 0.00070 406827.33
3747597.51 0.00071
406835.42 3747594.17 0.00072 406843.50
3747590.83 0.00073
406851.58 3747587.49 0.00074 406779.59
3747664.07 0.00090
406779.58 3747673.57 0.00097 406779.57
3747683.06 0.00103

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL *** INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406779.56	3747692.56	0.00109	406779.55	3747702.05	0.00114
406779.54	3747711.54	0.00118	406779.53	3747721.04	0.00121
406779.52	3747730.53	0.00123	406779.52	3747740.03	0.00124
406779.51	3747749.52	0.00123	406779.50	3747759.02	0.00120
406779.49	3747768.51	0.00117	406779.48	3747778.01	0.00112
406779.47	3747787.50	0.00107	406779.46	3747797.00	0.00101
406779.45	3747806.49	0.00096	406778.16	3747655.48	0.00083
406781.72	3747646.90	0.00080	406785.29	3747638.32	0.00077
406788.85	3747629.74	0.00073	406792.42	3747621.15	0.00069
406795.98	3747612.57	0.00065	406808.13	3747600.44	0.00064
406816.72	3747596.89	0.00065	406825.31	3747593.34	0.00067
406833.90	3747589.79	0.00068	406842.49	3747586.25	0.00069
406851.08	3747582.70	0.00069	406774.59	3747664.07	0.00085
406774.58	3747673.56	0.00091	406774.57	3747683.06	0.00097
406774.56	3747692.55	0.00102	406774.55	3747702.05	0.00107
406774.54	3747711.54	0.00110	406774.53	3747721.03	0.00113
406774.52	3747730.53	0.00115	406774.52	3747740.02	0.00115
406774.51	3747749.52	0.00114	406774.50	3747759.01	0.00112
406774.49	3747768.51	0.00109	406774.48	3747778.00	0.00105
406774.47	3747787.50	0.00100	406774.46	3747796.99	0.00095
406774.45	3747806.49	0.00090	406772.89	3747656.11	0.00078
406776.20	3747648.16	0.00076	406779.50	3747640.21	0.00074
406782.80	3747632.25	0.00071	406786.10	3747624.30	0.00067
406789.41	3747616.35	0.00064	406792.71	3747608.40	0.00061

406803.97 3747597.16 0.00059 406811.93
3747593.87 0.00061
406819.89 3747590.59 0.00062 406827.85
3747587.30 0.00063
406835.80 3747584.01 0.00064 406843.76
3747580.72 0.00065
406851.72 3747577.44 0.00065 406769.59
3747664.06 0.00080
406769.58 3747673.56 0.00086 406769.57
3747683.05 0.00091
406769.56 3747692.55 0.00096 406769.55
3747702.04 0.00100
406769.54 3747711.53 0.00103 406769.53
3747721.03 0.00105
406769.52 3747730.52 0.00107 406769.52
3747740.02 0.00107
406769.51 3747749.51 0.00106 406769.50
3747759.01 0.00105
406769.49 3747768.50 0.00102 406769.48
3747778.00 0.00098
406769.47 3747787.49 0.00094 406769.46
3747796.99 0.00090
406769.45 3747806.48 0.00085 406768.08
3747655.66 0.00074
406771.56 3747647.27 0.00072 406775.05
3747638.88 0.00069
406778.54 3747630.48 0.00067 406782.02
3747622.09 0.00064
406785.51 3747613.70 0.00061 406788.99
3747605.30 0.00057
406800.88 3747593.44 0.00056 406809.28
3747589.97 0.00057

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406817.68	3747586.50	0.00058	406826.08	3747583.03	0.00059
406834.48	3747579.56	0.00060	406842.88	3747576.09	0.00061
406851.28	3747572.62	0.00061	406764.59	3747664.06	0.00076
406764.58	3747673.55	0.00081	406764.57	3747683.05	0.00085
406764.56	3747692.54	0.00090	406764.55	3747702.04	0.00093
406764.54	3747711.53	0.00096	406764.53	3747721.02	0.00099
406764.52	3747730.52	0.00100	406764.52		

3747740.01 0.00100
406764.51 3747749.51 0.00099 406764.50
3747759.00 0.00098
406764.49 3747768.50 0.00095 406764.48
3747777.99 0.00092
406764.47 3747787.49 0.00088 406764.46
3747796.98 0.00084
406764.45 3747806.48 0.00080 406762.85
3747656.20 0.00070
406766.11 3747648.34 0.00069 406769.38
3747640.49 0.00067
406772.64 3747632.64 0.00064 406775.90
3747624.78 0.00062
406779.16 3747616.93 0.00059 406782.42
3747609.08 0.00056
406785.69 3747601.22 0.00054 406796.81
3747590.12 0.00052
406804.67 3747586.88 0.00053 406812.53
3747583.63 0.00055
406820.39 3747580.38 0.00055 406828.25
3747577.14 0.00056
406836.11 3747573.89 0.00057 406843.97
3747570.64 0.00057
406851.83 3747567.40 0.00057 406759.59
3747664.05 0.00072
406759.58 3747673.55 0.00076 406759.57
3747683.04 0.00081
406759.56 3747692.54 0.00084 406759.55
3747702.03 0.00088
406759.54 3747711.53 0.00090 406759.53
3747721.02 0.00092
406759.52 3747730.51 0.00093 406759.52
3747740.01 0.00094
406759.51 3747749.50 0.00093 406759.50
3747759.00 0.00092
406759.49 3747768.49 0.00089 406759.48
3747777.99 0.00087
406759.47 3747787.48 0.00083 406759.46
3747796.98 0.00079
406759.45 3747806.47 0.00076 406859.45
3747811.57 0.00330
406868.94 3747811.56 0.00406 406878.43
3747811.55 0.00501
406887.91 3747811.54 0.00611 406897.40
3747811.53 0.00729
406906.88 3747811.52 0.00842 406916.37
3747811.51 0.00936
406925.86 3747811.50 0.01004 406935.34
3747811.50 0.01040
406944.83 3747811.49 0.01044 406954.31
3747811.48 0.01016
406963.80 3747811.47 0.00962 406973.29
3747811.46 0.00890
406982.77 3747811.45 0.00808 406992.26
3747811.44 0.00723
407001.74 3747811.43 0.00640 406859.46
3747816.57 0.00305
406868.95 3747816.56 0.00372 406878.43
3747816.55 0.00454
406887.92 3747816.54 0.00548 406897.40
3747816.53 0.00648
406906.89 3747816.52 0.00744 406916.38
3747816.51 0.00826
406925.86 3747816.50 0.00887 406935.35
3747816.50 0.00922
406944.83 3747816.49 0.00930 406954.32

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406963.81	3747816.47	0.00871	406973.29	3747816.46	0.00814
406982.78	3747816.45	0.00746	406992.26	3747816.44	0.00674
407001.75	3747816.43	0.00603	406854.15	3747819.37	0.00264
406846.65	3747811.87	0.00252	406859.46	3747821.57	0.00283
406868.95	3747821.56	0.00341	406878.44	3747821.55	0.00412
406887.92	3747821.54	0.00493	406897.41	3747821.53	0.00578
406906.89	3747821.52	0.00661	406916.38	3747821.51	0.00733
406925.87	3747821.50	0.00788	406935.35	3747821.50	0.00821
406944.84	3747821.49	0.00833	406954.32	3747821.48	0.00822
406963.81	3747821.47	0.00791	406973.30	3747821.46	0.00745
406982.78	3747821.45	0.00690	406992.27	3747821.44	0.00629
407001.75	3747821.43	0.00567	406852.39	3747823.64	0.00240
406842.38	3747813.63	0.00228	406859.47	3747826.57	0.00262
406868.96	3747826.56	0.00314	406878.44	3747826.55	0.00375
406887.93	3747826.54	0.00445	406897.41	3747826.53	0.00518
406906.90	3747826.52	0.00590	406916.39	3747826.51	0.00653
406925.87	3747826.50	0.00703	406935.36	3747826.50	0.00735
406944.84	3747826.49	0.00749	406954.33	3747826.48	0.00743
406963.82	3747826.47	0.00720	406973.30	3747826.46	0.00684
406982.79	3747826.45	0.00639	406992.27	3747826.44	0.00588
407001.76	3747826.43	0.00534	406853.57	3747829.13	0.00227
406847.67	3747826.69	0.00212	406839.33	3747818.35	0.00204

406836.89 3747812.45 0.00209 406859.47
3747831.57 0.00243
406868.96 3747831.56 0.00288 406878.45
3747831.55 0.00342
406887.93 3747831.54 0.00403 406897.42
3747831.53 0.00467
406906.90 3747831.52 0.00529 406916.39
3747831.51 0.00585
406925.88 3747831.50 0.00630 406935.36
3747831.50 0.00660
406944.85 3747831.49 0.00675 406954.33
3747831.48 0.00674
406963.82 3747831.47 0.00658 406973.31
3747831.46 0.00630
406982.79 3747831.45 0.00592 406992.28
3747831.44 0.00549
407001.76 3747831.43 0.00503 406852.40
3747833.64 0.00209
406845.32 3747830.71 0.00193 406835.31
3747820.70 0.00185
406832.38 3747813.62 0.00191 406859.48
3747836.57 0.00226
406868.97 3747836.56 0.00266 406878.45
3747836.55 0.00313
406887.94 3747836.54 0.00366 406897.42
3747836.53 0.00422
406906.91 3747836.52 0.00477 406916.40
3747836.51 0.00526
406925.88 3747836.50 0.00567 406935.37
3747836.50 0.00596
406944.85 3747836.49 0.00612 406954.34
3747836.48 0.00613
406963.83 3747836.47 0.00602 406973.31
3747836.46 0.00580
406982.80 3747836.45 0.00550 406992.28
3747836.44 0.00514

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
407001.77	3747836.43	0.00474	406851.22	3747838.15	0.00193
406842.96	3747834.74	0.00176	406831.28	3747823.06	0.00169
406827.87	3747814.80	0.00175	406859.48	3747841.57	0.00210
406868.97	3747841.56	0.00246	406878.46	3747841.55	0.00287
406887.94	3747841.54	0.00334	406897.43		

3747841.53 0.00383
406906.91 3747841.52 0.00431 406916.40
3747841.51 0.00476
406925.89 3747841.50 0.00513 406935.37
3747841.50 0.00540
406944.86 3747841.49 0.00556 406954.34
3747841.48 0.00560
406963.83 3747841.47 0.00553 406973.32
3747841.46 0.00536
406982.80 3747841.45 0.00511 406992.29
3747841.44 0.00481
407001.77 3747841.43 0.00447 406852.41
3747843.64 0.00182
406845.33 3747840.71 0.00170 406838.25
3747837.78 0.00158
406828.24 3747827.77 0.00153 406825.31
3747820.69 0.00158
406822.38 3747813.61 0.00163 406859.49
3747846.57 0.00196
406868.98 3747846.56 0.00228 406878.46
3747846.55 0.00264
406887.95 3747846.54 0.00305 406897.43
3747846.53 0.00349
406906.92 3747846.52 0.00392 406916.41
3747846.51 0.00431
406925.89 3747846.50 0.00465 406935.38
3747846.50 0.00491
406944.86 3747846.49 0.00507 406954.35
3747846.48 0.00513
406963.84 3747846.47 0.00509 406973.32
3747846.46 0.00496
406982.81 3747846.45 0.00476 406992.29
3747846.44 0.00450
407001.78 3747846.43 0.00421 406851.53
3747848.27 0.00169
406843.56 3747844.98 0.00157 406835.60
3747841.68 0.00146
406824.34 3747830.42 0.00141 406821.04
3747822.46 0.00146
406817.75 3747814.49 0.00150 406859.49
3747851.57 0.00183
406868.98 3747851.56 0.00211 406878.47
3747851.55 0.00244
406887.95 3747851.54 0.00280 406897.44
3747851.53 0.00319
406906.92 3747851.52 0.00357 406916.41
3747851.51 0.00393
406925.90 3747851.50 0.00424 406935.38
3747851.50 0.00448
406944.87 3747851.49 0.00464 406954.35
3747851.48 0.00471
406963.84 3747851.47 0.00469 406973.33
3747851.46 0.00459
406982.81 3747851.45 0.00443 406992.30
3747851.44 0.00422
407001.78 3747851.43 0.00397 406852.42
3747853.64 0.00160
406845.34 3747850.71 0.00150 406838.26
3747847.78 0.00141
406831.18 3747844.85 0.00132 406821.17
3747834.84 0.00128
406818.24 3747827.76 0.00133 406815.31
3747820.68 0.00137
406812.38 3747813.60 0.00140 406859.50
3747856.57 0.00171
406868.99 3747856.56 0.00197 406878.47

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406925.90	3747856.50	0.00387	406935.39	3747856.50	0.00410
406944.87	3747856.49	0.00425	406954.36	3747856.48	0.00433
406963.85	3747856.47	0.00433	406973.33	3747856.46	0.00427
406982.82	3747856.45	0.00414	406992.30	3747856.44	0.00396
407001.79	3747856.43	0.00375	406851.72	3747858.35	0.00150
406843.93	3747855.13	0.00140	406836.14	3747851.90	0.00131
406828.35	3747848.68	0.00122	406817.34	3747837.67	0.00119
406814.12	3747829.88	0.00123	406810.89	3747822.09	0.00127
406807.67	3747814.30	0.00130	406859.50	3747861.57	0.00160
406868.99	3747861.56	0.00183	406878.48	3747861.55	0.00210
406887.96	3747861.54	0.00239	406897.45	3747861.53	0.00269
406906.93	3747861.52	0.00300	406916.42	3747861.51	0.00329
406925.91	3747861.50	0.00355	406935.39	3747861.50	0.00376
406944.88	3747861.49	0.00391	406954.36	3747861.48	0.00400
406963.85	3747861.47	0.00401	406973.34	3747861.46	0.00397
406982.82	3747861.45	0.00387	406992.31	3747861.44	0.00372
407001.79	3747861.43	0.00354	406851.01	3747863.06	0.00140
406834.02	3747856.03	0.00121	406825.52	3747852.51	0.00113
406813.51	3747840.50	0.00110	406809.99	3747832.00	0.00114
406806.48	3747823.51	0.00118	406802.96	3747815.01	0.00121

406859.51 3747866.57 0.00150 406869.00
3747866.56 0.00171
406878.48 3747866.55 0.00195 406887.97
3747866.54 0.00221
406897.45 3747866.53 0.00249 406906.94
3747866.52 0.00276
406916.43 3747866.51 0.00303 406925.91
3747866.50 0.00327
406935.40 3747866.50 0.00346 406944.88
3747866.49 0.00361
406954.37 3747866.48 0.00369 406963.86
3747866.47 0.00372
406973.34 3747866.46 0.00370 406982.83
3747866.45 0.00362
406992.31 3747866.44 0.00350 407001.80
3747866.43 0.00334
406851.84 3747868.40 0.00133 406844.17
3747865.22 0.00125
406836.50 3747862.05 0.00117 406828.83
3747858.88 0.00110
406821.16 3747855.70 0.00104 406810.32
3747844.86 0.00102
406807.14 3747837.19 0.00105 406803.97
3747829.52 0.00108
406800.80 3747821.85 0.00111 406797.62
3747814.18 0.00114
406859.51 3747871.57 0.00141 406869.00
3747871.56 0.00160
406878.49 3747871.55 0.00182 406887.97
3747871.54 0.00205
406897.46 3747871.53 0.00230 406906.94
3747871.52 0.00255
406916.43 3747871.51 0.00279 406925.92
3747871.50 0.00301
406935.40 3747871.50 0.00320 406944.89
3747871.49 0.00333
406954.37 3747871.48 0.00342 406963.86
3747871.47 0.00346
406973.35 3747871.46 0.00345 406982.83
3747871.45 0.00339

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406992.32	3747871.44	0.00329	407001.80	3747871.43	0.00316
406851.26	3747873.15	0.00125	406843.00	3747869.74	0.00117
406834.74	3747866.32	0.00110	406826.47		

3747862.90 0.00103
406818.21 3747859.48 0.00097 406806.54
3747847.81 0.00094
406803.12 3747839.55 0.00098 406799.70
3747831.28 0.00101
406796.28 3747823.02 0.00104 406792.87
3747814.76 0.00107
406859.52 3747876.57 0.00133 406869.00
3747876.56 0.00150
406878.49 3747876.55 0.00170 406887.98
3747876.54 0.00191
406897.46 3747876.53 0.00214 406906.95
3747876.52 0.00237
406916.43 3747876.51 0.00259 406925.92
3747876.50 0.00279
406935.41 3747876.50 0.00296 406944.89
3747876.49 0.00309
406954.38 3747876.48 0.00318 406963.86
3747876.47 0.00322
406973.35 3747876.46 0.00322 406982.84
3747876.45 0.00318
406992.32 3747876.44 0.00310 407001.81
3747876.43 0.00299
406851.94 3747878.43 0.00119 406844.35
3747875.29 0.00112
406836.76 3747872.16 0.00106 406829.18
3747869.02 0.00100
406821.59 3747865.88 0.00094 406814.00
3747862.74 0.00089
406803.28 3747852.02 0.00088 406800.14
3747844.43 0.00091
406797.00 3747836.84 0.00093 406793.86
3747829.26 0.00096
406790.73 3747821.67 0.00098 406787.59
3747814.08 0.00100
406859.52 3747881.57 0.00126 406869.01
3747881.56 0.00141
406878.50 3747881.55 0.00159 406887.98
3747881.54 0.00178
406897.47 3747881.53 0.00199 406906.95
3747881.52 0.00220
406916.44 3747881.51 0.00240 406925.93
3747881.50 0.00258
406935.41 3747881.50 0.00274 406944.90
3747881.49 0.00287
406954.38 3747881.48 0.00296 406963.87
3747881.47 0.00301
406973.36 3747881.46 0.00302 406982.84
3747881.45 0.00298
406992.33 3747881.44 0.00292 407001.81
3747881.43 0.00283
406851.44 3747883.22 0.00112 406843.34
3747879.88 0.00105
406835.25 3747876.53 0.00099 406827.16
3747873.18 0.00094
406819.07 3747869.83 0.00088 406810.97
3747866.49 0.00084
406799.53 3747855.05 0.00082 406796.19
3747846.95 0.00085
406792.84 3747838.86 0.00088 406789.49
3747830.77 0.00090
406786.14 3747822.68 0.00092 406782.80
3747814.58 0.00094
406859.53 3747886.57 0.00119 406869.01
3747886.56 0.00133
406878.50 3747886.55 0.00149 406887.99

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406897.47	3747886.54	0.00167			
406916.44	3747886.53	0.00186	406906.96	3747886.52	0.00204
406935.42	3747886.51	0.00223	406925.93	3747886.50	0.00240
406954.39	3747886.50	0.00255	406944.90	3747886.49	0.00267
406973.36	3747886.48	0.00276	406963.87	3747886.47	0.00281
406992.33	3747886.46	0.00283	406982.85	3747886.45	0.00281
406850.94	3747886.44	0.00275	407001.82	3747886.43	0.00268
406833.74	3747888.01	0.00106	406842.34	3747884.46	0.00099
406807.94	3747880.90	0.00093	406816.54	3747873.79	0.00083
406792.23	3747870.23	0.00078	406795.79	3747858.08	0.00077
406785.12	3747849.48	0.00080	406788.68	3747840.88	0.00082
406778.01	3747832.28	0.00085	406781.56	3747823.68	0.00087
406869.02	3747815.08	0.00089	406859.53	3747891.57	0.00112
406887.99	3747891.56	0.00126	406878.51	3747891.55	0.00140
406906.96	3747891.54	0.00156	406897.48	3747891.53	0.00173
406925.94	3747891.52	0.00191	406916.45	3747891.51	0.00208
406944.91	3747891.50	0.00223	406935.42	3747891.50	0.00237
406963.88	3747891.49	0.00249	406954.39	3747891.48	0.00258
406982.85	3747891.47	0.00263	406973.37	3747891.46	0.00265
407001.82	3747891.45	0.00264	406992.34	3747891.44	0.00260
406843.61	3747891.43	0.00254	406851.57	3747893.27	0.00101
406827.67	3747889.98	0.00095	406835.64	3747886.68	0.00090
	3747883.39	0.00085	406819.71	3747880.09	0.00081

406811.74	3747876.80	0.00077	406803.78	
3747873.50	0.00073			
406792.52	3747862.24	0.00072	406789.22	
3747854.28	0.00074			
406785.93	3747846.31	0.00076	406782.63	
3747838.35	0.00079			
406779.34	3747830.38	0.00081	406776.04	
3747822.41	0.00082			
406772.75	3747814.45	0.00084	406859.54	
3747896.57	0.00106			
406869.02	3747896.56	0.00119	406878.51	
3747896.55	0.00132			
406888.00	3747896.54	0.00147	406897.48	
3747896.53	0.00162			
406906.97	3747896.52	0.00178	406916.45	
3747896.51	0.00194			
406925.94	3747896.50	0.00209	406935.43	
3747896.50	0.00222			
406944.91	3747896.49	0.00233	406954.40	
3747896.48	0.00241			
406963.88	3747896.47	0.00246	406973.37	
3747896.46	0.00249			
406982.86	3747896.45	0.00249	406992.34	
3747896.44	0.00246			
407001.83	3747896.43	0.00240	406851.13	
3747898.09	0.00095			
406842.73	3747894.61	0.00090	406834.32	
3747891.14	0.00085			
406825.91	3747887.66	0.00080	406817.50	
3747884.18	0.00076			
406809.09	3747880.70	0.00072	406800.68	
3747877.22	0.00068			
406788.80	3747865.34	0.00067	406785.32	
3747856.93	0.00070			
406781.84	3747848.52	0.00072	406778.36	
3747840.11	0.00074			
406774.88	3747831.70	0.00076	406771.41	
3747823.29	0.00078			
406767.93	3747814.89	0.00079	406859.54	
3747901.57	0.00101			
406869.03	3747901.56	0.00112	406878.52	
3747901.55	0.00125			
406888.00	3747901.54	0.00138	406897.49	
3747901.53	0.00152			

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
406906.97	3747901.52	0.00167	406916.46		

3747901.51	0.00181		
406925.95	3747901.50	0.00195	406935.43
3747901.50	0.00207		
406944.92	3747901.49	0.00218	406954.40
3747901.48	0.00226		
406963.89	3747901.47	0.00231	406973.38
3747901.46	0.00234		
406982.86	3747901.45	0.00235	406992.35
3747901.44	0.00233		
407001.83	3747901.43	0.00228	406851.68
3747903.32	0.00091		
406843.81	3747900.06	0.00086	406835.95
3747896.81	0.00082		
406828.08	3747893.55	0.00078	406820.21
3747890.30	0.00074		
406812.34	3747887.04	0.00070	406804.47
3747883.79	0.00067		
406796.61	3747880.54	0.00064	406785.48
3747869.41	0.00063		
406782.23	3747861.55	0.00065	406778.98
3747853.68	0.00067		
406775.72	3747845.81	0.00069	406772.47
3747837.94	0.00071		
406769.21	3747830.07	0.00072	406765.96
3747822.21	0.00074		
406762.70	3747814.34	0.00075	406859.55
3747906.57	0.00096		
406869.03	3747906.56	0.00106	406878.52
3747906.55	0.00118		
406888.01	3747906.54	0.00130	406897.49
3747906.53	0.00143		
406906.98	3747906.52	0.00157	406916.46
3747906.51	0.00170		
406925.95	3747906.50	0.00183	406935.44
3747906.50	0.00194		
406944.92	3747906.49	0.00204	406954.41
3747906.48	0.00212		
406963.89	3747906.47	0.00217	406973.38
3747906.46	0.00221		
406982.87	3747906.45	0.00222	406992.35
3747906.44	0.00220		
407001.84	3747906.43	0.00217	406859.45
3747806.57	0.00355		
407001.74	3747806.43	0.00678	407001.87
3747664.29	0.00304		
406859.59	3747664.15		
0.00274			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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     (M)        CONC     (YYMMDDHH)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407026.81	3747730.64	0.11525	(12122416)	407026.82	3747721.17	0.11777	(15122816)
407026.83	3747711.69	0.12602	(15122816)	407026.84	3747702.22	0.12977	(15122816)
407026.84	3747692.74	0.12908	(15122816)	407026.85	3747683.26	0.12437	(15122816)
407026.86	3747673.79	0.11645	(15122816)	407026.87	3747664.31	0.10626	(15122816)
407028.81	3747813.52	0.09222	(13112016)	407025.88	3747820.58	0.09584	(13112016)
407015.89	3747830.57	0.10480	(13112016)	407008.83	3747833.50	0.11270	(12113016)
407031.74	3747806.46	0.09004	(12121416)	407031.75	3747796.98	0.10200	(12121416)
407031.76	3747787.51	0.11231	(12121416)	407031.77	3747778.03	0.11992	(12121416)
407031.77	3747768.55	0.12387	(12121416)	407031.78	3747759.08	0.12342	(12121416)
407031.79	3747749.60	0.11831	(12121416)	407031.80	3747740.13	0.10880	(12121416)
407031.81	3747730.65	0.10709	(12122416)	407031.82	3747721.17	0.10749	(15122816)
407031.83	3747711.70	0.11599	(15122816)	407031.84	3747702.22	0.12053	(15122816)
407031.84	3747692.75	0.12103	(15122816)	407031.85	3747683.27	0.11777	(15122816)
407031.86	3747673.79	0.11140	(15122816)	407031.87	3747664.32	0.10272	(15122816)

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      407033.32   3747814.70        0.08543  (13112016)                407029.91
      3747822.94        0.08992  (13112016)
      407018.25   3747834.60        0.09996  (13112016)                407010.01
      3747838.01        0.10865  (12113016)
      407036.74   3747806.46        0.08774  (12121416)                407036.75
      3747796.99        0.09839  (12121416)
      407036.76   3747787.51        0.10731  (12121416)                407036.77
      3747778.03        0.11357  (12121416)
      407036.77   3747768.56        0.11634  (12121416)                407036.78
      3747759.08        0.11506  (12121416)
      407036.79   3747749.61        0.10959  (12121416)                407036.80
      3747740.13        0.10022  (12121416)
      407036.81   3747730.65        0.09976  (12122416)                407036.82
      3747721.18        0.09893  (12122416)
      407036.83   3747711.70        0.10684  (15122816)                407036.84
      3747702.23        0.11197  (15122816)
      407036.84   3747692.75        0.11344  (15122816)                407036.85
      3747683.27        0.11143  (15122816)
      407036.86   3747673.80        0.10643  (15122816)                407036.87
      3747664.32        0.09910  (15122816)
      407038.81   3747813.53        0.07856  (12121416)                407035.88
      3747820.59        0.08206  (13112016)
      407032.95   3747827.65        0.08542  (13112016)                407022.96
      3747837.64        0.09366  (13112016)
      407015.90   3747840.57        0.09950  (12113016)                407008.84
      3747843.50        0.10709  (12113016)
      407041.74   3747806.47        0.08535  (12121416)                407041.75
      3747796.99        0.09482  (12121416)
      407041.76   3747787.51        0.10249  (12121416)                407041.77
      3747778.04        0.10755  (12121416)
      407041.77   3747768.56        0.10934  (12121416)                407041.78
      3747759.09        0.10739  (12121416)
      407041.79   3747749.61        0.10166  (12121416)                407041.80
      3747740.13        0.09251  (12121416)
      407041.81   3747730.66        0.09315  (12122416)                407041.82
      3747721.18        0.09255  (12122416)
      407041.83   3747711.71        0.09850  (15122816)                407041.84
      3747702.23        0.10405  (15122816)
      407041.84   3747692.75        0.10632  (15122816)                407041.85
      3747683.28        0.10536  (15122816)
      407041.86   3747673.80        0.10156  (15122816)                407041.87
      3747664.33        0.09547  (15122816)
      407043.45   3747814.42        0.07610  (12121416)                407040.15
      3747822.36        0.07659  (13112016)
      407036.86   3747830.30        0.08049  (13112016)                407025.62
      3747841.54        0.08940  (13112016)
      407017.67   3747844.84        0.09564  (12113016)                407009.73
      3747848.13        0.10336  (12113016)
      407046.74   3747806.47        0.08294  (12121416)                407046.75
      3747797.00        0.09130  (12121416)
      407046.76   3747787.52        0.09786  (12121416)                407046.77
      3747778.04        0.10188  (12121416)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       16:20:29

                     PAGE  55
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407046.77	3747768.57	0.10282	(12121416)	407046.78	3747759.09	0.10034	(12121416)
407046.79	3747749.62	0.09446	(12121416)	407046.80	3747740.14	0.08556	(12121416)
407046.81	3747730.66	0.08718	(12122416)	407046.82	3747721.19	0.08677	(12122416)
407046.83	3747711.71	0.09089	(15122816)	407046.84	3747702.24	0.09673	(15122816)
407046.84	3747692.76	0.09963	(15122816)	407046.85	3747683.28	0.09956	(15122816)
407046.86	3747673.81	0.09681	(15122816)	407046.87	3747664.33	0.09182	(15122816)
407048.81	3747813.54	0.07524	(12121416)	407045.88	3747820.60	0.06927	(13112016)
407042.95	3747827.66	0.07349	(13112016)	407040.03	3747834.72	0.07659	(13112016)
407030.04	3747844.71	0.08419	(13112016)	407022.97	3747847.64	0.08873	(13112016)
407015.91	3747850.57	0.09541	(12113016)	407008.85	3747853.50	0.10097	(12113016)
407051.74	3747806.48	0.08049	(12121416)	407051.75	3747797.00	0.08787	(12121416)
407051.76	3747787.52	0.09341	(12121416)	407051.77	3747778.05	0.09653	(12121416)
407051.77	3747768.57	0.09676	(12121416)	407051.78	3747759.10	0.09385	(12121416)
407051.79	3747749.62	0.08788	(12121416)	407051.80	3747740.14	0.07979	(12122416)
407051.81	3747730.67	0.08176	(12122416)	407051.82	3747721.19	0.08151	(12122416)
407051.83	3747711.72	0.08394	(15122816)	407051.84	3747702.24	0.08996	(15122816)
407051.84	3747692.76	0.09336	(15122816)	407051.85	3747683.29	0.09404	(15122816)
407051.86	3747673.81	0.09220	(15122816)	407051.87	3747664.34	0.08819	(15122816)
407053.52	3747814.25	0.07294	(12121416)	407050.30	3747822.02	0.06648	(12121416)
407047.08	3747829.78	0.06897	(13112016)	407043.85	3747837.55	0.07245	(13112016)
407032.86	3747848.54	0.08047	(13112016)	407025.10	3747851.76	0.08505	(13112016)
407017.33	3747854.99	0.09200	(12113016)	407009.56	3747858.21	0.09741	(12113016)
407056.74	3747806.48	0.07805	(12121416)	407056.75	3747797.00	0.08450	(12121416)
407056.76	3747787.53	0.08915	(12121416)	407056.77	3747778.05	0.09148	(12121416)
407056.77	3747768.58	0.09111	(12121416)	407056.78	3747759.10	0.08787	(12121416)
407056.79	3747749.62	0.08188	(12121416)	407056.80	3747740.15	0.07493	(12122416)
407056.81	3747730.67	0.07682	(12122416)	407056.82	3747721.20	0.07670	(12122416)
407056.83	3747711.72	0.07761	(15122816)	407056.84	3747702.24	0.08371	(15122816)
407056.84	3747692.77	0.08749	(15122816)	407056.85	3747683.29	0.08879	(15122816)
407056.86	3747673.82	0.08774	(15122816)	407056.87			

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407061.84	3747692.77	0.08200	(15122816)	407061.85	3747683.30	0.08381	(15122816)
407061.86	3747673.82	0.08344	(15122816)	407061.87	3747664.34	0.08109	(15122816)
407063.57	3747814.14	0.06945	(12121416)	407060.39	3747821.79	0.06442	(12121416)
407057.22	3747829.44	0.05991	(12121716)	407054.05	3747837.09	0.06241	(13112016)
407050.88	3747844.74	0.06552	(13112016)	407040.05	3747855.56	0.07281	(13112016)
407032.40	3747858.74	0.07702	(13112016)	407024.75	3747861.91	0.08227	(12113016)
407017.10	3747865.08	0.08761	(12113016)	407009.45	3747868.26	0.09120	(14120316)
407066.74	3747806.49	0.07317	(12121416)	407066.75	3747797.01	0.07805	(12121416)
407066.76	3747787.54	0.08119	(12121416)	407066.77	3747778.06	0.08223	(12121416)
407066.77	3747768.59	0.08095	(12121416)	407066.78	3747759.11	0.07727	(12121416)
407066.79	3747749.63	0.07138	(12121416)	407066.80	3747740.16	0.06646	(12122416)
407066.81	3747730.68	0.06820	(12122416)	407066.82	3747721.21	0.06828	(12122416)

407066.83	3747711.73	0.06672	(12122416)	407066.84
3747702.25	0.07260	(15122816)		
407066.84	3747692.78	0.07687	(15122816)	407066.85
3747683.30	0.07910	(15122816)		
407066.86	3747673.83	0.07931	(15122816)	407066.87
3747664.35	0.07764	(15122816)		
407068.32	3747814.73	0.06731	(12121416)	407064.91
3747822.97	0.06239	(12121416)		
407061.49	3747831.21	0.05744	(12121716)	407058.07
3747839.45	0.05889	(13112016)		
407054.66	3747847.69	0.06222	(13112016)	407043.00
3747859.34	0.06975	(13112016)		
407034.76	3747862.76	0.07398	(13112016)	407026.52
3747866.18	0.07937	(12113016)		
407018.29	3747869.60	0.08459	(12113016)	407010.05
3747873.01	0.08832	(14120316)		
407071.74	3747806.49	0.07077	(12121416)	407071.75
3747797.02	0.07496	(12121416)		
407071.76	3747787.54	0.07748	(12121416)	407071.77
3747778.07	0.07801	(12121416)		
407071.77	3747768.59	0.07637	(12121416)	407071.78
3747759.11	0.07256	(12121416)		
407071.79	3747749.64	0.06678	(12121416)	407071.80
3747740.16	0.06275	(12122416)		
407071.81	3747730.69	0.06442	(12122416)	407071.82
3747721.21	0.06457	(12122416)		
407071.83	3747711.73	0.06323	(12122416)	407071.84
3747702.26	0.06767	(15122816)		
407071.84	3747692.78	0.07207	(15122816)	407071.85
3747683.31	0.07464	(15122816)		
407071.86	3747673.83	0.07534	(15122816)	407071.87
3747664.35	0.07428	(15122816)		
407073.60	3747814.06	0.06580	(12121416)	407070.46
3747821.63	0.06195	(12121416)		
407067.33	3747829.20	0.05711	(12121416)	407064.19
3747836.76	0.05508	(12121716)		
407061.05	3747844.33	0.05672	(13112016)	407057.91
3747851.90	0.05955	(13112016)		
407047.21	3747862.60	0.06618	(13112016)	407039.64
3747865.74	0.07005	(13112016)		
407032.08	3747868.88	0.07386	(12113016)	407024.51
3747872.01	0.07904	(12113016)		
407016.95	3747875.15	0.08278	(12113016)	407009.38
3747878.29	0.08680	(14120316)		
407076.74	3747806.50	0.06841	(12121416)	407076.75
3747797.02	0.07198	(12121416)		
407076.76	3747787.55	0.07394	(12121416)	407076.77
3747778.07	0.07403	(12121416)		
407076.77	3747768.59	0.07211	(12121416)	407076.78
3747759.12	0.06822	(12121416)		
407076.79	3747749.64	0.06255	(12121416)	407076.80
3747740.17	0.05934	(12122416)		
407076.81	3747730.69	0.06094	(12122416)	407076.82
3747721.21	0.06116	(12122416)		
407076.83	3747711.74	0.06000	(12122416)	407076.84
3747702.26	0.06312	(15122816)		

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

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407076.84	3747692.79	0.06760	(15122816)	407076.85	3747683.31	0.07043	(15122816)
407076.86	3747673.83	0.07155	(15122816)	407076.87	3747664.36	0.07102	(15122816)
407078.39	3747814.57	0.06374	(12121416)	407075.05	3747822.64	0.06006	(12121416)
407071.70	3747830.71	0.05528	(12121416)	407068.35	3747838.79	0.05294	(12121716)
407065.00	3747846.86	0.05371	(13112016)	407061.66	3747854.93	0.05668	(13112016)
407050.24	3747866.34	0.06349	(13112016)	407042.17	3747869.69	0.06736	(13112016)
407026.03	3747876.39	0.07638	(12113016)	407017.96	3747879.73	0.07993	(12113016)
407009.89	3747883.08	0.08413	(14120316)	407081.74	3747806.50	0.06609	(12121416)
407081.75	3747797.03	0.06910	(12121416)	407081.76	3747787.55	0.07057	(12121416)
407081.77	3747778.08	0.07028	(12121416)	407081.77	3747768.60	0.06814	(12121416)
407081.78	3747759.12	0.06419	(12121416)	407081.79	3747749.65	0.05866	(12121416)
407081.80	3747740.17	0.05621	(12122416)	407081.81	3747730.70	0.05774	(12122416)
407081.82	3747721.22	0.05800	(12122416)	407081.83	3747711.74	0.05700	(12122416)
407081.84	3747702.27	0.05891	(15122816)	407081.84	3747692.79	0.06342	(15122816)
407081.85	3747683.32	0.06646	(15122816)	407081.86	3747673.84	0.06793	(15122816)
407081.87	3747664.36	0.06785	(15122816)	407083.18	3747815.08	0.06175	(12121416)
407079.63	3747823.66	0.05823	(12121416)	407076.07	3747832.23	0.05352	(12121416)
407072.51	3747840.81	0.05091	(12121716)	407068.96	3747849.38	0.05089	(13112016)
407065.40	3747857.96	0.05401	(13112016)	407053.27	3747870.09	0.06096	(13112016)
407044.70	3747873.65	0.06483	(13112016)	407036.12	3747877.20	0.06880	(12113016)
407027.55	3747880.76	0.07384	(12113016)	407018.97	3747884.32	0.07718	(12113016)
407010.40	3747887.87	0.08156	(14120316)	407086.74	3747806.51	0.06381	(12121416)
407086.75	3747797.03	0.06633	(12121416)	407086.76	3747787.56	0.06736	(12121416)
407086.77	3747778.08	0.06675	(12121416)	407086.77	3747768.60	0.06442	(12121416)
407086.78	3747759.13	0.06046	(12121416)	407086.79	3747749.65	0.05512	(16010616)
407086.80	3747740.18	0.05331	(12122416)	407086.81	3747730.70	0.05478	(12122416)
407086.82	3747721.22	0.05508	(12122416)	407086.83	3747711.75	0.05423	(12122416)
407086.84	3747702.27	0.05501	(15122816)	407086.84			

3747692.80 0.05953 (15122816)
407086.85 3747683.32 0.06272 (15122816) 407086.86
3747673.84 0.06448 (15122816)
407086.87 3747664.37 0.06480 (15122816) 407088.45
3747814.46 0.06012 (12121416)
407085.15 3747822.40 0.05744 (12121416) 407081.86
3747830.35 0.05371 (12121416)
407078.56 3747838.29 0.04917 (12121416) 407075.27
3747846.23 0.04894 (12121716)
407071.97 3747854.18 0.04916 (13112016) 407068.68
3747862.12 0.05184 (13112016)
407057.44 3747873.36 0.05802 (13112016) 407049.49
3747876.66 0.06159 (13112016)
407041.55 3747879.95 0.06422 (12113016) 407033.61
3747883.25 0.06914 (12113016)
407025.66 3747886.54 0.07283 (12113016) 407017.72
3747889.84 0.07500 (12113016)
407009.77 3747893.13 0.07993 (14120316) 407091.74
3747806.51 0.06160 (12121416)
407091.75 3747797.04 0.06366 (12121416) 407091.76
3747787.56 0.06431 (12121416)
407091.77 3747778.08 0.06342 (12121416) 407091.77
3747768.61 0.06096 (12121416)
407091.78 3747759.13 0.05700 (12121416) 407091.79
3747749.66 0.05245 (16010616)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407091.80	3747740.18	0.05063	(12122416)	407091.81	3747730.70	0.05204	(12122416)
407091.82	3747721.23	0.05237	(12122416)	407091.83	3747711.75	0.05164	(12122416)
407091.84	3747702.28	0.05141	(15122816)	407091.84	3747692.80	0.05589	(15122816)
407091.85	3747683.32	0.05919	(15122816)	407091.86	3747673.85	0.06119	(15122816)
407091.87	3747664.37	0.06185	(15122816)	407093.26	3747814.90	0.05822	(12121416)
407089.78	3747823.29	0.05572	(12121416)	407086.31	3747831.67	0.05210	(12121416)
407082.83	3747840.06	0.04759	(12121416)	407079.35	3747848.45	0.04716	(12121716)
407075.87	3747856.83	0.04673	(13112016)	407072.40	3747865.22	0.04950	(13112016)
407060.53	3747877.08	0.05579	(13112016)	407052.15	3747880.56	0.05933	(13112016)
407043.76	3747884.04	0.06202	(12113016)	407035.38	3747887.52	0.06689	(12113016)

407026.99 3747890.99 0.07044 (12113016) 407018.60
3747894.47 0.07240 (12113016)
407010.22 3747897.95 0.07751 (14120316) 407096.74
3747806.52 0.05943 (12121416)
407096.75 3747797.04 0.06109 (12121416) 407096.76
3747787.56 0.06141 (12121416)
407096.77 3747778.09 0.06029 (12121416) 407096.77
3747768.61 0.05771 (12121416)
407096.78 3747759.14 0.05379 (12121416) 407096.79
3747749.66 0.04995 (16010616)
407096.80 3747740.18 0.04815 (12122416) 407096.81
3747730.71 0.04949 (12122416)
407096.82 3747721.23 0.04986 (12122416) 407096.83
3747711.76 0.04923 (12122416)
407096.84 3747702.28 0.04833 (16011916) 407096.84
3747692.80 0.05250 (15122816)
407096.85 3747683.33 0.05587 (15122816) 407096.86
3747673.85 0.05806 (15122816)
407096.87 3747664.38 0.05901 (15122816) 407098.49
3747814.37 0.05655 (12121416)
407095.23 3747822.21 0.05468 (12121416) 407091.98
3747830.06 0.05183 (12121416)
407088.72 3747837.91 0.04817 (12121416) 407085.47
3747845.75 0.04536 (12121716)
407082.22 3747853.60 0.04537 (12121716) 407078.96
3747861.45 0.04515 (13112016)
407075.71 3747869.29 0.04758 (13112016) 407064.61
3747880.39 0.05323 (13112016)
407056.76 3747883.65 0.05650 (13112016) 407048.91
3747886.90 0.05902 (13112016)
407041.07 3747890.16 0.06275 (12113016) 407033.22
3747893.41 0.06645 (12113016)
407025.38 3747896.67 0.06892 (12113016) 407017.53
3747899.92 0.07051 (14120316)
407009.68 3747903.18 0.07579 (14120316) 407101.74
3747806.52 0.05733 (12121416)
407101.75 3747797.05 0.05863 (12121416) 407101.76
3747787.57 0.05866 (12121416)
407101.77 3747778.09 0.05734 (12121416) 407101.77
3747768.62 0.05468 (12121416)
407101.78 3747759.14 0.05080 (12121416) 407101.79
3747749.67 0.04761 (16010616)
407101.80 3747740.19 0.04584 (12122416) 407101.81
3747730.71 0.04713 (12122416)
407101.82 3747721.24 0.04751 (12122416) 407101.83
3747711.76 0.04698 (12122416)
407101.84 3747702.29 0.04615 (16011916) 407101.84
3747692.81 0.04934 (15122816)
407101.85 3747683.33 0.05275 (15122816) 407101.86
3747673.86 0.05509 (15122816)
407101.87 3747664.38 0.05629 (15122816) 407001.87
3747659.29 0.11105 (15122816)
406992.39 3747659.28 0.11289 (15122816) 406982.90
3747659.27 0.11772 (13121016)
406973.42 3747659.26 0.12390 (12122016) 406963.93
3747659.25 0.13409 (12122016)
406954.45 3747659.24 0.14149 (12122016) 406944.96
3747659.23 0.14511 (12122016)
406935.48 3747659.22 0.14415 (12122016) 406925.99
3747659.22 0.13819 (12122016)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406916.51	3747659.21	0.13200	(16120216)	406907.02	3747659.20	0.12643	(16120216)
406897.54	3747659.19	0.12352	(13112916)	406888.05	3747659.18	0.12696	(13112916)
406878.57	3747659.17	0.12777	(13112916)	406869.08	3747659.16	0.12631	(13112916)
406859.59	3747659.15	0.12298	(13112916)	407001.88	3747654.29	0.10089	(15122816)
406992.39	3747654.28	0.10417	(13121016)	406982.91	3747654.27	0.10977	(13121016)
406973.42	3747654.26	0.11556	(12122016)	406963.94	3747654.25	0.12397	(12122016)
406954.45	3747654.24	0.12975	(12122016)	406944.97	3747654.23	0.13211	(12122016)
406935.48	3747654.22	0.13043	(12122016)	406926.00	3747654.22	0.12446	(12122016)
406916.51	3747654.21	0.12180	(16120216)	406907.03	3747654.20	0.11734	(16120216)
406897.54	3747654.19	0.10934	(16120216)	406888.06	3747654.18	0.11136	(13112916)
406878.57	3747654.17	0.11387	(13112916)	406869.09	3747654.16	0.11422	(13112916)
406859.60	3747654.15	0.11272	(13112916)	407007.19	3747651.49	0.09502	(15122816)
407014.68	3747659.00	0.10589	(15122816)	407001.88	3747649.29	0.09232	(13121016)
406992.40	3747649.28	0.09807	(13121016)	406982.91	3747649.27	0.10214	(13121016)
406973.43	3747649.26	0.10790	(12122016)	406963.94	3747649.25	0.11482	(12122016)
406954.46	3747649.24	0.11927	(12122016)	406944.97	3747649.23	0.12064	(12122016)
406935.49	3747649.22	0.11845	(12122016)	406926.00	3747649.22	0.11254	(12122016)
406916.52	3747649.21	0.11271	(16120216)	406907.03	3747649.20	0.10915	(16120216)
406897.55	3747649.19	0.10239	(16120216)	406888.06	3747649.18	0.09725	(13112916)
406878.58	3747649.17	0.10100	(13112916)	406869.09	3747649.16	0.10279	(13112916)
406859.60	3747649.15	0.10279	(13112916)	407008.96	3747647.23	0.08747	(15122816)
407018.95	3747657.23	0.10134	(15122816)	407001.89	3747644.29	0.08767	(13121016)
406992.40	3747644.28	0.09212	(13121016)	406982.92	3747644.27	0.09487	(13121016)
406973.43	3747644.26	0.10086	(12122016)	406963.95	3747644.25	0.10652	(12122016)
406954.46	3747644.24	0.10990	(12122016)	406944.98	3747644.23	0.11048	(12122016)
406935.49	3747644.22	0.10792	(12122016)	406926.01			

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       3747644.22        0.10405  (16120216)
       406916.52   3747644.21        0.10458  (16120216)                406907.04
       3747644.20        0.10176  (16120216)
       406897.55   3747644.19        0.09604  (16120216)                406888.07
       3747644.18        0.08805  (16120216)
       406878.58   3747644.17        0.08920  (13112916)                406869.10
       3747644.16        0.09207  (13112916)
       406859.61   3747644.15        0.09329  (13112916)                407007.78
       3747641.74        0.08224  (13121016)
       407013.67   3747644.18        0.08245  (15122816)                407022.00
       3747652.52        0.09346  (15122816)
       407024.43   3747658.42        0.10045  (15122816)                407001.89
       3747639.29        0.08305  (13121016)
       406992.41   3747639.28        0.08636  (13121016)                406982.92
       3747639.27        0.08816  (12122016)
       406973.44   3747639.26        0.09438  (12122016)                406963.95
       3747639.25        0.09899  (12122016)
       406954.47   3747639.24        0.10148  (12122016)                406944.98
       3747639.23        0.10145  (12122016)
       406935.50   3747639.22        0.09864  (12122016)                406926.01
       3747639.22        0.09648  (16120216)
       406916.53   3747639.21        0.09727  (16120216)                406907.04
       3747639.20        0.09507  (16120216)
       406897.56   3747639.19        0.09023  (16120216)                406888.07
       3747639.18        0.08328  (16120216)
       406878.59   3747639.17        0.07847  (13112916)                406869.10
       3747639.16        0.08214  (13112916)
       406859.61   3747639.15        0.08431  (13112916)                407008.97
       3747637.23        0.07814  (13121016)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        06/27/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        16:20:29

                     PAGE  60
 *** MODELOPTs:    NonDFAULT  CONC  FLAT  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     VOL1        ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD
      (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
       407016.04   3747640.16        0.07646  (15122816)                407026.03
       3747650.17        0.08908  (15122816)
       407028.95   3747657.24        0.09671  (15122816)                407001.90
       3747634.29        0.07849  (13121016)
       406992.41   3747634.28        0.08080  (13121016)                406982.93
       3747634.27        0.08316  (12122016)
       406973.44   3747634.26        0.08841  (12122016)                406963.96
       3747634.25        0.09213  (12122016)
       406954.47   3747634.24        0.09390  (12122016)                406944.99
       3747634.23        0.09339  (12122016)
       406935.50   3747634.22        0.09041  (12122016)                406926.02
       3747634.22        0.08970  (16120216)
       406916.53   3747634.21        0.09069  (16120216)                406907.05
       3747634.20        0.08901  (16120216)
       406897.56   3747634.19        0.08491  (16120216)                406888.08
       3747634.18        0.07886  (16120216)
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406859.62 3747634.15 0.07588 (13112916) 407010.15
3747632.71 0.07423 (13121016)
407018.40 3747636.14 0.07262 (13121016) 407030.05
3747647.82 0.08502 (15122816)
407033.46 3747656.07 0.09314 (15122816) 407001.90
3747629.29 0.07404 (13121016)
406992.42 3747629.28 0.07548 (13121016) 406982.93
3747629.27 0.07849 (12122016)
406973.45 3747629.26 0.08291 (12122016) 406963.96
3747629.25 0.08588 (12122016)
406954.48 3747629.24 0.08705 (12122016) 406944.99
3747629.23 0.08617 (12122016)
406935.51 3747629.22 0.08310 (12122016) 406926.02
3747629.22 0.08360 (16120216)
406916.54 3747629.21 0.08475 (16120216) 406907.05
3747629.20 0.08348 (16120216)
406897.57 3747629.19 0.08002 (16120216) 406888.08
3747629.18 0.07474 (16120216)
406878.60 3747629.17 0.06812 (16120216) 406869.11
3747629.16 0.06464 (13112916)
406859.62 3747629.15 0.06804 (13112916) 407008.98
3747627.23 0.07054 (13121016)
407016.05 3747630.16 0.07009 (13121016) 407023.11
3747633.10 0.06848 (13121016)
407033.10 3747643.11 0.07881 (15122816) 407036.03
3747650.18 0.08575 (15122816)
407038.95 3747657.25 0.09142 (15122816) 407001.91
3747624.29 0.06971 (13121016)
406992.42 3747624.28 0.07041 (13121016) 406982.94
3747624.27 0.07413 (12122016)
406973.45 3747624.26 0.07783 (12122016) 406963.97
3747624.25 0.08017 (12122016)
406954.48 3747624.24 0.08085 (12122016) 406945.00
3747624.23 0.07969 (12122016)
406935.51 3747624.22 0.07658 (12122016) 406926.03
3747624.22 0.07809 (16120216)
406916.54 3747624.21 0.07935 (16120216) 406907.06
3747624.20 0.07844 (16120216)
406897.57 3747624.19 0.07552 (16120216) 406888.09
3747624.18 0.07091 (16120216)
406878.60 3747624.17 0.06502 (16120216) 406869.11
3747624.16 0.05830 (16120216)
406859.63 3747624.15 0.06080 (13112916) 407009.87
3747622.59 0.06688 (13121016)
407017.82 3747625.90 0.06676 (13121016) 407025.77
3747629.20 0.06523 (13121016)
407037.01 3747640.46 0.07516 (15122816) 407040.29
3747648.42 0.08241 (15122816)
407043.58 3747656.37 0.08811 (15122816) 407001.91
3747619.29 0.06552 (13121016)
406992.43 3747619.28 0.06595 (12122016) 406982.94
3747619.27 0.07005 (12122016)
406973.46 3747619.26 0.07314 (12122016) 406963.97
3747619.25 0.07494 (12122016)
406954.49 3747619.24 0.07523 (12122016) 406945.00
3747619.23 0.07385 (12122016)
406935.52 3747619.22 0.07074 (12122016) 406926.03
3747619.22 0.07310 (16120216)
406916.55 3747619.21 0.07444 (16120216) 406907.06
3747619.20 0.07381 (16120216)
406897.58 3747619.19 0.07136 (16120216) 406888.09
3747619.18 0.06734 (16120216)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406878.60	3747619.17	0.06210	(16120216)	406869.12	3747619.16	0.05604	(16120216)
406859.63	3747619.15	0.05417	(13112916)	407008.99	3747617.23	0.06316	(13121016)
407016.06	3747620.16	0.06373	(13121016)	407023.12	3747623.10	0.06324	(13121016)
407030.19	3747626.03	0.06175	(13121016)	407040.18	3747636.04	0.07010	(15122816)
407043.10	3747643.12	0.07644	(15122816)	407046.03	3747650.19	0.08176	(15122816)
407048.95	3747657.26	0.08576	(15122816)	407001.92	3747614.29	0.06150	(13121016)
406992.43	3747614.28	0.06272	(12122016)	406982.95	3747614.27	0.06624	(12122016)
406973.46	3747614.26	0.06880	(12122016)	406963.98	3747614.25	0.07015	(12122016)
406954.49	3747614.24	0.07012	(12122016)	406945.01	3747614.23	0.06857	(12122016)
406935.52	3747614.22	0.06549	(12122016)	406926.04	3747614.22	0.06856	(16120216)
406916.55	3747614.21	0.06995	(16120216)	406907.07	3747614.20	0.06956	(16120216)
406897.58	3747614.19	0.06751	(16120216)	406888.10	3747614.18	0.06400	(16120216)
406878.61	3747614.17	0.05935	(16120216)	406869.12	3747614.16	0.05388	(16120216)
406859.64	3747614.15	0.04938	(14121615)	407009.70	3747612.52	0.05975	(13121016)
407017.47	3747615.75	0.06066	(13121016)	407025.25	3747618.98	0.06036	(13121016)
407033.02	3747622.21	0.05895	(13121016)	407044.01	3747633.22	0.06689	(15122816)
407047.23	3747641.00	0.07341	(15122816)	407050.44	3747648.78	0.07877	(15122816)
407053.66	3747656.56	0.08260	(15122816)	407001.92	3747609.29	0.05764	(13121016)
406992.44	3747609.28	0.05966	(12122016)	406982.95	3747609.27	0.06268	(12122016)
406973.47	3747609.26	0.06478	(12122016)	406963.98	3747609.25	0.06576	(12122016)
406954.50	3747609.24	0.06546	(12122016)	406945.01	3747609.23	0.06380	(12122016)
406935.53	3747609.22	0.06141	(16120216)	406926.04	3747609.22	0.06442	(16120216)
406916.56	3747609.21	0.06584	(16120216)	406907.07	3747609.20	0.06566	(16120216)
406897.59	3747609.19	0.06394	(16120216)	406888.10			

3747609.18 0.06089 (16120216)
406878.61 3747609.17 0.05674 (16120216) 406869.13
3747609.16 0.05182 (16120216)
406859.64 3747609.15 0.04640 (16120216) 407010.41
3747607.81 0.05650 (13121016)
407018.89 3747611.34 0.05775 (13121016) 407027.37
3747614.86 0.05766 (13121016)
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3747630.39 0.06390 (15122816)
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3747604.29 0.05396 (13121016)
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3747604.27 0.05935 (12122016)
406973.47 3747604.26 0.06105 (12122016) 406963.99
3747604.25 0.06171 (12122016)
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3747608.83 0.05524 (13121016)
407032.56 3747612.01 0.05485 (13121016) 407040.22
3747615.19 0.05353 (13121016)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

406935.54 3747599.22 0.05442 (16120216) 406926.05
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407032.23 3747601.87 0.05050 (13121016) 407039.81
3747605.02 0.05006 (13121016)
407047.38 3747608.16 0.04885 (13121016) 407058.08
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406897.61 3747589.19 0.05205 (16120216) 406888.12
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406878.63 3747589.17 0.04769 (16120216) 406869.15
3747589.16 0.04441 (16120216)
406859.66 3747589.15 0.04065 (16120216) 407010.03
3747587.65 0.04410 (13121016)
407018.10 3747591.00 0.04638 (13121016) 407026.18
3747594.36 0.04782 (13121016)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407042.34	3747601.07	0.04801	(13121016)	407050.41	3747604.42	0.04684	(13121016)
407061.83	3747615.86	0.05156	(15122816)	407065.17	3747623.94	0.05694	(15122816)
407068.51	3747632.03	0.06158	(15122816)	407071.85	3747640.11	0.06520	(15122816)
407075.19	3747648.20	0.06756	(15122816)	407078.53	3747656.28	0.06847	(15122816)
407001.95	3747584.29	0.04485	(12122016)	406992.46	3747584.28	0.04672	(12122016)
406982.98	3747584.27	0.04801	(12122016)	406973.49	3747584.26	0.04860	(12122016)
406964.01	3747584.25	0.04842	(12122016)	406954.52	3747584.24	0.04741	(12122016)
406945.04	3747584.23	0.04558	(12122016)	406935.55	3747584.22	0.04596	(16120216)
406926.07	3747584.22	0.04834	(16120216)	406916.58	3747584.21	0.04976	(16120216)
406907.10	3747584.20	0.05016	(16120216)	406897.61	3747584.19	0.04956	(16120216)
406888.12	3747584.18	0.04805	(16120216)	406878.64	3747584.17	0.04573	(16120216)
406869.15	3747584.16	0.04276	(16120216)	406859.67	3747584.15	0.03933	(16120216)
407010.54	3747582.85	0.04225	(12122016)	407019.12	3747586.42	0.04403	(13121016)
407027.70	3747589.98	0.04565	(13121016)	407036.28	3747593.55	0.04633	(13121016)
407044.87	3747597.11	0.04608	(13121016)	407053.45	3747600.68	0.04495	(13121016)
407065.58	3747612.83	0.04940	(15122816)	407069.13	3747621.42	0.05481	(15122816)
407072.68	3747630.01	0.05944	(15122816)	407076.22	3747638.60	0.06298	(15122816)
407079.77	3747647.19	0.06516	(15122816)	407083.32	3747655.78	0.06579	(15122816)
407001.95	3747579.29	0.04293	(12122016)	406992.47	3747579.28	0.04455	(12122016)
406982.98	3747579.27	0.04560	(12122016)	406973.50	3747579.26	0.04601	(12122016)
406964.01	3747579.25	0.04569	(12122016)	406954.53	3747579.24	0.04463	(12122016)
406945.04	3747579.23	0.04281	(12122016)	406935.56	3747579.22	0.04357	(16120216)
406926.07	3747579.22	0.04585	(16120216)	406916.59			

3747579.21		0.04724	(16120216)		
406907.10	3747579.20	0.04770	(16120216)	406897.61	
3747579.19		0.04725	(16120216)		
406888.13	3747579.18	0.04594	(16120216)	406878.64	
3747579.17		0.04387	(16120216)		
406869.16	3747579.16	0.04119	(16120216)	406859.67	
3747579.15		0.03805	(16120216)		
407009.91	3747577.59	0.04066	(12122016)	407017.86	
3747580.90		0.04121	(13121016)		
407025.81	3747584.20	0.04304	(13121016)	407033.76	
3747587.50		0.04413	(13121016)		
407041.72	3747590.80	0.04447	(13121016)	407049.67	
3747594.11		0.04407	(13121016)		
407057.62	3747597.41	0.04298	(13121016)	407068.86	
3747608.67		0.04666	(15122816)		
407072.14	3747616.63	0.05152	(15122816)	407075.43	
3747624.58		0.05581	(15122816)		
407078.72	3747632.54	0.05931	(15122816)	407082.01	
3747640.50		0.06179	(15122816)		
407085.29	3747648.46	0.06310	(15122816)	407088.58	
3747656.41		0.06312	(15122816)		
407001.96	3747574.29	0.04111	(12122016)	406992.47	
3747574.28		0.04249	(12122016)		
406982.99	3747574.27	0.04334	(12122016)	406973.50	
3747574.26		0.04359	(12122016)		
406964.02	3747574.25	0.04317	(12122016)	406954.53	
3747574.24		0.04205	(12122016)		
406945.05	3747574.23	0.04026	(12122016)	406935.56	
3747574.22		0.04136	(16120216)		
406926.08	3747574.22	0.04353	(16120216)	406916.59	
3747574.21		0.04490	(16120216)		
406907.11	3747574.20	0.04541	(16120216)	406897.62	
3747574.19		0.04508	(16120216)		
406888.13	3747574.18	0.04395	(16120216)	406878.65	
3747574.17		0.04211	(16120216)		
406869.16	3747574.16	0.03969	(16120216)	406859.68	
3747574.15		0.03682	(16120216)		

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407010.36	3747572.78	0.03903	(12122016)	407018.75			
3747576.26		0.03905	(13121016)				
407027.14	3747579.75	0.04104	(13121016)	407035.54			
3747583.23		0.04226	(13121016)				
407043.93	3747586.72	0.04271	(13121016)	407052.32			
3747590.21		0.04238	(13121016)				
407060.72	3747593.69	0.04132	(13121016)	407072.58			
3747605.58		0.04475	(15122816)				

407076.05 3747613.98 0.04962 (15122816) 407079.52
3747622.38 0.05391 (15122816)
407082.99 3747630.78 0.05735 (15122816) 407086.46
3747639.18 0.05971 (15122816)
407089.93 3747647.58 0.06082 (15122816) 407093.40
3747655.98 0.06059 (15122816)
407001.96 3747569.29 0.03937 (12122016) 406992.48
3747569.28 0.04055 (12122016)
406982.99 3747569.27 0.04123 (12122016) 406973.51
3747569.26 0.04133 (12122016)
406964.02 3747569.25 0.04082 (12122016) 406954.54
3747569.24 0.03968 (12122016)
406945.05 3747569.23 0.03791 (12122016) 406935.57
3747569.22 0.03931 (16120216)
406926.08 3747569.22 0.04139 (16120216) 406916.60
3747569.21 0.04272 (16120216)
406907.11 3747569.20 0.04328 (16120216) 406897.62
3747569.19 0.04305 (16120216)
406888.14 3747569.18 0.04208 (16120216) 406878.65
3747569.17 0.04045 (16120216)
406869.17 3747569.16 0.03826 (16120216) 406859.68
3747569.15 0.03563 (16120216)
407009.82 3747567.55 0.03754 (12122016) 407017.67
3747570.81 0.03693 (12122016)
407025.53 3747574.08 0.03852 (13121016) 407033.38
3747577.34 0.03999 (13121016)
407041.23 3747580.60 0.04084 (13121016) 407049.09
3747583.86 0.04103 (13121016)
407056.94 3747587.12 0.04060 (13121016) 407064.79
3747590.38 0.03959 (13121016)
407075.89 3747601.51 0.04239 (15122816) 407079.14
3747609.37 0.04680 (15122816)
407082.39 3747617.22 0.05077 (15122816) 407085.64
3747625.08 0.05410 (15122816)
407088.88 3747632.94 0.05663 (15122816) 407092.13
3747640.80 0.05818 (15122816)
407095.38 3747648.66 0.05866 (15122816) 407098.62
3747656.52 0.05802 (15122816)
407001.97 3747564.29 0.03772 (12122016) 406992.48
3747564.28 0.03872 (12122016)
406983.00 3747564.27 0.03924 (12122016) 406973.51
3747564.26 0.03922 (12122016)
406964.03 3747564.25 0.03864 (12122016) 406954.54
3747564.24 0.03747 (12122016)
406945.06 3747564.23 0.03574 (12122016) 406935.57
3747564.22 0.03741 (16120216)
406926.09 3747564.22 0.03939 (16120216) 406916.60
3747564.21 0.04070 (16120216)
406907.12 3747564.20 0.04129 (16120216) 406897.63
3747564.19 0.04115 (16120216)
406888.14 3747564.18 0.04032 (16120216) 406878.66
3747564.17 0.03887 (16120216)
406869.17 3747564.16 0.03689 (16120216) 406859.69
3747564.15 0.03449 (16120216)
406854.59 3747664.15 0.13004 (13112916) 406854.58
3747673.64 0.14747 (13112916)
406854.57 3747683.13 0.16327 (13112916) 406854.56
3747692.63 0.17593 (13112916)
406854.55 3747702.12 0.18385 (13112916) 406854.54
3747711.62 0.18563 (13112916)
406854.53 3747721.11 0.20659 (13121916) 406854.52
3747730.61 0.22694 (13121916)
406854.52 3747740.10 0.23614 (13121916) 406854.51
3747749.60 0.23299 (13121916)
406854.50 3747759.09 0.21836 (13121916) 406854.49
3747768.59 0.19469 (13121916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406849.57	3747683.13	0.15481	(13112916)	406849.56	3747692.62	0.16480	(13112916)
406849.55	3747702.12	0.17018	(13112916)	406849.54	3747711.61	0.16986	(13112916)
406849.53	3747721.11	0.19083	(13121916)	406849.52	3747730.60	0.20974	(13121916)
406849.52	3747740.10	0.21879	(13121916)	406849.51	3747749.59	0.21681	(13121916)
406849.50	3747759.09	0.20442	(13121916)	406849.49	3747768.58	0.18368	(13121916)
406849.48	3747778.08	0.15751	(13121916)	406849.47	3747787.57	0.12918	(13121916)
406849.46	3747797.07	0.11444	(15021709)	406849.45	3747806.56	0.10671	(15021709)
406846.79	3747658.83	0.11581	(13112916)	406854.30	3747651.34	0.10607	(13112916)
406844.59	3747664.14	0.12239	(13112916)	406844.58	3747673.63	0.13555	(13112916)
406844.57	3747683.12	0.14656	(13112916)	406844.56	3747692.62	0.15425	(13112916)
406844.55	3747702.11	0.15751	(13112916)	406844.54	3747711.61	0.15552	(13112916)
406844.53	3747721.10	0.17679	(13121916)	406844.52	3747730.60	0.19443	(13121916)
406844.52	3747740.09	0.20327	(13121916)	406844.51	3747749.59	0.20224	(13121916)
406844.50	3747759.08	0.19178	(13121916)	406844.49	3747768.58	0.17356	(13121916)
406844.48	3747778.07	0.15017	(13121916)	406844.47	3747787.57	0.12438	(13121916)
406844.46	3747797.06	0.10738	(15021709)	406844.45	3747806.56	0.10131	(15021709)
406842.53	3747657.06	0.11068	(13112916)	406852.54	3747647.07	0.09820	(13112916)
406839.59	3747664.13	0.11829	(13112916)	406839.58	3747673.63	0.12959	(13112916)
406839.57	3747683.12	0.13858	(13112916)	406839.56	3747692.61	0.14428	(13112916)
406839.55	3747702.11	0.14578	(13112916)	406839.54			

3747711.60		0.14248	(13112916)		
406839.53	3747721.10	0.16429	(13121916)	406839.52	
3747730.59		0.18072	(13121916)		
406839.52	3747740.09	0.18934	(13121916)	406839.51	
3747749.58		0.18909	(13121916)		
406839.50	3747759.08	0.18025	(13121916)	406839.49	
3747768.57		0.16427	(13121916)		
406839.48	3747778.07	0.14329	(13121916)	406839.47	
3747787.56		0.11986	(13121916)		
406839.46	3747797.06	0.10049	(15021709)	406839.45	
3747806.55		0.09590	(15021709)		
406837.04	3747658.24	0.10895	(13112916)	406839.48	
3747652.35		0.10252	(13112916)		
406847.82	3747644.02	0.09259	(13112916)	406853.72	
3747641.58		0.08896	(13112916)		
406834.59	3747664.13	0.11410	(13112916)	406834.58	
3747673.62		0.12367	(13112916)		
406834.57	3747683.11	0.13089	(13112916)	406834.56	
3747692.61		0.13489	(13112916)		
406834.55	3747702.10	0.13494	(13112916)	406834.54	
3747711.60		0.13256	(13121916)		
406834.53	3747721.09	0.15307	(13121916)	406834.52	
3747730.59		0.16844	(13121916)		
406834.52	3747740.08	0.17680	(13121916)	406834.51	
3747749.58		0.17717	(13121916)		
406834.50	3747759.07	0.16975	(13121916)	406834.49	
3747768.57		0.15568	(13121916)		
406834.48	3747778.06	0.13689	(13121916)	406834.47	
3747787.56		0.11553	(13121916)		
406834.46	3747797.05	0.09384	(15021709)	406834.45	
3747806.55		0.09053	(15021709)		
406832.53	3747657.05	0.10464	(13112916)	406835.46	
3747649.98		0.09767	(13112916)		
406845.47	3747639.99	0.08625	(13112916)	406852.55	
3747637.07		0.08172	(13112916)		
406829.59	3747664.12	0.10983	(13112916)	406829.58	
3747673.62		0.11787	(13112916)		
406829.57	3747683.11	0.12352	(13112916)	406829.56	
3747692.60		0.12606	(13112916)		
406829.55	3747702.10	0.12493	(13112916)	406829.54	
3747711.59		0.12401	(13121916)		

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406829.53	3747721.09	0.14301	(13121916)	406829.52			
3747730.58		0.15737	(13121916)				
406829.52	3747740.08	0.16547	(13121916)	406829.51			
3747749.57		0.16635	(13121916)				

406829.50 3747759.07 0.16013 (13121916) 406829.49
3747768.56 0.14777 (13121916)
406829.48 3747778.06 0.13087 (13121916) 406829.47
3747787.55 0.11143 (13121916)
406829.46 3747797.05 0.09132 (13121916) 406829.45
3747806.54 0.08525 (15021709)
406828.02 3747655.87 0.10052 (13112916) 406831.44
3747647.62 0.09318 (13112916)
406843.12 3747635.97 0.08043 (13112916) 406851.37
3747632.56 0.07499 (13112916)
406824.59 3747664.12 0.10554 (13112916) 406824.58
3747673.61 0.11219 (13112916)
406824.57 3747683.10 0.11647 (13112916) 406824.56
3747692.60 0.11778 (13112916)
406824.55 3747702.09 0.11570 (13112916) 406824.54
3747711.59 0.11632 (13121916)
406824.53 3747721.08 0.13391 (13121916) 406824.52
3747730.58 0.14738 (13121916)
406824.52 3747740.07 0.15519 (13121916) 406824.51
3747749.57 0.15650 (13121916)
406824.50 3747759.06 0.15131 (13121916) 406824.49
3747768.56 0.14042 (13121916)
406824.48 3747778.05 0.12525 (13121916) 406824.47
3747787.55 0.10750 (13121916)
406824.46 3747797.04 0.08894 (13121916) 406824.45
3747806.54 0.08009 (15021709)
406822.53 3747657.04 0.09805 (13112916) 406825.46
3747649.97 0.09310 (13112916)
406828.40 3747642.91 0.08675 (13112916) 406838.41
3747632.92 0.07632 (13112916)
406845.48 3747629.99 0.07213 (13112916) 406852.56
3747627.07 0.06691 (13112916)
406819.59 3747664.11 0.10126 (13112916) 406819.58
3747673.61 0.10667 (13112916)
406819.57 3747683.10 0.10975 (13112916) 406819.56
3747692.59 0.11003 (13112916)
406819.55 3747702.09 0.10718 (13112916) 406819.54
3747711.58 0.10933 (13121916)
406819.53 3747721.08 0.12569 (13121916) 406819.52
3747730.57 0.13832 (13121916)
406819.52 3747740.07 0.14586 (13121916) 406819.51
3747749.56 0.14749 (13121916)
406819.50 3747759.06 0.14319 (13121916) 406819.49
3747768.55 0.13361 (13121916)
406819.48 3747778.05 0.11996 (13121916) 406819.47
3747787.54 0.10377 (13121916)
406819.46 3747797.04 0.08659 (13121916) 406819.45
3747806.53 0.07509 (15021709)
406817.89 3747656.15 0.09422 (13112916) 406821.20
3747648.20 0.08934 (13112916)
406824.50 3747640.25 0.08274 (13112916) 406835.76
3747629.01 0.07151 (13112916)
406843.72 3747625.72 0.06680 (13112916) 406851.68
3747622.44 0.06094 (13112916)
406814.59 3747664.11 0.09702 (13112916) 406814.58
3747673.60 0.10132 (13112916)
406814.57 3747683.10 0.10337 (13112916) 406814.56
3747692.59 0.10278 (13112916)
406814.55 3747702.08 0.09933 (13112916) 406814.54
3747711.58 0.10299 (13121916)
406814.53 3747721.07 0.11821 (13121916) 406814.52
3747730.57 0.13008 (13121916)
406814.52 3747740.06 0.13734 (13121916) 406814.51
3747749.56 0.13924 (13121916)
406814.50 3747759.05 0.13570 (13121916) 406814.49
3747768.55 0.12726 (13121916)

406814.48 3747778.04 0.11499 (13121916) 406814.47
3747787.54 0.10019 (13121916)
406814.46 3747797.03 0.08432 (13121916) 406814.45
3747806.53 0.07026 (15021709)
406812.53 3747657.03 0.09122 (13112916) 406815.46
3747649.96 0.08796 (13112916)
406818.40 3747642.90 0.08330 (13112916) 406821.33
3747635.83 0.07748 (13112916)
406831.34 3747625.84 0.06796 (13112916) 406838.42
3747622.92 0.06413 (13112916)

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 06/27/23
*** AERMET - VERSION 16216 ***
*** *** 16:20:29

PAGE 67
*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406845.49	3747619.99	0.05943	(13112916)	406852.57	3747617.07	0.05403	(13112916)
406809.59	3747664.10	0.09284	(13112916)	406809.58	3747673.60	0.09616	(13112916)
406809.57	3747683.09	0.09732	(13112916)	406809.56	3747692.58	0.09601	(13112916)
406809.55	3747702.08	0.09210	(13112916)	406809.54	3747711.57	0.09720	(13121916)
406809.53	3747721.07	0.11141	(13121916)	406809.52	3747730.56	0.12256	(13121916)
406809.52	3747740.06	0.12955	(13121916)	406809.51	3747749.55	0.13166	(13121916)
406809.50	3747759.05	0.12878	(13121916)	406809.49	3747768.54	0.12136	(13121916)
406809.48	3747778.04	0.11029	(13121916)	406809.47	3747787.53	0.09679	(13121916)
406809.46	3747797.03	0.08209	(13121916)	406809.45	3747806.52	0.06740	(13121916)
406807.82	3747656.32	0.08760	(13112916)	406811.05	3747648.55	0.08458	(13112916)
406814.28	3747640.77	0.07993	(13112916)	406817.51	3747633.00	0.07397	(13112916)
406828.52	3747622.01	0.06395	(13112916)	406836.30	3747618.79	0.05977	(13112916)
406844.08	3747615.58	0.05469	(13112916)	406851.86	3747612.36	0.04888	(13112916)
406804.59	3747664.10	0.08875	(13112916)	406804.58	3747673.59	0.09120	(13112916)
406804.57	3747683.09	0.09159	(13112916)	406804.56	3747692.58	0.08970	(13112916)
406804.55	3747702.07	0.08544	(13112916)	406804.54	3747711.57	0.09192	(13121916)
406804.53	3747721.06	0.10518	(13121916)	406804.52	3747730.56	0.11569	(13121916)
406804.52	3747740.05	0.12241	(13121916)	406804.51			

3747749.55 0.12468 (13121916)
406804.50 3747759.04 0.12237 (13121916) 406804.49
3747768.54 0.11583 (13121916)
406804.48 3747778.03 0.10587 (13121916) 406804.47
3747787.53 0.09351 (13121916)
406804.46 3747797.02 0.07993 (13121916) 406804.45
3747806.52 0.06617 (13121916)
406803.11 3747655.61 0.08411 (13112916) 406806.64
3747647.13 0.08137 (13112916)
406810.16 3747638.65 0.07677 (13112916) 406813.68
3747630.16 0.07069 (13112916)
406825.69 3747618.18 0.06023 (13112916) 406834.18
3747614.67 0.05575 (13112916)
406851.16 3747607.66 0.04509 (14121615) 406799.59
3747664.09 0.08475 (13112916)
406799.58 3747673.59 0.08644 (13112916) 406799.57
3747683.08 0.08618 (13112916)
406799.56 3747692.58 0.08381 (13112916) 406799.55
3747702.07 0.07931 (13112916)
406799.54 3747711.56 0.08706 (13121916) 406799.53
3747721.06 0.09948 (13121916)
406799.52 3747730.55 0.10938 (13121916) 406799.52
3747740.05 0.11584 (13121916)
406799.51 3747749.54 0.11823 (13121916) 406799.50
3747759.04 0.11641 (13121916)
406799.49 3747768.53 0.11067 (13121916) 406799.48
3747778.03 0.10168 (13121916)
406799.47 3747787.52 0.09039 (13121916) 406799.46
3747797.02 0.07781 (13121916)
406799.45 3747806.51 0.06494 (13121916) 406797.77
3747656.43 0.08093 (13112916)
406800.95 3747648.77 0.07936 (13112916) 406804.13
3747641.11 0.07628 (13112916)
406807.31 3747633.46 0.07190 (13112916) 406810.49
3747625.80 0.06649 (13112916)
406821.34 3747614.98 0.05747 (13112916) 406829.00
3747611.81 0.05373 (13112916)
406836.66 3747608.65 0.04927 (13112916) 406844.33
3747605.48 0.04422 (13112916)
406851.99 3747602.32 0.04140 (14121615) 406794.59
3747664.09 0.08086 (13112916)
406794.58 3747673.58 0.08189 (13112916) 406794.57
3747683.08 0.08108 (13112916)
406794.56 3747692.57 0.07833 (13112916) 406794.55
3747702.06 0.07366 (13112916)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - -

406794.54 3747711.56 0.08260 (13121916) 406794.53
3747721.05 0.09423 (13121916)
406794.52 3747730.55 0.10358 (13121916) 406794.52
3747740.04 0.10979 (13121916)
406794.51 3747749.54 0.11227 (13121916) 406794.50
3747759.03 0.11088 (13121916)
406794.49 3747768.53 0.10584 (13121916) 406794.48
3747778.02 0.09774 (13121916)
406794.47 3747787.52 0.08739 (13121916) 406794.46
3747797.01 0.07575 (13121916)
406794.45 3747806.51 0.06370 (13121916) 406793.02
3747655.83 0.07763 (13112916)
406796.44 3747647.59 0.07637 (13112916) 406799.87
3747639.34 0.07345 (13112916)
406803.29 3747631.10 0.06910 (13112916) 406806.72
3747622.85 0.06362 (13112916)
406818.39 3747611.19 0.05431 (13112916) 406826.65
3747607.79 0.05038 (13112916)
406834.90 3747604.38 0.04569 (13112916) 406843.15
3747600.97 0.04118 (14121615)
406851.41 3747597.56 0.03896 (16120216) 406789.59
3747664.08 0.07710 (13112916)
406789.58 3747673.58 0.07755 (13112916) 406789.57
3747683.07 0.07628 (13112916)
406789.56 3747692.57 0.07322 (13112916) 406789.55
3747702.06 0.06845 (13112916)
406789.54 3747711.55 0.07848 (13121916) 406789.53
3747721.05 0.08940 (13121916)
406789.52 3747730.54 0.09823 (13121916) 406789.52
3747740.04 0.10420 (13121916)
406789.51 3747749.53 0.10675 (13121916) 406789.50
3747759.03 0.10572 (13121916)
406789.49 3747768.52 0.10130 (13121916) 406789.48
3747778.02 0.09399 (13121916)
406789.47 3747787.51 0.08453 (13121916) 406789.46
3747797.01 0.07374 (13121916)
406789.45 3747806.50 0.06247 (13121916) 406787.74
3747656.50 0.07443 (13112916)
406790.88 3747648.93 0.07397 (13112916) 406794.03
3747641.36 0.07215 (13112916)
406797.17 3747633.78 0.06909 (13112916) 406800.32
3747626.21 0.06499 (13112916)
406803.46 3747618.64 0.06007 (13112916) 406814.19
3747607.93 0.05190 (13112916)
406821.77 3747604.80 0.04852 (13112916) 406829.35
3747601.67 0.04456 (13112916)
406836.93 3747598.54 0.04012 (13112916) 406844.51
3747595.41 0.03783 (14121615)
406852.08 3747592.28 0.03812 (16120216) 406784.59
3747664.08 0.07346 (13112916)
406784.58 3747673.57 0.07341 (13112916) 406784.57
3747683.07 0.07175 (13112916)
406784.56 3747692.56 0.06847 (13112916) 406784.55
3747702.05 0.06365 (13112916)
406784.54 3747711.55 0.07468 (13121916) 406784.53
3747721.04 0.08494 (13121916)
406784.52 3747730.54 0.09330 (13121916) 406784.52
3747740.03 0.09903 (13121916)
406784.51 3747749.53 0.10162 (13121916) 406784.50
3747759.02 0.10091 (13121916)
406784.49 3747768.52 0.09704 (13121916) 406784.48
3747778.01 0.09045 (13121916)
406784.47 3747787.51 0.08178 (13121916) 406784.46
3747797.00 0.07179 (13121916)
406784.45 3747806.50 0.06123 (13121916) 406782.95
3747655.99 0.07131 (13112916)

406786.30 3747647.92 0.07116 (13112916) 406789.66
3747639.84 0.06954 (13112916)
406793.01 3747631.76 0.06659 (13112916) 406796.37
3747623.68 0.06250 (13112916)
406799.72 3747615.60 0.05754 (13112916) 406811.16
3747604.19 0.04920 (13112916)
406819.25 3747600.85 0.04569 (13112916) 406827.33
3747597.51 0.04158 (13112916)
406835.42 3747594.17 0.03768 (14121615) 406843.50
3747590.83 0.03538 (14121615)
406851.58 3747587.49 0.03686 (16120216) 406779.59
3747664.07 0.06996 (13112916)
406779.58 3747673.57 0.06947 (13112916) 406779.57
3747683.06 0.06750 (13112916)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406779.56	3747692.56	0.06405	(13112916)	406779.55	3747702.05	0.06053	(13121916)
406779.54	3747711.54	0.07115	(13121916)	406779.53	3747721.04	0.08082	(13121916)
406779.52	3747730.53	0.08873	(13121916)	406779.52	3747740.03	0.09423	(13121916)
406779.51	3747749.52	0.09685	(13121916)	406779.50	3747759.02	0.09642	(13121916)
406779.49	3747768.51	0.09304	(13121916)	406779.48	3747778.01	0.08709	(13121916)
406779.47	3747787.50	0.07915	(13121916)	406779.46	3747797.00	0.06988	(13121916)
406779.45	3747806.49	0.06001	(13121916)	406778.16	3747655.48	0.06832	(13112916)
406781.72	3747646.90	0.06847	(13112916)	406785.29	3747638.32	0.06706	(13112916)
406788.85	3747629.74	0.06422	(13112916)	406792.42	3747621.15	0.06016	(13112916)
406795.98	3747612.57	0.05517	(13112916)	406808.13	3747600.44	0.04667	(13112916)
406816.72	3747596.89	0.04305	(13112916)	406825.31	3747593.34	0.03882	(13112916)
406833.90	3747589.79	0.03552	(14121615)	406842.49	3747586.25	0.03310	(14121615)
406851.08	3747582.70	0.03566	(16120216)	406774.59	3747664.07	0.06659	(13112916)
406774.58	3747673.56	0.06574	(13112916)	406774.57	3747683.06	0.06351	(13112916)
406774.56	3747692.55	0.05993	(13112916)	406774.55	3747702.05	0.05789	(13121916)
406774.54	3747711.54	0.06788	(13121916)	406774.53			

3747721.03		0.07699	(13121916)		
406774.52	3747730.53	0.08449	(13121916)	406774.52	
3747740.02		0.08978	(13121916)		
406774.51	3747749.52	0.09241	(13121916)	406774.50	
3747759.01		0.09222	(13121916)		
406774.49	3747768.51	0.08927	(13121916)	406774.48	
3747778.00		0.08391	(13121916)		
406774.47	3747787.50	0.07662	(13121916)	406774.46	
3747796.99		0.06804	(13121916)		
406774.45	3747806.49	0.05879	(13121916)	406772.89	
3747656.11		0.06527	(13112916)		
406776.20	3747648.16	0.06594	(13112916)	406779.50	
3747640.21		0.06533	(13112916)		
406782.80	3747632.25	0.06350	(13112916)	406786.10	
3747624.30		0.06059	(13112916)		
406789.41	3747616.35	0.05678	(13112916)	406792.71	
3747608.40		0.05227	(13112916)		
406803.97	3747597.16	0.04473	(13112916)	406811.93	
3747593.87		0.04158	(13112916)		
406819.89	3747590.59	0.03795	(13112916)	406827.85	
3747587.30		0.03458	(14121615)		
406835.80	3747584.01	0.03262	(14121615)	406843.76	
3747580.72		0.03243	(16120216)		
406851.72	3747577.44	0.03483	(16120216)	406769.59	
3747664.06		0.06335	(13112916)		
406769.58	3747673.56	0.06219	(13112916)	406769.57	
3747683.05		0.05976	(13112916)		
406769.56	3747692.55	0.05610	(13112916)	406769.55	
3747702.04		0.05543	(13121916)		
406769.54	3747711.53	0.06484	(13121916)	406769.53	
3747721.03		0.07344	(13121916)		
406769.52	3747730.52	0.08055	(13121916)	406769.52	
3747740.02		0.08564	(13121916)		
406769.51	3747749.51	0.08827	(13121916)	406769.50	
3747759.01		0.08828	(13121916)		
406769.49	3747768.50	0.08573	(13121916)	406769.48	
3747778.00		0.08088	(13121916)		
406769.47	3747787.49	0.07421	(13121916)	406769.46	
3747796.99		0.06624	(13121916)		
406769.45	3747806.48	0.05759	(13121916)	406768.08	
3747655.66		0.06248	(13112916)		
406771.56	3747647.27	0.06340	(13112916)	406775.05	
3747638.88		0.06300	(13112916)		
406778.54	3747630.48	0.06132	(13112916)	406782.02	
3747622.09		0.05848	(13112916)		
406785.51	3747613.70	0.05470	(13112916)	406788.99	
3747605.30		0.05017	(13112916)		
406800.88	3747593.44	0.04255	(13112916)	406809.28	
3747589.97		0.03932	(13112916)		

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406817.68	3747586.50	0.03561	(13112916)	406826.08	3747583.03	0.03274	(14121615)
406834.48	3747579.56	0.03070	(14121615)	406842.88	3747576.09	0.03137	(16120216)
406851.28	3747572.62	0.03372	(16120216)	406764.59	3747664.06	0.06025	(13112916)
406764.58	3747673.55	0.05882	(13112916)	406764.57	3747683.05	0.05623	(13112916)
406764.56	3747692.54	0.05254	(13112916)	406764.55	3747702.04	0.05313	(13121916)
406764.54	3747711.53	0.06201	(13121916)	406764.53	3747721.02	0.07013	(13121916)
406764.52	3747730.52	0.07689	(13121916)	406764.52	3747740.01	0.08178	(13121916)
406764.51	3747749.51	0.08440	(13121916)	406764.50	3747759.00	0.08459	(13121916)
406764.49	3747768.50	0.08238	(13121916)	406764.48	3747777.99	0.07801	(13121916)
406764.47	3747787.49	0.07188	(13121916)	406764.46	3747796.98	0.06450	(13121916)
406764.45	3747806.48	0.05639	(13121916)	406762.85	3747656.20	0.05958	(13112916)
406766.11	3747648.34	0.06083	(13112916)	406769.38	3747640.49	0.06100	(13112916)
406772.64	3747632.64	0.06008	(13112916)	406775.90	3747624.78	0.05815	(13112916)
406779.16	3747616.93	0.05533	(13112916)	406782.42	3747609.08	0.05178	(13112916)
406785.69	3747601.22	0.04766	(13112916)	406796.81	3747590.12	0.04083	(13112916)
406804.67	3747586.88	0.03799	(13112916)	406812.53	3747583.63	0.03474	(13112916)
406820.39	3747580.38	0.03181	(14121615)	406828.25	3747577.14	0.03013	(14121615)
406836.11	3747573.89	0.02862	(16120216)	406843.97	3747570.64	0.03090	(16120216)
406851.83	3747567.40	0.03288	(16120216)	406759.59	3747664.05	0.05728	(13112916)
406759.58	3747673.55	0.05564	(13112916)	406759.57	3747683.04	0.05293	(13112916)
406759.56	3747692.54	0.04922	(13112916)	406759.55	3747702.03	0.05097	(13121916)
406759.54	3747711.53	0.05936	(13121916)	406759.53	3747721.02	0.06705	(13121916)
406759.52	3747730.51	0.07347	(13121916)	406759.52	3747740.01	0.07817	(13121916)
406759.51	3747749.50	0.08077	(13121916)	406759.50	3747759.00	0.08112	(13121916)
406759.49	3747768.49	0.07922	(13121916)	406759.48	3747777.99	0.07528	(13121916)
406759.47	3747787.48	0.06966	(13121916)	406759.46	3747796.98	0.06280	(13121916)
406759.45	3747806.47	0.05522	(13121916)	406859.45	3747811.57	0.11081	(15021709)
406868.94	3747811.56	0.11797	(15021709)	406878.43	3747811.55	0.12506	(14021809)
406887.91	3747811.54	0.14014	(14021809)	406897.40	3747811.53	0.17430	(14120316)
406906.88	3747811.52	0.21416	(14120316)	406916.37	3747811.51	0.24984	(14120316)
406925.86	3747811.50	0.27718	(14120316)	406935.34	3747811.50	0.29302	(14120316)

406944.83 3747811.49 0.29602 (14120316) 406954.31
3747811.48 0.28643 (14120316)
406963.80 3747811.47 0.26607 (14120316) 406973.29
3747811.46 0.23786 (14120316)
406982.77 3747811.45 0.20514 (14120316) 406992.26
3747811.44 0.17102 (14120316)
407001.74 3747811.43 0.13855 (13112016) 406859.46
3747816.57 0.10432 (15021709)
406868.95 3747816.56 0.10969 (15021709) 406878.43
3747816.55 0.11888 (14021809)
406887.92 3747816.54 0.13179 (14021809) 406897.40
3747816.53 0.15865 (14120316)
406906.89 3747816.52 0.19474 (14120316) 406916.38
3747816.51 0.22734 (14120316)
406925.86 3747816.50 0.25283 (14120316) 406935.35
3747816.50 0.26842 (14120316)
406944.83 3747816.49 0.27274 (14120316) 406954.32
3747816.48 0.26578 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406963.81	3747816.47	0.24897	(14120316)	406973.29			
3747816.46		0.22471	(14120316)				
406982.78	3747816.45	0.19580	(14120316)	406992.26			
3747816.44		0.16512	(14120316)				
407001.75	3747816.43	0.13526	(12113016)	406854.15			
3747819.37		0.09760	(15021709)				
406846.65	3747811.87	0.09933	(15021709)	406859.46			
3747821.57		0.09784	(15021709)				
406868.95	3747821.56	0.10164	(15021709)	406878.44			
3747821.55		0.11300	(14021809)				
406887.92	3747821.54	0.12400	(14021809)	406897.41			
3747821.53		0.14502	(14120316)				
406906.89	3747821.52	0.17773	(14120316)	406916.38			
3747821.51		0.20761	(14120316)				
406925.87	3747821.50	0.23143	(14120316)	406935.35			
3747821.50		0.24664	(14120316)				
406944.84	3747821.49	0.25194	(14120316)	406954.32			
3747821.48		0.24716	(14120316)				
406963.81	3747821.47	0.23334	(14120316)	406973.30			
3747821.46		0.21246	(14120316)				
406982.78	3747821.45	0.18698	(14120316)	406992.27			
3747821.44		0.15933	(14120316)				
407001.75	3747821.43	0.13192	(12113016)	406852.39			
3747823.64		0.09188	(15021709)				
406842.38	3747813.63	0.09412	(15021709)	406859.47			
3747826.57		0.09145	(15021709)				
406868.96	3747826.56	0.09620	(14021809)	406878.44			

3747826.55 0.10739 (14021809)
406887.93 3747826.54 0.11673 (14021809) 406897.41
3747826.53 0.13301 (14120316)
406906.90 3747826.52 0.16282 (14120316) 406916.39
3747826.51 0.19026 (14120316)
406925.87 3747826.50 0.21250 (14120316) 406935.36
3747826.50 0.22729 (14120316)
406944.84 3747826.49 0.23331 (14120316) 406954.33
3747826.48 0.23029 (14120316)
406963.82 3747826.47 0.21901 (14120316) 406973.30
3747826.46 0.20109 (14120316)
406982.79 3747826.45 0.17858 (14120316) 406992.27
3747826.44 0.15373 (14120316)
407001.76 3747826.43 0.12849 (14120316) 406853.57
3747829.13 0.08637 (15021709)
406847.67 3747826.69 0.08640 (15021709) 406839.33
3747818.35 0.08819 (15021709)
406836.89 3747812.45 0.08996 (15021709) 406859.47
3747831.57 0.08520 (15021709)
406868.96 3747831.56 0.09227 (14021809) 406878.45
3747831.55 0.10205 (14021809)
406887.93 3747831.54 0.10993 (14021809) 406897.42
3747831.53 0.12244 (14120316)
406906.90 3747831.52 0.14964 (14120316) 406916.39
3747831.51 0.17490 (14120316)
406925.88 3747831.50 0.19572 (14120316) 406935.36
3747831.50 0.21000 (14120316)
406944.85 3747831.49 0.21655 (14120316) 406954.33
3747831.48 0.21498 (14120316)
406963.82 3747831.47 0.20585 (14120316) 406973.31
3747831.46 0.19047 (14120316)
406982.79 3747831.45 0.17064 (14120316) 406992.28
3747831.44 0.14826 (14120316)
407001.76 3747831.43 0.12519 (14120316) 406852.40
3747833.64 0.08110 (15021709)
406845.32 3747830.71 0.08156 (15021709) 406835.31
3747820.70 0.08363 (15021709)
406832.38 3747813.62 0.08525 (15021709) 406859.48
3747836.57 0.07914 (15021709)
406868.97 3747836.56 0.08846 (14021809) 406878.45
3747836.55 0.09697 (14021809)
406887.94 3747836.54 0.10358 (14021809) 406897.42
3747836.53 0.11304 (14120316)
406906.91 3747836.52 0.13798 (14120316) 406916.40
3747836.51 0.16129 (14120316)
406925.88 3747836.50 0.18075 (14120316) 406935.37
3747836.50 0.19453 (14120316)
406944.85 3747836.49 0.20143 (14120316) 406954.34
3747836.48 0.20104 (14120316)
406963.83 3747836.47 0.19373 (14120316) 406973.31
3747836.46 0.18058 (14120316)
406982.80 3747836.45 0.16309 (14120316) 406992.28
3747836.44 0.14298 (14120316)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
407001.77	3747836.43	0.12186	(14120316)	406851.22	3747838.15	0.07612	(15021709)
406842.96	3747834.74	0.07705	(15021709)	406831.28	3747823.06	0.07938	(15021709)
406827.87	3747814.80	0.08076	(15021709)	406859.48	3747841.57	0.07615	(14021809)
406868.97	3747841.56	0.08475	(14021809)	406878.46	3747841.55	0.09214	(14021809)
406887.94	3747841.54	0.09764	(14021809)	406897.43	3747841.53	0.10470	(14120316)
406906.91	3747841.52	0.12758	(14120316)	406916.40	3747841.51	0.14913	(14120316)
406925.89	3747841.50	0.16737	(14120316)	406935.37	3747841.50	0.18060	(14120316)
406944.86	3747841.49	0.18775	(14120316)	406954.34	3747841.48	0.18832	(14120316)
406963.83	3747841.47	0.18256	(14120316)	406973.32	3747841.46	0.17133	(14120316)
406982.80	3747841.45	0.15594	(14120316)	406992.29	3747841.44	0.13784	(14120316)
407001.77	3747841.43	0.11856	(14120316)	406852.41	3747843.64	0.07070	(15021709)
406845.33	3747840.71	0.07243	(15021709)	406838.25	3747837.78	0.07289	(15021709)
406828.24	3747827.77	0.07481	(15021709)	406825.31	3747820.69	0.07628	(15021709)
406822.38	3747813.61	0.07639	(15021709)	406859.49	3747846.57	0.07354	(14021809)
406868.98	3747846.56	0.08118	(14021809)	406878.46	3747846.55	0.08755	(14021809)
406887.95	3747846.54	0.09209	(14021809)	406897.43	3747846.53	0.09721	(14120316)
406906.92	3747846.52	0.11830	(14120316)	406916.41	3747846.51	0.13826	(14120316)
406925.89	3747846.50	0.15535	(14120316)	406935.38	3747846.50	0.16805	(14120316)
406944.86	3747846.49	0.17532	(14120316)	406954.35	3747846.48	0.17667	(14120316)
406963.84	3747846.47	0.17223	(14120316)	406973.32	3747846.46	0.16269	(14120316)
406982.81	3747846.45	0.14914	(14120316)	406992.29	3747846.44	0.13289	(14120316)
407001.78	3747846.43	0.11526	(14120316)	406851.53	3747848.27	0.06609	(15021709)
406843.56	3747844.98	0.06831	(15021709)	406835.60	3747841.68	0.06907	(15021709)
406824.34	3747830.42	0.07116	(15021709)	406821.04	3747822.46	0.07247	(15021709)
406817.75	3747814.49	0.07220	(15021709)	406859.49	3747851.57	0.07096	(14021809)
406868.98	3747851.56	0.07772	(14021809)	406878.47	3747851.55	0.08319	(14021809)
406887.95	3747851.54	0.08690	(14021809)	406897.44	3747851.53	0.09051	(14120316)
406906.92	3747851.52	0.10994	(14120316)	406916.41	3747851.51	0.12847	(14120316)
406925.90	3747851.50	0.14452	(14120316)	406935.38	3747851.50	0.15668	(14120316)

406944.87 3747851.49 0.16402 (14120316) 406954.35
3747851.48 0.16600 (14120316)
406963.84 3747851.47 0.16268 (14120316) 406973.33
3747851.46 0.15459 (14120316)
406982.81 3747851.45 0.14269 (14120316) 406992.30
3747851.44 0.12808 (14120316)
407001.78 3747851.43 0.11201 (14120316) 406852.42
3747853.64 0.06460 (14021809)
406845.34 3747850.71 0.06356 (15021709) 406838.26
3747847.78 0.06509 (15021709)
406831.18 3747844.85 0.06554 (15021709) 406821.17
3747834.84 0.06732 (15021709)
406818.24 3747827.76 0.06865 (15021709) 406815.31
3747820.68 0.06885 (15021709)
406812.38 3747813.60 0.06784 (15021709) 406859.50
3747856.57 0.06844 (14021809)
406868.99 3747856.56 0.07439 (14021809) 406878.47
3747856.55 0.07906 (14021809)
406887.96 3747856.54 0.08204 (14021809) 406897.44
3747856.53 0.08444 (14120316)
406906.93 3747856.52 0.10244 (14120316) 406916.42
3747856.51 0.11967 (14120316)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

406925.90 3747856.50 0.13473 (14120316) 406935.39
3747856.50 0.14638 (14120316)
406944.87 3747856.49 0.15370 (14120316) 406954.36
3747856.48 0.15618 (14120316)
406963.85 3747856.47 0.15380 (14120316) 406973.33
3747856.46 0.14700 (14120316)
406982.82 3747856.45 0.13655 (14120316) 406992.30
3747856.44 0.12346 (14120316)
407001.79 3747856.43 0.10877 (14120316) 406851.72
3747858.35 0.06225 (14021809)
406843.93 3747855.13 0.05977 (15021709) 406836.14
3747851.90 0.06162 (15021709)
406828.35 3747848.68 0.06227 (15021709) 406817.34
3747837.67 0.06416 (15021709)
406814.12 3747829.88 0.06540 (15021709) 406810.89
3747822.09 0.06534 (15021709)
406807.67 3747814.30 0.06394 (15021709) 406859.50
3747861.57 0.06595 (14021809)
406868.99 3747861.56 0.07118 (14021809) 406878.48
3747861.55 0.07515 (14021809)
406887.96 3747861.54 0.07749 (14021809) 406897.45
3747861.53 0.07897 (14120316)
406906.93 3747861.52 0.09563 (14120316) 406916.42

3747861.51 0.11168 (14120316)
406925.91 3747861.50 0.12585 (14120316) 406935.39
3747861.50 0.13698 (14120316)
406944.88 3747861.49 0.14425 (14120316) 406954.36
3747861.48 0.14713 (14120316)
406963.85 3747861.47 0.14556 (14120316) 406973.34
3747861.46 0.13987 (14120316)
406982.82 3747861.45 0.13072 (14120316) 406992.31
3747861.44 0.11897 (14120316)
407001.79 3747861.43 0.10561 (14120316) 406851.01
3747863.06 0.05999 (14021809)
406834.02 3747856.03 0.05838 (15021709) 406825.52
3747852.51 0.05923 (15021709)
406813.51 3747840.50 0.06121 (15021709) 406809.99
3747832.00 0.06233 (15021709)
406806.48 3747823.51 0.06203 (15021709) 406802.96
3747815.01 0.06023 (15021709)
406859.51 3747866.57 0.06353 (14021809) 406869.00
3747866.56 0.06811 (14021809)
406878.48 3747866.55 0.07144 (14021809) 406887.97
3747866.54 0.07323 (14021809)
406897.45 3747866.53 0.07398 (14120316) 406906.94
3747866.52 0.08947 (14120316)
406916.43 3747866.51 0.10444 (14120316) 406925.91
3747866.50 0.11776 (14120316)
406935.40 3747866.50 0.12841 (14120316) 406944.88
3747866.49 0.13557 (14120316)
406954.37 3747866.48 0.13877 (14120316) 406963.86
3747866.47 0.13789 (14120316)
406973.34 3747866.46 0.13318 (14120316) 406982.83
3747866.45 0.12518 (14120316)
406992.31 3747866.44 0.11467 (14120316) 407001.80
3747866.43 0.10248 (14120316)
406851.84 3747868.40 0.05849 (14021809) 406844.17
3747865.22 0.05484 (14021809)
406836.50 3747862.05 0.05429 (15021709) 406828.83
3747858.88 0.05585 (15021709)
406821.16 3747855.70 0.05644 (15021709) 406810.32
3747844.86 0.05816 (15021709)
406807.14 3747837.19 0.05930 (15021709) 406803.97
3747829.52 0.05939 (15021709)
406800.80 3747821.85 0.05835 (15021709) 406797.62
3747814.18 0.05621 (15021709)
406859.51 3747871.57 0.06117 (14021809) 406869.00
3747871.56 0.06515 (14021809)
406878.49 3747871.55 0.06793 (14021809) 406887.97
3747871.54 0.06924 (14021809)
406897.46 3747871.53 0.06946 (14120316) 406906.94
3747871.52 0.08385 (14120316)
406916.43 3747871.51 0.09784 (14120316) 406925.92
3747871.50 0.11040 (14120316)
406935.40 3747871.50 0.12055 (14120316) 406944.89
3747871.49 0.12760 (14120316)
406954.37 3747871.48 0.13104 (14120316) 406963.86
3747871.47 0.13074 (14120316)
406973.35 3747871.46 0.12688 (14120316) 406982.83
3747871.45 0.11992 (14120316)

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

SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406992.32	3747871.44	0.11050	(14120316)	407001.80	3747871.43	0.09942	(14120316)
406851.26	3747873.15	0.05640	(14021809)	406843.00	3747869.74	0.05283	(14021809)
406834.74	3747866.32	0.05132	(15021709)	406826.47	3747862.90	0.05309	(15021709)
406818.21	3747859.48	0.05381	(15021709)	406806.54	3747847.81	0.05559	(15021709)
406803.12	3747839.55	0.05666	(15021709)	406799.70	3747831.28	0.05658	(15021709)
406796.28	3747823.02	0.05528	(15021709)	406792.87	3747814.76	0.05331	(13121916)
406859.52	3747876.57	0.05888	(14021809)	406869.00	3747876.56	0.06232	(14021809)
406878.49	3747876.55	0.06461	(14021809)	406887.98	3747876.54	0.06550	(14021809)
406897.46	3747876.53	0.06531	(14120316)	406906.95	3747876.52	0.07874	(14120316)
406916.43	3747876.51	0.09181	(14120316)	406925.92	3747876.50	0.10365	(14120316)
406935.41	3747876.50	0.11336	(14120316)	406944.89	3747876.49	0.12025	(14120316)
406954.38	3747876.48	0.12388	(14120316)	406963.86	3747876.47	0.12408	(14120316)
406973.35	3747876.46	0.12096	(14120316)	406982.84	3747876.45	0.11491	(14120316)
406992.32	3747876.44	0.10651	(14120316)	407001.81	3747876.43	0.09642	(14120316)
406851.94	3747878.43	0.05479	(14021809)	406844.35	3747875.29	0.05202	(14021809)
406836.76	3747872.16	0.04850	(14021809)	406829.18	3747869.02	0.04951	(15021709)
406821.59	3747865.88	0.05086	(15021709)	406814.00	3747862.74	0.05138	(15021709)
406803.28	3747852.02	0.05296	(15021709)	406800.14	3747844.43	0.05402	(15021709)
406797.00	3747836.84	0.05419	(15021709)	406793.86	3747829.26	0.05342	(15021709)
406790.73	3747821.67	0.05172	(15021709)	406787.59	3747814.08	0.05334	(13121916)
406859.52	3747881.57	0.05665	(14021809)	406869.01	3747881.56	0.05962	(14021809)
406878.50	3747881.55	0.06147	(14021809)	406887.98	3747881.54	0.06200	(14021809)
406897.47	3747881.53	0.06153	(14120316)	406906.95	3747881.52	0.07405	(14120316)
406916.44	3747881.51	0.08631	(14120316)	406925.93	3747881.50	0.09748	(14120316)
406935.41	3747881.50	0.10674	(14120316)	406944.90	3747881.49	0.11348	(14120316)
406954.38	3747881.48	0.11724	(14120316)	406963.87	3747881.47	0.11785	(14120316)
406973.36	3747881.46	0.11538	(14120316)	406982.84	3747881.45	0.11015	(14120316)

406992.33 3747881.44 0.10265 (14120316) 407001.81
3747881.43 0.09349 (14120316)
406851.44 3747883.22 0.05283 (14021809) 406843.34
3747879.88 0.05018 (14021809)
406835.25 3747876.53 0.04672 (14021809) 406827.16
3747873.18 0.04698 (15021709)
406819.07 3747869.83 0.04848 (15021709) 406810.97
3747866.49 0.04910 (15021709)
406799.53 3747855.05 0.05072 (15021709) 406796.19
3747846.95 0.05173 (15021709)
406792.84 3747838.86 0.05178 (15021709) 406789.49
3747830.77 0.05083 (15021709)
406786.14 3747822.68 0.04889 (15021709) 406782.80
3747814.58 0.05209 (13121916)
406859.53 3747886.57 0.05449 (14021809) 406869.01
3747886.56 0.05703 (14021809)
406878.50 3747886.55 0.05850 (14021809) 406887.99
3747886.54 0.05872 (14021809)
406897.47 3747886.53 0.05805 (14120316) 406906.96
3747886.52 0.06977 (14120316)
406916.44 3747886.51 0.08126 (14120316) 406925.93
3747886.50 0.09180 (14120316)
406935.42 3747886.50 0.10065 (14120316) 406944.90
3747886.49 0.10721 (14120316)
406954.39 3747886.48 0.11107 (14120316) 406963.87
3747886.47 0.11203 (14120316)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406973.36	3747886.46	0.11013	(14120316)	406982.85	3747886.45	0.10563	(14120316)
406992.33	3747886.44	0.09895	(14120316)	407001.82	3747886.43	0.09063	(14120316)
406850.94	3747888.01	0.05095	(14021809)	406842.34	3747884.46	0.04843	(14021809)
406833.74	3747880.90	0.04503	(14021809)	406816.54	3747873.79	0.04624	(15021709)
406807.94	3747870.23	0.04696	(15021709)	406795.79	3747858.08	0.04862	(15021709)
406792.23	3747849.48	0.04956	(15021709)	406788.68	3747840.88	0.04950	(15021709)
406785.12	3747832.28	0.04838	(15021709)	406781.56	3747823.68	0.04623	(15021709)
406778.01	3747815.08	0.05088	(13121916)	406859.53	3747891.57	0.05241	(14021809)
406869.02	3747891.56	0.05456	(14021809)	406878.51	3747891.55	0.05568	(14021809)
406887.99	3747891.54	0.05564	(14021809)	406897.48			

3747891.53 0.05485 (14120316)
406906.96 3747891.52 0.06582 (14120316) 406916.45
3747891.51 0.07662 (14120316)
406925.94 3747891.50 0.08658 (14120316) 406935.42
3747891.50 0.09502 (14120316)
406944.91 3747891.49 0.10141 (14120316) 406954.39
3747891.48 0.10533 (14120316)
406963.88 3747891.47 0.10658 (14120316) 406973.37
3747891.46 0.10518 (14120316)
406982.85 3747891.45 0.10133 (14120316) 406992.34
3747891.44 0.09539 (14120316)
407001.82 3747891.43 0.08784 (14120316) 406851.57
3747893.27 0.04936 (14021809)
406843.61 3747889.98 0.04745 (14021809) 406835.64
3747886.68 0.04478 (14021809)
406827.67 3747883.39 0.04148 (14021809) 406819.71
3747880.09 0.04315 (15021709)
406811.74 3747876.80 0.04443 (15021709) 406803.78
3747873.50 0.04498 (15021709)
406792.52 3747862.24 0.04646 (15021709) 406789.22
3747854.28 0.04740 (15021709)
406785.93 3747846.31 0.04755 (15021709) 406782.63
3747838.35 0.04685 (15021709)
406779.34 3747830.38 0.04531 (15021709) 406776.04
3747822.41 0.04353 (13121916)
406772.75 3747814.45 0.05071 (13121916) 406859.54
3747896.57 0.05039 (14021809)
406869.02 3747896.56 0.05220 (14021809) 406878.51
3747896.55 0.05302 (14021809)
406888.00 3747896.54 0.05275 (14021809) 406897.48
3747896.53 0.05190 (14120316)
406906.97 3747896.52 0.06219 (14120316) 406916.45
3747896.51 0.07234 (14120316)
406925.94 3747896.50 0.08176 (14120316) 406935.43
3747896.50 0.08983 (14120316)
406944.91 3747896.49 0.09602 (14120316) 406954.40
3747896.48 0.09998 (14120316)
406963.88 3747896.47 0.10148 (14120316) 406973.37
3747896.46 0.10051 (14120316)
406982.86 3747896.45 0.09723 (14120316) 406992.34
3747896.44 0.09197 (14120316)
407001.83 3747896.43 0.08513 (14120316) 406851.13
3747898.09 0.04760 (14021809)
406842.73 3747894.61 0.04583 (14021809) 406834.32
3747891.14 0.04324 (14021809)
406825.91 3747887.66 0.03998 (14021809) 406817.50
3747884.18 0.04110 (15021709)
406809.09 3747880.70 0.04249 (15021709) 406800.68
3747877.22 0.04310 (15021709)
406788.80 3747865.34 0.04461 (15021709) 406785.32
3747856.93 0.04550 (15021709)
406781.84 3747848.52 0.04556 (15021709) 406778.36
3747840.11 0.04474 (15021709)
406774.88 3747831.70 0.04305 (15021709) 406771.41
3747823.29 0.04238 (13121916)
406767.93 3747814.89 0.04956 (13121916) 406859.54
3747901.57 0.04845 (14021809)
406869.03 3747901.56 0.04994 (14021809) 406878.52
3747901.55 0.05050 (14021809)
406888.00 3747901.54 0.05004 (14021809) 406897.49
3747901.53 0.04924 (13121116)

*** MODELOPTs: NonDFAULT CONC FLAT URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
406906.97	3747901.52	0.05883	(14120316)	406916.46	3747901.51	0.06840	(14120316)
406925.95	3747901.50	0.07732	(14120316)	406935.43	3747901.50	0.08501	(14120316)
406944.92	3747901.49	0.09103	(14120316)	406954.40	3747901.48	0.09499	(14120316)
406963.89	3747901.47	0.09669	(14120316)	406973.38	3747901.46	0.09610	(14120316)
406982.86	3747901.45	0.09334	(14120316)	406992.35	3747901.44	0.08868	(14120316)
407001.83	3747901.43	0.08250	(14120316)	406851.68	3747903.32	0.04603	(14021809)
406843.81	3747900.06	0.04471	(14021809)	406835.95	3747896.81	0.04269	(14021809)
406828.08	3747893.55	0.04006	(14021809)	406820.21	3747890.30	0.03802	(15021709)
406812.34	3747887.04	0.03975	(15021709)	406804.47	3747883.79	0.04087	(15021709)
406796.61	3747880.54	0.04136	(15021709)	406785.48	3747869.41	0.04272	(15021709)
406782.23	3747861.55	0.04360	(15021709)	406778.98	3747853.68	0.04380	(15021709)
406775.72	3747845.81	0.04328	(15021709)	406772.47	3747837.94	0.04205	(15021709)
406769.21	3747830.07	0.04013	(15021709)	406765.96	3747822.21	0.04287	(13121916)
406762.70	3747814.34	0.04923	(13121916)	406859.55	3747906.57	0.04657	(14021809)
406869.03	3747906.56	0.04779	(14021809)	406878.52	3747906.55	0.04812	(14021809)
406888.01	3747906.54	0.04750	(14021809)	406897.49	3747906.53	0.04684	(13121116)
406906.98	3747906.52	0.05573	(14120316)	406916.46	3747906.51	0.06475	(14120316)
406925.95	3747906.50	0.07319	(14120316)	406935.44	3747906.50	0.08055	(14120316)
406944.92	3747906.49	0.08638	(14120316)	406954.41	3747906.48	0.09033	(14120316)
406963.89	3747906.47	0.09220	(14120316)	406973.38	3747906.46	0.09194	(14120316)
406982.87	3747906.45	0.08964	(14120316)	406992.35	3747906.44	0.08553	(14120316)
407001.84	3747906.43	0.07993	(14120316)	406859.45	3747806.57	0.11723	(15021709)
407001.74	3747806.43	0.14297	(13112016)	407001.87	3747664.29	0.12149	(15122816)
406859.59	3747664.15	0.13346	(13112916)				

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01044 AT	(406944.83, 3747811.49, 29.00, 29.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.01040 AT	(406935.34, 3747811.50, 29.00, 29.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.01016 AT	(406954.31, 3747811.48, 29.00, 29.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.01004 AT	(406925.86, 3747811.50, 29.00, 29.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00962 AT	(406963.80, 3747811.47, 29.00, 29.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00936 AT	(406916.37, 3747811.51, 29.00, 29.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00935 AT	(407006.79, 3747749.58, 29.00, 29.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00930 AT	(406944.83, 3747816.49, 29.00, 29.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00922 AT	(406935.35, 3747816.50, 29.00, 29.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00920 AT	(407006.78, 3747759.05, 29.00, 29.00, 0.00)	DC	

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

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

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

ALL HIGH 1ST HIGH VALUE IS 0.29602 ON 14120316: AT (406944.83, 3747811.49, 29.00, 29.00, 0.00) DC

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

*** MODELOPTs: NonDFAULT CONC FLAT 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 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 1978 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1978 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 CO\14635 OPS I-5
CO.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL "14635 OPS I-5 CO.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 2.473
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   406477.947 3748705.987 0.0
   LOCATION L0000002     VOLUME   406518.441 3748667.306 0.0
   LOCATION L0000003     VOLUME   406558.064 3748627.756 0.0
   LOCATION L0000004     VOLUME   406596.623 3748587.146 0.0
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   LOCATION L0000005     VOLUME   406635.182 3748546.536 0.0
   LOCATION L0000006     VOLUME   406673.802 3748505.983 0.0
   LOCATION L0000007     VOLUME   406712.502 3748465.508 0.0
   LOCATION L0000008     VOLUME   406751.203 3748425.032 0.0
   LOCATION L0000009     VOLUME   406789.903 3748384.557 0.0
   LOCATION L0000010     VOLUME   406834.559 3748350.839 0.0
   LOCATION L0000011     VOLUME   406879.580 3748317.535 0.0
   LOCATION L0000012     VOLUME   406925.917 3748286.094 0.0
   LOCATION L0000013     VOLUME   406972.347 3748254.785 0.0
   LOCATION L0000014     VOLUME   407018.777 3748223.476 0.0
   LOCATION L0000015     VOLUME   407065.206 3748192.167 0.0
   LOCATION L0000016     VOLUME   407111.636 3748160.858 0.0
   LOCATION L0000017     VOLUME   407158.066 3748129.549 0.0
   LOCATION L0000018     VOLUME   407204.496 3748098.240 0.0
   LOCATION L0000019     VOLUME   407251.187 3748067.320 0.0
   LOCATION L0000020     VOLUME   407297.885 3748036.413 0.0
   LOCATION L0000021     VOLUME   407344.583 3748005.505 0.0
   LOCATION L0000022     VOLUME   407391.281 3747974.597 0.0
   LOCATION L0000023     VOLUME   407437.979 3747943.690 0.0
   LOCATION L0000024     VOLUME   407484.677 3747912.782 0.0
   LOCATION L0000025     VOLUME   407531.375 3747881.874 0.0
   LOCATION L0000026     VOLUME   407578.074 3747850.967 0.0
   LOCATION L0000027     VOLUME   407624.772 3747820.059 0.0
   LOCATION L0000028     VOLUME   407671.470 3747789.151 0.0
   LOCATION L0000029     VOLUME   407718.168 3747758.244 0.0
   LOCATION L0000030     VOLUME   407764.848 3747727.308 0.0
   LOCATION L0000031     VOLUME   407811.380 3747696.151 0.0
   LOCATION L0000032     VOLUME   407857.912 3747664.994 0.0
   LOCATION L0000033     VOLUME   407904.444 3747633.837 0.0
   LOCATION L0000034     VOLUME   407950.976 3747602.679 0.0
   LOCATION L0000035     VOLUME   407997.508 3747571.522 0.0
   LOCATION L0000036     VOLUME   408044.040 3747540.365 0.0
   LOCATION L0000037     VOLUME   408090.572 3747509.208 0.0
   LOCATION L0000038     VOLUME   408137.104 3747478.051 0.0
   LOCATION L0000039     VOLUME   408183.019 3747446.029 0.0
   LOCATION L0000040     VOLUME   408227.637 3747412.187 0.0
   LOCATION L0000041     VOLUME   408272.255 3747378.346 0.0
   LOCATION L0000042     VOLUME   408316.873 3747344.504 0.0
   LOCATION L0000043     VOLUME   408361.491 3747310.663 0.0
   LOCATION L0000044     VOLUME   408405.610 3747276.180 0.0
   LOCATION L0000045     VOLUME   408449.381 3747241.250 0.0
   LOCATION L0000046     VOLUME   408493.151 3747206.320 0.0
   LOCATION L0000047     VOLUME   408536.922 3747171.389 0.0
   LOCATION L0000048     VOLUME   408580.782 3747136.572 0.0
   LOCATION L0000049     VOLUME   408626.336 3747104.196 0.0
   LOCATION L0000050     VOLUME   408674.468 3747075.573 0.0
   LOCATION L0000051     VOLUME   408722.601 3747046.950 0.0
   LOCATION L0000052     VOLUME   408770.733 3747018.327 0.0
   LOCATION L0000053     VOLUME   408818.865 3746989.704 0.0
   LOCATION L0000054     VOLUME   408866.997 3746961.081 0.0
   LOCATION L0000055     VOLUME   408915.303 3746932.774 0.0
   LOCATION L0000056     VOLUME   408965.258 3746907.466 0.0
   LOCATION L0000057     VOLUME   409015.214 3746882.158 0.0
   LOCATION L0000058     VOLUME   409065.169 3746856.850 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000002     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000003     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000004     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000005     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000006     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000007     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000008     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000009     0.042637931      3.49     26.05      3.25
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   SRCPARAM L0000010     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000011     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000012     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000013     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000014     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000015     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000016     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000017     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000018     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000019     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000020     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000021     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000022     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000023     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000024     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000025     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000026     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000027     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000028     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000029     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000030     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000031     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000032     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000033     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000034     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000035     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000036     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000037     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000038     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000039     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000040     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000041     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000042     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000043     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000044     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000045     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000046     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000047     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000048     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000049     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000050     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000051     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000052     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000053     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000054     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000055     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000056     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000057     0.042637931      3.49     26.05      3.25
   SRCPARAM L0000058     0.042637931      3.49     26.05      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD RECEPTOR PATHWAY
****************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 406293.32 60 50.00 3746652.85 45 50.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00

HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
   GRIDCART UCART1 END
RE FINISHED
**
****************************************
** AERMOD METEOROLOGY PATHWAY
****************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "14635 OPS I-5 CO.AD\01H1GALL.PLT" 31
   PLOTFILE   8 ALL 1ST "14635 OPS I-5 CO.AD\08H1GALL.PLT" 32
```

```
   SUMMFILE "14635 OPS I-5 CO.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    1107       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    1107       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:27:07

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: CO

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

 **This Run Includes:     58 Source(s);       1 Source Group(s); and    2700 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 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:  16216

 **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) =    29.00 ;  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 =      3.9 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 OPS I-5
 CO.ERR
 **File for Summary of Results:   14635 OPS I-5
 CO.SUM
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:27:07

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
  SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000001         0   0.42638E-01  406477.9 3748706.0     0.0     3.49    26.05     3.25
 YES
 L0000002         0   0.42638E-01  406518.4 3748667.3     0.0     3.49    26.05     3.25
 YES
 L0000003         0   0.42638E-01  406558.1 3748627.8     0.0     3.49    26.05     3.25
 YES
 L0000004         0   0.42638E-01  406596.6 3748587.1     0.0     3.49    26.05     3.25
```

YES
L0000005 0 0.42638E-01 406635.2 3748546.5 0.0 3.49 26.05 3.25
YES
L0000006 0 0.42638E-01 406673.8 3748506.0 0.0 3.49 26.05 3.25
YES
L0000007 0 0.42638E-01 406712.5 3748465.5 0.0 3.49 26.05 3.25
YES
L0000008 0 0.42638E-01 406751.2 3748425.0 0.0 3.49 26.05 3.25
YES
L0000009 0 0.42638E-01 406789.9 3748384.6 0.0 3.49 26.05 3.25
YES
L0000010 0 0.42638E-01 406834.6 3748350.8 0.0 3.49 26.05 3.25
YES
L0000011 0 0.42638E-01 406879.6 3748317.5 0.0 3.49 26.05 3.25
YES
L0000012 0 0.42638E-01 406925.9 3748286.1 0.0 3.49 26.05 3.25
YES
L0000013 0 0.42638E-01 406972.3 3748254.8 0.0 3.49 26.05 3.25
YES
L0000014 0 0.42638E-01 407018.8 3748223.5 0.0 3.49 26.05 3.25
YES
L0000015 0 0.42638E-01 407065.2 3748192.2 0.0 3.49 26.05 3.25
YES
L0000016 0 0.42638E-01 407111.6 3748160.9 0.0 3.49 26.05 3.25
YES
L0000017 0 0.42638E-01 407158.1 3748129.5 0.0 3.49 26.05 3.25
YES
L0000018 0 0.42638E-01 407204.5 3748098.2 0.0 3.49 26.05 3.25
YES
L0000019 0 0.42638E-01 407251.2 3748067.3 0.0 3.49 26.05 3.25
YES
L0000020 0 0.42638E-01 407297.9 3748036.4 0.0 3.49 26.05 3.25
YES
L0000021 0 0.42638E-01 407344.6 3748005.5 0.0 3.49 26.05 3.25
YES
L0000022 0 0.42638E-01 407391.3 3747974.6 0.0 3.49 26.05 3.25
YES
L0000023 0 0.42638E-01 407438.0 3747943.7 0.0 3.49 26.05 3.25
YES
L0000024 0 0.42638E-01 407484.7 3747912.8 0.0 3.49 26.05 3.25
YES
L0000025 0 0.42638E-01 407531.4 3747881.9 0.0 3.49 26.05 3.25
YES
L0000026 0 0.42638E-01 407578.1 3747851.0 0.0 3.49 26.05 3.25
YES
L0000027 0 0.42638E-01 407624.8 3747820.1 0.0 3.49 26.05 3.25
YES
L0000028 0 0.42638E-01 407671.5 3747789.2 0.0 3.49 26.05 3.25
YES
L0000029 0 0.42638E-01 407718.2 3747758.2 0.0 3.49 26.05 3.25
YES
L0000030 0 0.42638E-01 407764.8 3747727.3 0.0 3.49 26.05 3.25
YES
L0000031 0 0.42638E-01 407811.4 3747696.2 0.0 3.49 26.05 3.25
YES
L0000032 0 0.42638E-01 407857.9 3747665.0 0.0 3.49 26.05 3.25
YES
L0000033 0 0.42638E-01 407904.4 3747633.8 0.0 3.49 26.05 3.25
YES
L0000034 0 0.42638E-01 407951.0 3747602.7 0.0 3.49 26.05 3.25
YES
L0000035 0 0.42638E-01 407997.5 3747571.5 0.0 3.49 26.05 3.25
YES
L0000036 0 0.42638E-01 408044.0 3747540.4 0.0 3.49 26.05 3.25
YES
L0000037 0 0.42638E-01 408090.6 3747509.2 0.0 3.49 26.05 3.25

YES
L0000038 0 0.42638E-01 408137.1 3747478.1 0.0 3.49 26.05 3.25
YES
L0000039 0 0.42638E-01 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.42638E-01 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 3
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000041	0	0.42638E-01	408272.3	3747378.3	0.0	3.49	26.05	3.25
YES								
L0000042	0	0.42638E-01	408316.9	3747344.5	0.0	3.49	26.05	3.25
YES								
L0000043	0	0.42638E-01	408361.5	3747310.7	0.0	3.49	26.05	3.25
YES								
L0000044	0	0.42638E-01	408405.6	3747276.2	0.0	3.49	26.05	3.25
YES								
L0000045	0	0.42638E-01	408449.4	3747241.2	0.0	3.49	26.05	3.25
YES								
L0000046	0	0.42638E-01	408493.2	3747206.3	0.0	3.49	26.05	3.25
YES								
L0000047	0	0.42638E-01	408536.9	3747171.4	0.0	3.49	26.05	3.25
YES								
L0000048	0	0.42638E-01	408580.8	3747136.6	0.0	3.49	26.05	3.25
YES								
L0000049	0	0.42638E-01	408626.3	3747104.2	0.0	3.49	26.05	3.25
YES								
L0000050	0	0.42638E-01	408674.5	3747075.6	0.0	3.49	26.05	3.25
YES								
L0000051	0	0.42638E-01	408722.6	3747046.9	0.0	3.49	26.05	3.25
YES								
L0000052	0	0.42638E-01	408770.7	3747018.3	0.0	3.49	26.05	3.25
YES								
L0000053	0	0.42638E-01	408818.9	3746989.7	0.0	3.49	26.05	3.25
YES								
L0000054	0	0.42638E-01	408867.0	3746961.1	0.0	3.49	26.05	3.25
YES								
L0000055	0	0.42638E-01	408915.3	3746932.8	0.0	3.49	26.05	3.25
YES								
L0000056	0	0.42638E-01	408965.3	3746907.5	0.0	3.49	26.05	3.25
YES								
L0000057	0	0.42638E-01	409015.2	3746882.2	0.0	3.49	26.05	3.25
YES								
L0000058	0	0.42638E-01	409065.2	3746856.8	0.0	3.49	26.05	3.25
YES								

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3010232.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 ,

L0000047 , L0000048 ,

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3, 406343.3, 406393.3, 406443.3, 406493.3, 406543.3, 406593.3, 406643.3,
406693.3, 406743.3,
406793.3, 406843.3, 406893.3, 406943.3, 406993.3, 407043.3, 407093.3, 407143.3,
407193.3, 407243.3,
407293.3, 407343.3, 407393.3, 407443.3, 407493.3, 407543.3, 407593.3, 407643.3,
407693.3, 407743.3,
407793.3, 407843.3, 407893.3, 407943.3, 407993.3, 408043.3, 408093.3, 408143.3,
408193.3, 408243.3,
408293.3, 408343.3, 408393.3, 408443.3, 408493.3, 408543.3, 408593.3, 408643.3,
408693.3, 408743.3,
408793.3, 408843.3, 408893.3, 408943.3, 408993.3, 409043.3, 409093.3, 409143.3,
409193.3, 409243.3,

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8, 3746702.8, 3746752.8, 3746802.8, 3746852.8, 3746902.8, 3746952.8, 3747002.8,
3747052.8, 3747102.8,
3747152.8, 3747202.8, 3747252.8, 3747302.8, 3747352.8, 3747402.8, 3747452.8, 3747502.8,
3747552.8, 3747602.8,
3747652.8, 3747702.8, 3747752.8, 3747802.8, 3747852.8, 3747902.8, 3747952.8, 3748002.8,
3748052.8, 3748102.8,
3748152.8, 3748202.8, 3748252.8, 3748302.8, 3748352.8, 3748402.8, 3748452.8, 3748502.8,
3748552.8, 3748602.8,
3748652.8, 3748702.8, 3748752.8, 3748802.8, 3748852.8,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00				

0.00 0.00 0.00 0.00
3748802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
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3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
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3747452.85 | 0.00 0.00 0.00 0.00 0.00
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3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00

0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32 406443.32 406493.32 406543.32
406593.32 406643.32 406693.32
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0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
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3748402.85 | 0.00 0.00 0.00 0.00 0.00
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3748352.85 | 0.00 0.00 0.00 0.00 0.00
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3748302.85 | 0.00 0.00 0.00 0.00 0.00
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3748252.85 | 0.00 0.00 0.00 0.00 0.00
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3748202.85 | 0.00 0.00 0.00 0.00 0.00
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3748152.85 | 0.00 0.00 0.00 0.00 0.00
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3748102.85 | 0.00 0.00 0.00 0.00 0.00
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3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
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3747802.85 | 0.00 0.00 0.00 0.00 0.00
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3747752.85 | 0.00 0.00 0.00 0.00 0.00
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3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
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3747602.85 | 0.00 0.00 0.00 0.00 0.00
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3747552.85 | 0.00 0.00 0.00 0.00 0.00
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3747502.85 | 0.00 0.00 0.00 0.00 0.00
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3747452.85 | 0.00 0.00 0.00 0.00 0.00
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3747402.85 | 0.00 0.00 0.00 0.00 0.00
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3747302.85 | 0.00 0.00 0.00 0.00 0.00
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3747202.85 | 0.00 0.00 0.00 0.00 0.00
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3747152.85 | 0.00 0.00 0.00 0.00 0.00
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3747102.85 | 0.00 0.00 0.00 0.00 0.00
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3747052.85 | 0.00 0.00 0.00 0.00 0.00

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 3747002.85 | 0.00 0.00 0.00 0.00 0.00
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 3746952.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
 3746902.85 | 0.00 0.00 0.00 0.00 0.00
 0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
 *** AERMET - VERSION 16216 ***
 *** *** 20:27:07

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406743.32 406793.32 406843.32 406893.32 406943.32 406993.32
407043.32 407093.32 407143.32
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0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
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3748452.85 | 0.00 0.00 0.00 0.00 0.00
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3748402.85 | 0.00 0.00 0.00 0.00 0.00
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3748352.85 | 0.00 0.00 0.00 0.00 0.00
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3748302.85 | 0.00 0.00 0.00 0.00 0.00
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3748252.85 | 0.00 0.00 0.00 0.00 0.00
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3748202.85 | 0.00 0.00 0.00 0.00 0.00
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3748152.85 | 0.00 0.00 0.00 0.00 0.00
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3748102.85 | 0.00 0.00 0.00 0.00 0.00
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3748052.85 | 0.00 0.00 0.00 0.00 0.00
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3748002.85 | 0.00 0.00 0.00 0.00 0.00
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3747952.85 | 0.00 0.00 0.00 0.00 0.00
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3747902.85 | 0.00 0.00 0.00 0.00 0.00
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3747852.85 | 0.00 0.00 0.00 0.00 0.00
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3747802.85 | 0.00 0.00 0.00 0.00 0.00
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3747752.85 | 0.00 0.00 0.00 0.00 0.00
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3747702.85 | 0.00 0.00 0.00 0.00 0.00
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3747652.85 | 0.00 0.00 0.00 0.00 0.00
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3747602.85 | 0.00 0.00 0.00 0.00 0.00
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3747552.85 | 0.00 0.00 0.00 0.00 0.00
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3747502.85 | 0.00 0.00 0.00 0.00 0.00
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3747452.85 | 0.00 0.00 0.00 0.00 0.00
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3747352.85 | 0.00 0.00 0.00 0.00 0.00
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3747252.85 | 0.00 0.00 0.00 0.00 0.00
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3747202.85 | 0.00 0.00 0.00 0.00 0.00
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3747152.85 | 0.00 0.00 0.00 0.00 0.00
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3747102.85 | 0.00 0.00 0.00 0.00 0.00
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3747052.85 | 0.00 0.00 0.00 0.00 0.00
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3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748602.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748552.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748502.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748452.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748402.85	0.00	0.00	0.00	0.00	0.00	

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 0.00         0.00         0.00         0.00
 3748352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       20:27:07
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408393.32	408443.32	408493.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748602.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748552.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748502.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748452.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748402.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748352.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748302.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748252.85	0.00	0.00	0.00	0.00	0.00	

0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

```
   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     408093.32    408143.32    408193.32    408243.32    408293.32    408343.32
   408393.32    408443.32    408493.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:27:07

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     408543.32    408593.32    408643.32    408693.32    408743.32    408793.32
   408843.32    408893.32    408943.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3748852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

- - - -

3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** *** 20:27:07

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3748252.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3748202.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3748152.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3748102.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3748052.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3748002.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747952.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747902.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747852.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747802.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747752.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747702.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747652.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747602.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747552.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747502.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747452.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747402.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747352.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747302.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747252.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747202.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747152.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747102.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747052.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3747002.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3746952.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		
3746902.85	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00		

Y-COORD (METERS)	X-COORD (METERS)							
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32	407043.32	407093.32	407143.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32	407043.32	407093.32	407143.32

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3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			

- - - - - - - - - - - - - - - - -

3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

```
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       20:27:07

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     407643.32    407693.32    407743.32    407793.32    407843.32    407893.32
    407943.32    407993.32    408043.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32	408393.32	408443.32	408493.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408393.32	408443.32	408493.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32	408843.32	408893.32	408943.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID - - RECEPTOR LOCATION - - XR (METERS) YR (METERS) DISTANCE (METERS)

L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98
L0000020	407293.3	3748052.8	-38.95
L0000020	407343.3	3748052.8	-7.69
L0000021	407343.3	3747952.8	-3.34
L0000021	407293.3	3748002.8	-4.68
L0000021	407343.3	3748002.8	-53.07
L0000021	407393.3	3748002.8	-7.20
L0000021	407343.3	3748052.8	-8.65
L0000022	407343.3	3747952.8	-3.35
L0000022	407393.3	3747952.8	-34.17
L0000022	407443.3	3747952.8	0.39
L0000022	407343.3	3748002.8	-0.34
L0000022	407393.3	3748002.8	-27.68
L0000023	407443.3	3747902.8	-14.82
L0000023	407393.3	3747952.8	-10.42
L0000023	407443.3	3747952.8	-45.40
L0000023	407493.3	3747952.8	0.09
L0000024	407443.3	3747902.8	-13.47
L0000024	407493.3	3747902.8	-42.84
L0000024	407493.3	3747952.8	-15.02
L0000025	407493.3	3747852.8	-8.15
L0000025	407543.3	3747852.8	-24.62
L0000025	407493.3	3747902.8	-12.55
L0000025	407543.3	3747902.8	-31.87
L0000026	407593.3	3747802.8	-5.53
L0000026	407543.3	3747852.8	-21.20
L0000026	407593.3	3747852.8	-40.65
L0000026	407593.3	3747902.8	-1.93
L0000027	407593.3	3747802.8	-20.16
L0000027	407643.3	3747802.8	-30.71
L0000027	407593.3	3747852.8	-10.57
L0000027	407643.3	3747852.8	-18.33
L0000028	407643.3	3747752.8	-10.07
L0000028	407693.3	3747752.8	-13.64
L0000028	407643.3	3747802.8	-24.70
L0000028	407693.3	3747802.8	-30.22
L0000029	407693.3	3747752.8	-30.58
L0000029	407743.3	3747752.8	-30.28
L0000029	407693.3	3747802.8	-4.95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37

L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57
L0000032	407843.3	3747702.8	-15.44
L0000032	407893.3	3747702.8	-4.17
L0000033	407893.3	3747602.8	-23.08
L0000033	407943.3	3747602.8	-6.29
L0000033	407893.3	3747652.8	-33.98
L0000033	407943.3	3747652.8	-12.73
L0000034	407943.3	3747552.8	-5.59
L0000034	407943.3	3747602.8	-48.35
L0000034	407993.3	3747602.8	-13.66
L0000034	407943.3	3747652.8	-5.26
L0000035	407993.3	3747552.8	-36.87
L0000035	408043.3	3747552.8	-6.54
L0000035	407993.3	3747602.8	-24.40
L0000035	408043.3	3747602.8	-0.51
L0000036	408043.3	3747502.8	-18.49
L0000036	407993.3	3747552.8	-3.77
L0000036	408043.3	3747552.8	-43.50
L0000036	408093.3	3747552.8	-5.17
L0000037	408093.3	3747452.8	0.42
L0000037	408043.3	3747502.8	-8.33
L0000037	408093.3	3747502.8	-49.08
L0000037	408143.3	3747502.8	-2.88
L0000037	408093.3	3747552.8	-12.28
L0000038	408093.3	3747452.8	-5.49
L0000038	408143.3	3747452.8	-30.05
L0000038	408093.3	3747502.8	-5.69
L0000038	408143.3	3747502.8	-30.44
L0000039	408193.3	3747402.8	-11.62
L0000039	408143.3	3747452.8	-15.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64

L0000044	408443.3	3747252.8	-11.66
L0000044	408393.3	3747302.8	-26.64
L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13
L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000049	408643.3	3747152.8	-4.47
L0000050	408643.3	3747052.8	-17.45
L0000050	408693.3	3747052.8	-26.48
L0000050	408643.3	3747102.8	-14.60
L0000050	408693.3	3747102.8	-22.85
L0000051	408693.3	3747002.8	-3.07
L0000051	408743.3	3747002.8	-7.28
L0000051	408693.3	3747052.8	-26.14
L0000051	408743.3	3747052.8	-34.46
L0000052	408743.3	3747002.8	-24.53
L0000052	408793.3	3747002.8	-28.63
L0000052	408743.3	3747052.8	-11.92
L0000052	408793.3	3747052.8	-14.75
L0000053	408793.3	3746952.8	-11.17
L0000053	408843.3	3746952.8	-11.78
L0000053	408793.3	3747002.8	-27.28
L0000053	408843.3	3747002.8	-28.24
L0000054	408843.3	3746952.8	-30.94
L0000054	408893.3	3746952.8	-28.43
L0000054	408843.3	3747002.8	-7.99
L0000054	408893.3	3747002.8	-6.64
L0000055	408893.3	3746902.8	-18.88
L0000055	408943.3	3746902.8	-15.01
L0000055	408893.3	3746952.8	-26.24
L0000055	408943.3	3746952.8	-21.54
L0000056	408943.3	3746902.8	-33.59
L0000056	408993.3	3746902.8	-27.57

L0000056	408943.3	3746952.8	-5.60
L0000056	408993.3	3746952.8	-2.65
L0000057	408993.3	3746852.8	-19.42
L0000057	409043.3	3746852.8	-15.40
L0000057	408993.3	3746902.8	-25.88
L0000057	409043.3	3746902.8	-21.11
L0000058	409043.3	3746852.8	-33.80
L0000058	409093.3	3746852.8	-27.57
L0000058	409043.3	3746902.8	-5.08
L0000058	409093.3	3746902.8	-2.08

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	283.8	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32
3748852.8	14.27698 (13032208)	15.11169 (13032208)	20.88529 (14062706)	20.56136 (14062706)	17.12142 (13041407)
3748802.8	15.21363 (13032208)	19.65893 (13032208)	23.68074 (14062706)	32.06951 (14062706)	25.13883 (13041407)
3748752.8	18.08228 (13052506)	21.96662 (13052506)	30.81579 (13032208)	49.73582 (14062706)	35.41078 (14062706)
3748702.8	19.22288 (13052506)	25.45958 (13052506)	38.36090 (13052506)	34.56818 (13032208)	30.57176 (14062706)
3748652.8	16.80855 (13052506)	21.11014 (13052506)	28.87935 (13052506)	47.60398 (13052506)	41.10057 (13052506)
3748602.8	14.69503 (13052506)	17.62351 (13052506)	22.17289 (12052806)	32.62566 (12052806)	52.80370 (12052806)
3748552.8	13.14434 (13052506)	15.41117 (13052506)	19.67273 (12052806)	26.36458 (12052806)	37.17374 (12052806)
3748502.8	11.82958 (12052806)	14.26147 (12052806)	17.61022 (12052806)	22.32243 (12052806)	29.20127 (12052806)
3748452.8	11.24961 (12052806)	13.27032 (12052806)	15.91622 (12052806)	19.43702 (12052806)	24.24934 (12052806)
3748402.8	10.66608 (12052806)	12.36262 (12052806)	14.50404 (12052806)	17.24135 (12052806)	20.81188 (12052806)
3748352.8	10.10204 (12052806)	11.54117 (12052806)	13.30709 (12052806)	15.49588 (12052806)	18.25107 (12052806)
3748302.8	9.56761 (12052806)	10.79978 (12052806)	12.27777 (12052806)	14.06464 (12052806)	16.25035 (12052806)
3748252.8	9.06651 (12052806)	10.13019 (12052806)	11.38215 (12052806)	12.86460 (12052806)	14.63511 (12052806)
3748202.8	8.59932 (12052806)	9.52430 (12052806)	10.59562 (12052806)	11.84190 (12052806)	13.30053 (12052806)
3748152.8	8.16506 (12052806)	8.97481 (12052806)	9.89975 (12052806)	10.95952 (12052806)	12.17877 (12052806)
3748102.8	7.76201 (12052806)	8.47528 (12052806)	9.28027 (12052806)	10.19066 (12052806)	11.22298 (12052806)
3748052.8	7.38811 (12052806)	8.02003 (12052806)	8.72581 (12052806)	9.51511 (12052806)	10.39927 (12052806)
3748002.8	7.04118 (12052806)	7.60406 (12052806)	8.22708 (12052806)		

8.91716 (12052806) 9.68225 (12052806)
3747952.8 | 6.71902 (12052806) 7.22298 (12052806) 7.77640 (12052806)
8.38435 (12052806) 9.05253 (12052806)
3747902.8 | 6.41954 (12052806) 6.87290 (12052806) 7.36735 (12052806)
7.90666 (12052806) 8.49502 (12052806)
3747852.8 | 6.14076 (12052806) 6.55041 (12052806) 6.99452 (12052806)
7.47595 (12052806) 7.99783 (12052806)
3747802.8 | 5.88083 (12052806) 6.25252 (12052806) 6.65337 (12052806)
7.08556 (12052806) 7.55151 (12052806)
3747752.8 | 5.63806 (12052806) 5.97661 (12052806) 6.34002 (12052806)
6.73001 (12052806) 7.14844 (12052806)
3747702.8 | 5.41092 (12052806) 5.72038 (12052806) 6.05119 (12052806)
6.40471 (12052806) 6.78244 (12052806)
3747652.8 | 5.19802 (12052806) 5.48181 (12052806) 5.78406 (12052806)
6.10587 (12052806) 6.44844 (12052806)
3747602.8 | 4.99811 (12052806) 5.25914 (12052806) 5.53623 (12052806)
5.83029 (12052806) 6.14227 (12052806)
3747552.8 | 4.81006 (12052806) 5.05081 (12052806) 5.30563 (12052806)
5.57525 (12052806) 5.86045 (12052806)
3747502.8 | 4.63286 (12052806) 4.85548 (12052806) 5.09048 (12052806)
5.33845 (12052806) 5.60005 (12052806)
3747452.8 | 4.46560 (12052806) 4.67195 (12052806) 4.88922 (12052806)
5.11793 (12052806) 5.35862 (12052806)
3747402.8 | 4.30748 (12052806) 4.49914 (12052806) 4.70050 (12052806)
4.91198 (12052806) 5.13405 (12052806)
3747352.8 | 4.15776 (12052806) 4.33614 (12052806) 4.52315 (12052806)
4.71916 (12052806) 4.92456 (12052806)
3747302.8 | 4.01579 (12052806) 4.18211 (12052806) 4.35614 (12052806)
4.53819 (12052806) 4.72860 (12052806)
3747252.8 | 3.88098 (12052806) 4.03631 (12052806) 4.19855 (12052806)
4.36797 (12052806) 4.54486 (12052806)
3747202.8 | 3.75279 (12052806) 3.89809 (12052806) 4.04959 (12052806)
4.20754 (12052806) 4.37216 (12052806)
3747152.8 | 3.63076 (12052806) 3.76686 (12052806) 3.90855 (12052806)
4.05603 (12052806) 4.20952 (12052806)
3747102.8 | 3.51445 (12052806) 3.64209 (12052806) 3.77479 (12052806)
3.91271 (12052806) 4.05603 (12052806)
3747052.8 | 3.40346 (12052806) 3.52332 (12052806) 3.64776 (12052806)
3.77690 (12052806) 3.91092 (12052806)
3747002.8 | 3.29744 (12052806) 3.41012 (12052806) 3.52694 (12052806)
3.64803 (12052806) 3.77351 (12052806)
3746952.8 | 3.19608 (12052806) 3.30211 (12052806) 3.41190 (12052806)
3.52556 (12052806) 3.64319 (12052806)
3746902.8 | 3.09907 (12052806) 3.19894 (12052806) 3.30223 (12052806)
3.40902 (12052806) 3.51941 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)				
	406293.32	406343.32	406393.32	406443.32	406493.32
3746852.8	3.00615 (12052806)	3.10031 (12052806)	3.19756 (12052806)	3.29800 (12052806)	3.40170 (12052806)
3746802.8	2.91708 (12052806)	3.00591 (12052806)	3.09756 (12052806)	3.19211 (12052806)	3.28961 (12052806)
3746752.8	2.83163 (12052806)	2.91550 (12052806)	3.00194 (12052806)	3.09101 (12052806)	3.18276 (12052806)
3746702.8	2.74959 (12052806)	2.82884 (12052806)	2.91042 (12052806)	2.99439 (12052806)	3.08080 (12052806)
3746652.8	2.67078 (12052806)	2.74570 (12052806)	2.82275 (12052806)	2.90197 (12052806)	2.98340 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406543.32	406593.32	406643.32	406693.32	406743.32
3748852.8	16.94553 (14120316)	16.00973 (14120316)	14.47140 (12052806)	13.61521 (12052806)	12.79982 (12052806)
3748802.8	25.54384 (14120316)	20.91186 (14120316)	18.19925 (12052806)	16.52832 (12052806)	15.13735 (12052806)
3748752.8	40.32286 (14120316)	28.40191 (12052806)	23.73918 (12052806)	20.52278 (12052806)	18.17568 (12052806)
3748702.8	41.67126 (12052806)	43.34584 (12052806)	32.27345 (12052806)	26.12535 (12052806)	22.18879 (12052806)
3748652.8	36.27269 (14062706)	48.05482 (12052806)	46.60460 (12052806)	34.37463 (12052806)	27.65875 (12052806)
3748602.8	38.53206 (13041207)	42.43332 (14062706)	35.07711 (12052806)	47.95114 (12052806)	35.59854 (12052806)
3748552.8	57.54135 (12052806)	37.78790 (12052806)	46.12216 (12052806)	54.05702 (12052806)	48.60261 (12052806)
3748502.8	40.11537 (12052806)	61.09944 (12052806)	40.07305 (12052806)	42.54788 (12052806)	52.14714 (12052806)
3748452.8	31.17981 (12052806)	42.21889 (12052806)	63.68327 (12052806)		

48.23482 (13052506)   42.44962 (12052806)
3748402.8 | 25.63841 (12052806)   32.58318 (12052806)   43.73628 (12052806)
65.72660 (12052806)   46.73808 (13041207)
3748352.8 | 21.80843 (12052806)   26.59582 (12052806)   33.48579 (12052806)
44.58287 (12052806)   51.64980 (13041207)
3748302.8 | 18.97273 (12052806)   22.45872 (12052806)   27.11096 (12052806)
33.70628 (12052806)   43.87507 (12052806)
3748252.8 | 16.77634 (12052806)   19.41301 (12052806)   22.74110 (12052806)
27.07913 (12052806)   32.96231 (12052806)
3748202.8 | 15.02211 (12052806)   17.07737 (12052806)   19.56740 (12052806)
22.63925 (12052806)   26.51407 (12052806)
3748152.8 | 13.58918 (12052806)   15.23244 (12052806)   17.16417 (12052806)
19.46006 (12052806)   22.22694 (12052806)
3748102.8 | 12.39763 (12052806)   13.74023 (12052806)   15.28344 (12052806)
17.06992 (12052806)   19.15763 (12052806)
3748052.8 | 11.39180 (12052806)   12.50916 (12052806)   13.77171 (12052806)
15.20534 (12052806)   16.84437 (12052806)
3748002.8 | 10.53161 (12052806)   11.47623 (12052806)   12.52947 (12052806)
13.70805 (12052806)   15.03366 (12052806)
3747952.8 | 9.78747 (12052806)   10.59681 (12052806)   11.48970 (12052806)
12.47744 (12052806)   13.57451 (12052806)
3747902.8 | 9.13716 (12052806)   9.83857 (12052806)   10.60575 (12052806)
11.44664 (12052806)   12.37127 (12052806)
3747852.8 | 8.56369 (12052806)   9.17757 (12052806)   9.84422 (12052806)
10.56943 (12052806)   11.36036 (12052806)
3747802.8 | 8.05388 (12052806)   8.59574 (12052806)   9.18065 (12052806)
9.81291 (12052806)   10.49781 (12052806)
3747752.8 | 7.59739 (12052806)   8.07922 (12052806)   8.59668 (12052806)
9.15301 (12052806)   9.75221 (12052806)
3747702.8 | 7.18599 (12052806)   7.61723 (12052806)   8.07829 (12052806)
8.57171 (12052806)   9.10052 (12052806)
3747652.8 | 6.81307 (12052806)   7.20123 (12052806)   7.61462 (12052806)
8.05522 (12052806)   8.52543 (12052806)
3747602.8 | 6.47324 (12052806)   6.82439 (12052806)   7.19707 (12052806)
7.59287 (12052806)   8.01368 (12052806)
3747552.8 | 6.16211 (12052806)   6.48119 (12052806)   6.81880 (12052806)
7.17622 (12052806)   7.55496 (12052806)
3747502.8 | 5.87600 (12052806)   6.16710 (12052806)   6.47426 (12052806)
6.79851 (12052806)   7.14109 (12052806)
3747452.8 | 5.61189 (12052806)   5.87841 (12052806)   6.15892 (12052806)
6.45429 (12052806)   6.76552 (12052806)
3747402.8 | 5.36720 (12052806)   5.61199 (12052806)   5.86905 (12052806)
6.13909 (12052806)   6.42294 (12052806)
3747352.8 | 5.13976 (12052806)   5.36525 (12052806)   5.60153 (12052806)
5.84922 (12052806)   6.10899 (12052806)
3747302.8 | 4.92773 (12052806)   5.13596 (12052806)   5.35375 (12052806)
5.58160 (12052806)   5.82007 (12052806)
3747252.8 | 4.72951 (12052806)   4.92226 (12052806)   5.12350 (12052806)
5.33364 (12052806)   5.55317 (12052806)
3747202.8 | 4.54374 (12052806)   4.72254 (12052806)   4.90890 (12052806)
5.10316 (12052806)   5.30575 (12052806)
3747152.8 | 4.36922 (12052806)   4.53540 (12052806)   4.70833 (12052806)
4.88830 (12052806)   5.07567 (12052806)
3747102.8 | 4.20494 (12052806)   4.35965 (12052806)   4.52040 (12052806)
4.68746 (12052806)   4.86110 (12052806)
3747052.8 | 4.04997 (12052806)   4.19424 (12052806)   4.34392 (12052806)
4.49925 (12052806)   4.66046 (12052806)
3747002.8 | 3.90353 (12052806)   4.03825 (12052806)   4.17784 (12052806)
4.32249 (12052806)   4.47240 (12052806)
3746952.8 | 3.76492 (12052806)   3.89089 (12052806)   4.02123 (12052806)
4.15613 (12052806)   4.29574 (12052806)
3746902.8 | 3.63351 (12052806)   3.75143 (12052806)   3.87330 (12052806)
3.99926 (12052806)   4.12945 (12052806)
FF *** AERMOD - VERSION 22112 ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS ***   07/06/23
 *** AERMET - VERSION 16216 ***

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406543.32	406593.32	406643.32	406693.32	406743.32
3746852.8	3.50875 (12052806)	3.61926 (12052806)	3.73333 (12052806)	3.85108 (12052806)	3.97264 (12052806)
3746802.8	3.39016 (12052806)	3.49382 (12052806)	3.60070 (12052806)	3.71089 (12052806)	3.82450 (12052806)
3746752.8	3.27727 (12052806)	3.37461 (12052806)	3.47484 (12052806)	3.57806 (12052806)	3.68435 (12052806)
3746702.8	3.16971 (12052806)	3.26117 (12052806)	3.35525 (12052806)	3.45202 (12052806)	3.55156 (12052806)
3746652.8	3.06710 (12052806)	3.15311 (12052806)	3.24148 (12052806)	3.33228 (12052806)	3.42556 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406793.32	406843.32	406893.32	406943.32	406993.32

3748852.8 | 12.05752 (12052806)   11.39336 (12052806)   10.80200 (12052806)
10.27476 (12052806)   9.80253 (12052806)
3748802.8 | 13.98070 (12052806)   13.01113 (12052806)   12.18923 (12052806)
11.48391 (12052806)   10.87105 (12052806)
3748752.8 | 16.38876 (12052806)   14.98284 (12052806)   13.84665 (12052806)
12.90712 (12052806)   12.11432 (12052806)
3748702.8 | 19.44146 (12052806)   17.41078 (12052806)   15.84519 (12052806)
14.59690 (12052806)   13.57316 (12052806)
3748652.8 | 23.39879 (12052806)   20.45285 (12052806)   18.29083 (12052806)
16.63013 (12052806)   15.30637 (12052806)
3748602.8 | 28.74085 (12052806)   24.37738 (12052806)   21.35501 (12052806)
19.12740 (12052806)   17.40391 (12052806)
3748552.8 | 36.47684 (12052806)   29.68716 (12052806)   25.33958 (12052806)
22.29249 (12052806)   20.01219 (12052806)
3748502.8 | 49.12694 (12052806)   37.44734 (12052806)   30.83626 (12052806)
26.50201 (12052806)   23.38713 (12052806)
3748452.8 | 53.13572 (12052806)   50.41799 (12052806)   39.21186 (12052806)
32.53891 (12052806)   28.01638 (12052806)
3748402.8 | 46.02973 (12052806)   40.17850 (12052806)   54.55036 (12052806)
42.31825 (12052806)   34.94630 (12052806)
3748352.8 | 41.67187 (12052806)   48.07631 (12052806)   60.54676 (12052806)
62.01468 (12052806)   46.89777 (12052806)
3748302.8 | 61.51888 (12052806)   46.54001 (13052506)   44.83969 (12052806)
46.79656 (12052806)   53.27994 (12052806)
3748252.8 | 41.39138 (12052806)   54.76916 (12052806)   55.05724 (12052806)
45.79059 (13052506)   45.32820 (12052806)
3748202.8 | 31.55493 (12052806)   38.44445 (12052806)   48.67539 (12052806)
66.44013 (12052806)   52.31303 (13052506)
3748152.8 | 25.62686 (12052806)   29.93025 (12052806)   35.63638 (12052806)
43.77699 (12052806)   56.83175 (12052806)
3748102.8 | 21.63020 (12052806)   24.61734 (12052806)   28.33452 (12052806)
33.16412 (12052806)   39.84106 (12052806)
3748052.8 | 18.73663 (12052806)   20.95252 (12052806)   23.60072 (12052806)
26.85622 (12052806)   31.01440 (12052806)
3748002.8 | 16.53577 (12052806)   18.25601 (12052806)   20.25528 (12052806)
22.62512 (12052806)   25.50751 (12052806)
3747952.8 | 14.80006 (12052806)   16.18033 (12052806)   17.75210 (12052806)
19.56794 (12052806)   21.70457 (12052806)
3747902.8 | 13.39268 (12052806)   14.52821 (12052806)   15.80138 (12052806)
17.24452 (12052806)   18.90271 (12052806)
3747852.8 | 12.22619 (12052806)   13.17885 (12052806)   14.23405 (12052806)
15.41279 (12052806)   16.74330 (12052806)
3747802.8 | 11.24198 (12052806)   12.05388 (12052806)   12.94443 (12052806)
13.92784 (12052806)   15.02272 (12052806)
3747752.8 | 10.39918 (12052806)   11.10011 (12052806)   11.86281 (12052806)
12.69724 (12052806)   13.61617 (12052806)
3747702.8 | 9.66845 (12052806)   10.28012 (12052806)   10.94126 (12052806)
11.65907 (12052806)   12.44261 (12052806)
3747652.8 | 9.02809 (12052806)   9.56673 (12052806)   10.14567 (12052806)
10.77022 (12052806)   11.44699 (12052806)
3747602.8 | 8.46174 (12052806)   8.93977 (12052806)   9.45108 (12052806)
9.99969 (12052806)   10.59054 (12052806)
3747552.8 | 7.95681 (12052806)   8.38389 (12052806)   8.83879 (12052806)
9.32462 (12052806)   9.84512 (12052806)
3747502.8 | 7.50342 (12052806)   7.88722 (12052806)   8.29450 (12052806)
8.72772 (12052806)   9.18977 (12052806)
3747452.8 | 7.09377 (12052806)   7.44041 (12052806)   7.80708 (12052806)
8.19570 (12052806)   8.60856 (12052806)
3747402.8 | 6.72155 (12052806)   7.03604 (12052806)   7.36773 (12052806)
7.71816 (12052806)   8.08917 (12052806)
3747352.8 | 6.38164 (12052806)   6.66809 (12052806)   6.96940 (12052806)
7.28685 (12052806)   7.62189 (12052806)
3747302.8 | 6.06984 (12052806)   6.33165 (12052806)   6.60640 (12052806)
6.89511 (12052806)   7.19898 (12052806)
3747252.8 | 5.78264 (12052806)   6.02268 (12052806)   6.27403 (12052806)

6.53753 (12052806) 6.81418 (12052806)
3747202.8 | 5.51713 (12052806) 5.73782 (12052806) 5.96843 (12052806)
6.20968 (12052806) 6.46238 (12052806)
3747152.8 | 5.27084 (12052806) 5.47423 (12052806) 5.68638 (12052806)
5.90787 (12052806) 6.13936 (12052806)
3747102.8 | 5.04167 (12052806) 5.22955 (12052806) 5.42516 (12052806)
5.62900 (12052806) 5.84163 (12052806)
3747052.8 | 4.82785 (12052806) 5.00173 (12052806) 5.18247 (12052806)
5.37048 (12052806) 5.56623 (12052806)
3747002.8 | 4.62783 (12052806) 4.78905 (12052806) 4.95635 (12052806)
5.13009 (12052806) 5.31067 (12052806)
3746952.8 | 4.44029 (12052806) 4.59000 (12052806) 4.74512 (12052806)
4.90596 (12052806) 5.07285 (12052806)
3746902.8 | 4.26407 (12052806) 4.40329 (12052806) 4.54733 (12052806)
4.69646 (12052806) 4.85094 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406793.32	406843.32	406893.32	406943.32	406993.32
3746852.8	4.09815 (12052806)	4.22779 (12052806)	4.36173 (12052806)	4.50018 (12052806)	4.64338 (12052806)
3746802.8	3.94167 (12052806)	4.06252 (12052806)	4.18720 (12052806)	4.31591 (12052806)	4.44882 (12052806)
3746752.8	3.79383 (12052806)	3.90660 (12052806)	4.02281 (12052806)	4.14258 (12052806)	4.26609 (12052806)
3746702.8	3.65395 (12052806)	3.75929 (12052806)	3.86768 (12052806)	3.97926 (12052806)	4.09414 (12052806)
3746652.8	3.52141 (12052806)	3.61988 (12052806)	3.72109 (12052806)	3.82511 (12052806)	3.93207 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 49
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,

L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407043.32	407093.32	407143.32	407193.32	407243.32
3748852.8	9.37693 (12052806)	8.99074 (12052806)	8.63785 (12052806)	8.31328 (12052806)	8.01291 (12052806)
3748802.8	10.33203 (12052806)	9.85254 (12052806)	9.42154 (12052806)	9.03052 (12052806)	8.67286 (12052806)
3748752.8	11.43320 (12052806)	10.83867 (12052806)	10.31253 (12052806)	9.84137 (12052806)	9.41518 (12052806)
3748702.8	12.71319 (12052806)	11.97598 (12052806)	11.33314 (12052806)	10.76456 (12052806)	10.25569 (12052806)
3748652.8	14.21853 (12052806)	13.30201 (12052806)	12.51405 (12052806)	11.82541 (12052806)	11.21547 (12052806)
3748602.8	16.01857 (12052806)	14.87133 (12052806)	13.89883 (12052806)	13.05911 (12052806)	12.32323 (12052806)
3748552.8	18.22224 (12052806)	16.76682 (12052806)	15.55163 (12052806)	14.51605 (12052806)	13.61909 (12052806)
3748502.8	21.01045 (12052806)	19.12012 (12052806)	17.57051 (12052806)	16.27080 (12052806)	15.16083 (12052806)
3748452.8	24.70462 (12052806)	22.15206 (12052806)	20.11240 (12052806)	18.43809 (12052806)	17.03441 (12052806)
3748402.8	29.93020 (12052806)	26.26095 (12052806)	23.44377 (12052806)	21.20349 (12052806)	19.37346 (12052806)
3748352.8	38.08579 (12052806)	32.24559 (12052806)	28.05698 (12052806)	24.88864 (12052806)	22.39800 (12052806)
3748302.8	53.12846 (12052806)	42.00055 (12052806)	34.98386 (12052806)	30.10860 (12052806)	26.50019 (12052806)
3748252.8	59.09429 (12052806)	61.58875 (12052806)	46.86830 (12052806)	38.22596 (12052806)	32.46240 (12052806)
3748202.8	45.22891 (12052806)	44.41683 (12052806)	52.92558 (12052806)	53.08409 (12052806)	42.13643 (12052806)
3748152.8	56.06903 (12052806)	52.52830 (13052506)	45.18057 (12052806)	42.58636 (12052806)	61.44435 (12052806)
3748102.8	49.96046 (12052806)	67.79472 (12052806)	62.88621 (12052806)	47.94278 (13052506)	44.08273 (12052806)
3748052.8	36.60932 (12052806)	44.71596 (12052806)	57.87320 (12052806)	59.19890 (13052506)	50.40143 (12052806)
3748002.8	29.13184 (12052806)	33.89229 (12052806)	40.52935 (12052806)	50.62737 (12052806)	68.29127 (12052806)
3747952.8	24.27689 (12052806)	27.46369 (12052806)	31.55877 (12052806)	37.08447 (12052806)	45.08602 (12052806)
3747902.8	20.83995 (12052806)	23.14936 (12052806)	25.97171 (12052806)	29.53120 (12052806)	34.21167 (12052806)
3747852.8	18.26410 (12052806)	20.02868 (12052806)	22.11336 (12052806)	24.63112 (12052806)	27.75742 (12052806)
3747802.8	16.25368 (12052806)	17.65372 (12052806)	19.26801 (12052806)	21.15996 (12052806)	23.42174 (12052806)
3747752.8	14.63609 (12052806)	15.77851 (12052806)	17.07195 (12052806)	18.55489 (12052806)	20.28062 (12052806)
3747702.8	13.30335 (12052806)	14.25595 (12052806)	15.31931 (12052806)		

16.51821 (12052806)   17.88573 (12052806)
3747652.8 | 12.18423 (12052806)   12.99226 (12052806)   13.88414 (12052806)
14.87657 (12052806)   15.99123 (12052806)
3747602.8 | 11.22971 (12052806)   11.92467 (12052806)   12.68475 (12052806)
13.52164 (12052806)   14.45016 (12052806)
3747552.8 | 10.40487 (12052806)   11.00944 (12052806)   11.66567 (12052806)
12.38197 (12052806)   13.16885 (12052806)
3747502.8 | 9.68416 (12052806)   10.21513 (12052806)   10.78779 (12052806)
11.40839 (12052806)   12.08456 (12052806)
3747452.8 | 9.04840 (12052806)   9.51849 (12052806)   10.02273 (12052806)
10.56586 (12052806)   11.15356 (12052806)
3747402.8 | 8.48292 (12052806)   8.90196 (12052806)   9.34934 (12052806)
9.82870 (12052806)   10.34439 (12052806)
3747352.8 | 7.97627 (12052806)   8.35201 (12052806)   8.75153 (12052806)
9.17765 (12052806)   9.63376 (12052806)
3747302.8 | 7.51941 (12052806)   7.85805 (12052806)   8.21680 (12052806)
8.59792 (12052806)   9.00407 (12052806)
3747252.8 | 7.10510 (12052806)   7.41164 (12052806)   7.73534 (12052806)
8.07801 (12052806)   8.44176 (12052806)
3747202.8 | 6.72746 (12052806)   7.00601 (12052806)   7.29930 (12052806)
7.60879 (12052806)   7.93619 (12052806)
3747152.8 | 6.38165 (12052806)   6.63563 (12052806)   6.90233 (12052806)
7.18295 (12052806)   7.47888 (12052806)
3747102.8 | 6.06370 (12052806)   6.29595 (12052806)   6.53924 (12052806)
6.79455 (12052806)   7.06302 (12052806)
3747052.8 | 5.77026 (12052806)   5.98320 (12052806)   6.20574 (12052806)
6.43872 (12052806)   6.68304 (12052806)
3747002.8 | 5.49854 (12052806)   5.69421 (12052806)   5.89828 (12052806)
6.11141 (12052806)   6.33438 (12052806)
3746952.8 | 5.24616 (12052806)   5.42632 (12052806)   5.61384 (12052806)
5.80926 (12052806)   6.01323 (12052806)
3746902.8 | 5.01109 (12052806)   5.17727 (12052806)   5.34990 (12052806)
5.52943 (12052806)   5.71640 (12052806)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR
                          SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):   L0000001   , L0000002   ,
                              L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
              L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
              L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
              L0000027   , L0000028   , . . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

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

 Y-COORD | X-COORD (METERS)
 (METERS) | 407043.32   407093.32   407143.32
 407193.32   407243.32
- - - -

5.02745 (12052806) 5.18536 (12052806)
3746752.8 | 4.39351 (12052806) 4.52506 (12052806) 4.66096 (12052806)
4.80148 (12052806) 4.94691 (12052806)
3746702.8 | 4.21248 (12052806) 4.33446 (12052806) 4.46025 (12052806)
4.59008 (12052806) 4.72418 (12052806)
3746652.8 | 4.04209 (12052806) 4.15529 (12052806) 4.27184 (12052806)
4.39192 (12052806) 4.51570 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 51
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407293.32	407343.32	407393.32	407443.32	407493.32
3748852.8	7.73339 (12052806)	7.47200 (12052806)	7.22648 (12052806)	6.99496 (12052806)	6.77589 (12052806)
3748802.8	8.34337 (12052806)	8.03795 (12052806)	7.75331 (12052806)	7.48677 (12052806)	7.23616 (12052806)
3748752.8	9.02632 (12052806)	8.66893 (12052806)	8.33838 (12052806)	8.03098 (12052806)	7.74374 (12052806)
3748702.8	9.79572 (12052806)	9.37648 (12052806)	8.99162 (12052806)	8.63617 (12052806)	8.30612 (12052806)
3748652.8	10.66923 (12052806)	10.17550 (12052806)	9.72571 (12052806)	9.31318 (12052806)	8.93261 (12052806)
3748602.8	11.67049 (12052806)	11.08564 (12052806)	10.55711 (12052806)	10.07593 (12052806)	9.63504 (12052806)
3748552.8	12.83188 (12052806)	12.13332 (12052806)	11.50760 (12052806)	10.94256 (12052806)	10.42867 (12052806)
3748502.8	14.19887 (12052806)	13.35490 (12052806)	12.60664 (12052806)	11.93719 (12052806)	11.33347 (12052806)
3748452.8	15.83731 (12052806)	14.80175 (12052806)	13.89497 (12052806)	13.09263 (12052806)	12.37618 (12052806)
3748402.8	17.84618 (12052806)	16.54895 (12052806)	15.43074 (12052806)	14.45467 (12052806)	13.59342 (12052806)
3748352.8	20.38174 (12052806)	18.71100 (12052806)	17.30000 (12052806)	16.08939 (12052806)	15.03683 (12052806)
3748302.8	23.70748 (12052806)	21.47240 (12052806)	19.63626 (12052806)	18.09605 (12052806)	16.78189 (12052806)
3748252.8	28.30934 (12052806)	25.15312 (12052806)	22.65980 (12052806)	20.63169 (12052806)	18.94384 (12052806)
3748202.8	35.20742 (12052806)	30.36738 (12052806)	26.76478 (12052806)	23.96194 (12052806)	21.70880 (12052806)
3748152.8	47.02510 (12052806)	38.48305 (12052806)	32.74167 (12052806)		

28.57851 (12052806) 25.40020 (12052806)
3748102.8 | 54.22608 (12052806) 53.38621 (12052806) 42.47203 (12052806)
35.51690 (12052806) 30.63981 (12052806)
3748052.8 | 47.18031 (12052806) 42.27452 (12052806) 61.97461 (12052806)
47.44886 (12052806) 38.81439 (12052806)
3748002.8 | 44.44166 (12052806) 34.05469 (12052806) 45.58779 (12052806)
74.12127 (12052806) 53.87027 (12052806)
3747952.8 | 58.04124 (12052806) 42.55758 (13052506) 46.62213 (12052806)
51.94897 (12052806) 43.33353 (12052806)
3747902.8 | 40.73606 (12052806) 50.66512 (12052806) 68.12471 (12052806)
44.01875 (13052506) 47.88653 (12052806)
3747852.8 | 31.78185 (12052806) 37.22153 (12052806) 45.10803 (12052806)
57.89070 (12052806) 58.41027 (12052806)
3747802.8 | 26.19293 (12052806) 29.69627 (12052806) 34.31218 (12052806)
40.75351 (12052806) 50.54953 (12052806)
3747752.8 | 22.32515 (12052806) 24.80097 (12052806) 27.88237 (12052806)
31.85595 (12052806) 37.23187 (12052806)
3747702.8 | 19.46700 (12052806) 21.32529 (12052806) 23.55232 (12052806)
26.28662 (12052806) 29.74865 (12052806)
3747652.8 | 17.25669 (12052806) 18.71146 (12052806) 20.40868 (12052806)
22.42398 (12052806) 24.86907 (12052806)
3747602.8 | 15.48933 (12052806) 16.66402 (12052806) 18.00730 (12052806)
19.56421 (12052806) 21.39782 (12052806)
3747552.8 | 14.03949 (12052806) 15.01072 (12052806) 16.10426 (12052806)
17.34875 (12052806) 18.78273 (12052806)
3747502.8 | 12.82576 (12052806) 13.64380 (12052806) 14.55359 (12052806)
15.57428 (12052806) 16.73085 (12052806)
3747452.8 | 11.79281 (12052806) 12.49215 (12052806) 13.26218 (12052806)
14.11624 (12052806) 15.07127 (12052806)
3747402.8 | 10.90163 (12052806) 11.50679 (12052806) 12.16762 (12052806)
12.89370 (12052806) 13.69700 (12052806)
3747352.8 | 10.12387 (12052806) 10.65281 (12052806) 11.22638 (12052806)
11.85168 (12052806) 12.53739 (12052806)
3747302.8 | 9.43839 (12052806)   9.90459 (12052806) 10.40712 (12052806)
10.95134 (12052806) 11.54374 (12052806)
3747252.8 | 8.82908 (12052806)   9.24289 (12052806)   9.68665 (12052806)
10.16448 (12052806) 10.68134 (12052806)
3747202.8 | 8.28347 (12052806)   8.65297 (12052806)   9.04742 (12052806)
9.47005 (12052806)   9.92469 (12052806)
3747152.8 | 7.79172 (12052806)   8.12333 (12052806)   8.47591 (12052806)
8.85201 (12052806)   9.25466 (12052806)
3747102.8 | 7.34595 (12052806)   7.64485 (12052806)   7.96149 (12052806)
8.29793 (12052806)   8.65656 (12052806)
3747052.8 | 6.93980 (12052806)   7.21022 (12052806)   7.49573 (12052806)
7.79799 (12052806)   8.11894 (12052806)
3747002.8 | 6.56807 (12052806)   6.81349 (12052806)   7.07181 (12052806)
7.34438 (12052806)   7.63276 (12052806)
3746952.8 | 6.22646 (12052806)   6.44981 (12052806)   6.68420 (12052806)
6.93076 (12052806)   7.19073 (12052806)
3746902.8 | 5.91140 (12052806)   6.11512 (12052806)   6.32833 (12052806)
6.55194 (12052806)   6.78698 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,

L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407293.32	407343.32	407393.32	407443.32	407493.32
3746852.8	5.61987 (12052806)	5.80606 (12052806)	6.00041 (12052806)	6.20367 (12052806)	6.41665 (12052806)
3746802.8	5.34932 (12052806)	5.51978 (12052806)	5.69727 (12052806)	5.88237 (12052806)	6.07576 (12052806)
3746752.8	5.09759 (12052806)	5.25389 (12052806)	5.41622 (12052806)	5.58506 (12052806)	5.76095 (12052806)
3746702.8	4.86282 (12052806)	5.00631 (12052806)	5.15497 (12052806)	5.30920 (12052806)	5.46940 (12052806)
3746652.8	4.64341 (12052806)	4.77528 (12052806)	4.91159 (12052806)	5.05263 (12052806)	5.19873 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 53
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407543.32	407593.32	407643.32	407693.32	407743.32
3748852.8	6.56796 (12052806)	6.37005 (12052806)	6.18121 (12052806)	6.00062 (12052806)	5.82757 (12052806)
3748802.8	6.99965 (12052806)	6.77572 (12052806)	6.56310 (12052806)	6.36067 (12052806)	6.16749 (12052806)
3748752.8	7.47423 (12052806)	7.22040 (12052806)	6.98054 (12052806)	6.75322 (12052806)	6.53720 (12052806)
3748702.8	7.99822 (12052806)	7.70978 (12052806)	7.43858 (12052806)	7.18274 (12052806)	6.94065 (12052806)
3748652.8	8.57968 (12052806)	8.25090 (12052806)	7.94335 (12052806)	7.65460 (12052806)	7.38258 (12052806)
3748602.8	9.22877 (12052806)	8.85249 (12052806)	8.50242 (12052806)		

8.17540 (12052806) 7.86878 (12052806)
3748552.8 | 9.95838 (12052806) 9.52556 (12052806) 9.12524 (12052806)
8.75330 (12052806) 8.40631 (12052806)
3748502.8 | 10.78521 (12052806) 10.28418 (12052806) 9.82376 (12052806)
9.39852 (12052806) 9.00398 (12052806)
3748452.8 | 11.73130 (12052806) 11.14669 (12052806) 10.61338 (12052806)
10.12408 (12052806) 9.67288 (12052806)
3748402.8 | 12.82630 (12052806) 12.13740 (12052806) 11.51421 (12052806)
10.94680 (12052806) 10.42717 (12052806)
3748352.8 | 14.11125 (12052806) 13.28931 (12052806) 12.55315 (12052806)
11.88882 (12052806) 11.28526 (12052806)
3748302.8 | 15.64461 (12052806) 14.64853 (12052806) 13.76706 (12052806)
12.97998 (12052806) 12.27161 (12052806)
3748252.8 | 17.51305 (12052806) 16.28155 (12052806) 15.20790 (12052806)
14.26153 (12052806) 13.41937 (12052806)
3748202.8 | 19.85117 (12052806) 18.28836 (12052806) 16.95162 (12052806)
15.79228 (12052806) 14.77487 (12052806)
3748152.8 | 22.88126 (12052806) 20.82723 (12052806) 19.11425 (12052806)
17.65940 (12052806) 16.40496 (12052806)
3748102.8 | 27.00146 (12052806) 24.16607 (12052806) 21.88329 (12052806)
19.99840 (12052806) 18.41021 (12052806)
3748052.8 | 33.01110 (12052806) 28.80128 (12052806) 25.58492 (12052806)
23.03323 (12052806) 20.94993 (12052806)
3748002.8 | 42.81832 (12052806) 35.78056 (12052806) 30.84726 (12052806)
27.16562 (12052806) 24.29409 (12052806)
3747952.8 | 62.51669 (12052806) 47.81644 (12052806) 39.07520 (12052806)
33.20378 (12052806) 28.94381 (12052806)
3747902.8 | 66.14961 (12052806) 55.18698 (12052806) 54.27621 (12052806)
43.08325 (12052806) 35.95917 (12052806)
3747852.8 | 45.30360 (12052806) 47.89810 (12052806) 60.26060 (12052806)
63.05592 (12052806) 48.09360 (12052806)
3747802.8 | 67.84875 (12052806) 48.58926 (13052506) 46.18081 (12052806)
46.63907 (12052806) 54.27762 (12052806)
3747752.8 | 45.02380 (12052806) 57.61871 (12052806) 56.59737 (12052806)
48.18414 (13052506) 46.03972 (12052806)
3747702.8 | 34.31424 (12052806) 40.68613 (12052806) 50.36301 (12052806)
67.35520 (12052806) 62.94688 (12052806)
3747652.8 | 27.91686 (12052806) 31.85150 (12052806) 37.17886 (12052806)
44.90551 (12052806) 57.39017 (12052806)
3747602.8 | 23.59956 (12052806) 26.30760 (12052806) 29.74247 (12052806)
34.28166 (12052806) 40.63559 (12052806)
3747552.8 | 20.45941 (12052806) 22.45469 (12052806) 24.88103 (12052806)
27.91321 (12052806) 31.83961 (12052806)
3747502.8 | 18.05657 (12052806) 19.59684 (12052806) 21.41543 (12052806)
23.60495 (12052806) 26.30564 (12052806)
3747452.8 | 16.14925 (12052806) 17.37913 (12052806) 18.79996 (12052806)
20.46574 (12052806) 22.45344 (12052806)
3747402.8 | 14.59264 (12052806) 15.60005 (12052806) 16.74461 (12052806)
18.06015 (12052806) 19.59281 (12052806)
3747352.8 | 13.29431 (12052806) 14.13602 (12052806) 15.07983 (12052806)
16.14815 (12052806) 17.37060 (12052806)
3747302.8 | 12.19225 (12052806) 12.90668 (12052806) 13.69931 (12052806)
14.58569 (12052806) 15.58587 (12052806)
3747252.8 | 11.24319 (12052806) 11.85733 (12052806) 12.53274 (12052806)
13.28064 (12052806) 14.11519 (12052806)
3747202.8 | 10.41594 (12052806) 10.94935 (12052806) 11.53165 (12052806)
12.17118 (12052806) 12.87829 (12052806)
3747152.8 | 9.68744 (12052806) 10.15465 (12052806) 10.66147 (12052806)
11.21420 (12052806) 11.82062 (12052806)
3747102.8 | 9.04023 (12052806) 9.45231 (12052806) 9.89683 (12052806)
10.37866 (12052806) 10.90375 (12052806)
3747052.8 | 8.46085 (12052806) 8.82638 (12052806) 9.21872 (12052806)
9.64168 (12052806) 10.09984 (12052806)
3747002.8 | 7.93877 (12052806) 8.26454 (12052806) 8.61261 (12052806)
8.98596 (12052806) 9.38818 (12052806)
3746952.8 | 7.46560 (12052806) 7.75707 (12052806) 8.06716 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	407543.32	407593.32	407643.32	407693.32	407743.32
3746852.8	6.64032 (12052806)	6.87577 (12052806)	7.12427 (12052806)	7.38730 (12052806)	7.66658 (12052806)
3746802.8	6.27820 (12052806)	6.49056 (12052806)	6.71386 (12052806)	6.94924 (12052806)	7.19804 (12052806)
3746752.8	5.94450 (12052806)	6.13639 (12052806)	6.33743 (12052806)	6.54849 (12052806)	6.77061 (12052806)
3746702.8	5.63607 (12052806)	5.80974 (12052806)	5.99103 (12052806)	6.18061 (12052806)	6.37925 (12052806)
3746652.8	5.35026 (12052806)	5.50764 (12052806)	5.67134 (12052806)	5.84186 (12052806)	6.01978 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407793.32	407843.32	407893.32	407943.32	407993.32
3748852.8	5.66145 (12052806)	5.50170 (12052806)	5.34785 (12052806)	5.19947 (12052806)	5.05620 (12052806)
3748802.8	5.98275 (12052806)	5.80574 (12052806)	5.63583 (12052806)	5.47247 (12052806)	5.31519 (12052806)
3748752.8	6.33142 (12052806)	6.13495 (12052806)	5.94701 (12052806)	5.76689 (12052806)	5.59397 (12052806)
3748702.8	6.71095 (12052806)	6.49248 (12052806)	6.28420 (12052806)	6.08524 (12052806)	5.89482 (12052806)
3748652.8	7.12556 (12052806)	6.88204 (12052806)	6.65072 (12052806)	6.43050 (12052806)	6.22039 (12052806)
3748602.8	7.58032 (12052806)	7.30812 (12052806)	7.05054 (12052806)	6.80618 (12052806)	6.57381 (12052806)
3748552.8	8.08139 (12052806)	7.77612 (12052806)	7.48841 (12052806)	7.21649 (12052806)	6.95882 (12052806)
3748502.8	8.63641 (12052806)	8.29267 (12052806)	7.97012 (12052806)	7.66650 (12052806)	7.37987 (12052806)
3748452.8	9.25487 (12052806)	8.86597 (12052806)	8.50278 (12052806)	8.16240 (12052806)	7.84238 (12052806)
3748402.8	9.94878 (12052806)	9.50629 (12052806)	9.09521 (12052806)	8.71182 (12052806)	8.35298 (12052806)
3748352.8	10.73361 (12052806)	10.22667 (12052806)	9.75852 (12052806)	9.32427 (12052806)	8.91984 (12052806)
3748302.8	11.62957 (12052806)	11.04400 (12052806)	10.50691 (12052806)	10.01179 (12052806)	9.55324 (12052806)
3748252.8	12.66366 (12052806)	11.98049 (12052806)	11.35884 (12052806)	10.78982 (12052806)	10.26622 (12052806)
3748202.8	13.87288 (12052806)	13.06608 (12052806)	12.33879 (12052806)	11.67860 (12052806)	11.07562 (12052806)
3748152.8	15.30942 (12052806)	14.34215 (12052806)	13.48000 (12052806)	12.70516 (12052806)	12.00366 (12052806)
3748102.8	17.04962 (12052806)	15.86773 (12052806)	14.82890 (12052806)	13.90650 (12052806)	13.08022 (12052806)
3748052.8	19.21013 (12052806)	17.73034 (12052806)	16.45249 (12052806)	15.33485 (12052806)	14.34662 (12052806)
3748002.8	21.97961 (12052806)	20.06605 (12052806)	18.45155 (12052806)	17.06654 (12052806)	15.86178 (12052806)
3747952.8	25.68665 (12052806)	23.09993 (12052806)	20.98571 (12052806)	19.21814 (12052806)	17.71297 (12052806)
3747902.8	30.96499 (12052806)	27.23578 (12052806)	24.32534 (12052806)	21.97803 (12052806)	20.03579 (12052806)
3747852.8	39.23525 (12052806)	33.28643 (12052806)	28.97173 (12052806)	25.67371 (12052806)	23.05414 (12052806)
3747802.8	54.57059 (12052806)	43.19815 (12052806)	35.98346 (12052806)	30.93554 (12052806)	27.16923 (12052806)
3747752.8	61.33224 (12052806)	63.31970 (12052806)	48.10353 (12052806)	39.17265 (12052806)	33.18717 (12052806)
3747702.8	46.77388 (12052806)	44.88316 (12052806)	54.52422 (12052806)	54.42154 (12052806)	43.03479 (12052806)
3747652.8	56.98475 (12052806)	55.13096 (13052506)	46.37475 (12052806)	42.90077 (12052806)	62.97076 (12052806)
3747602.8	50.32638 (12052806)	67.30445 (12052806)	63.59991 (12052806)	50.73628 (13052506)	44.89765 (12052806)
3747552.8	37.17434 (12052806)	44.94081 (12052806)	57.53209 (12052806)	59.56793 (12052806)	48.41417 (12052806)
3747502.8	29.74101 (12052806)	34.29252 (12052806)	40.67565 (12052806)	50.42937 (12052806)	67.55220 (12052806)
3747452.8	24.87687 (12052806)	27.91241 (12052806)	31.85056 (12052806)	37.20995 (12052806)	45.02702 (12052806)
3747402.8	21.40730 (12052806)	23.59759 (12052806)	26.30614 (12052806)		

```
 29.76107 (12052806)     34.35500 (12052806)
 3747352.8 |     18.78716 (12052806)     20.45329 (12052806)     22.44859 (12052806)
 24.89217 (12052806)     27.97218 (12052806)
 3747302.8 |     16.72620 (12052806)     18.04207 (12052806)     19.58236 (12052806)
 21.41706 (12052806)     23.65070 (12052806)
 3747252.8 |     15.05464 (12052806)     16.12292 (12052806)     17.35221 (12052806)
 18.78704 (12052806)     20.49123 (12052806)
 3747202.8 |     13.66610 (12052806)     14.55152 (12052806)     15.55678 (12052806)
 16.71181 (12052806)     18.05804 (12052806)
 3747152.8 |     12.49044 (12052806)     13.23597 (12052806)     14.07310 (12052806)
 15.02273 (12052806)     16.11293 (12052806)
 3747102.8 |     11.47943 (12052806)     12.11485 (12052806)     12.82165 (12052806)
 13.61481 (12052806)     14.51395 (12052806)
 3747052.8 |     10.59882 (12052806)     11.14554 (12052806)     11.74865 (12052806)
 12.41909 (12052806)     13.17087 (12052806)
 3747002.8 |      9.82360 (12052806)     10.29749 (12052806)     10.81637 (12052806)
 11.38829 (12052806)     12.02342 (12052806)
 3746952.8 |      9.13506 (12052806)      9.54824 (12052806)      9.99749 (12052806)
 10.48884 (12052806)     11.02968 (12052806)
 3746902.8 |      8.51893 (12052806)      8.88083 (12052806)      9.27177 (12052806)
 9.69622 (12052806)     10.15959 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       20:27:07

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                               L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       407793.32              407843.32              407893.32
  407943.32              407993.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.8 |      7.96410 (12052806)      8.28224 (12052806)      8.62378 (12052806)
 8.99203 (12052806)      9.39092 (12052806)
 3746802.8 |      7.46179 (12052806)      7.74229 (12052806)      8.04161 (12052806)
 8.36219 (12052806)      8.70685 (12052806)
 3746752.8 |      7.00495 (12052806)      7.25285 (12052806)      7.51584 (12052806)
 7.79567 (12052806)      8.09437 (12052806)
 3746702.8 |      6.58784 (12052806)      6.80736 (12052806)      7.03890 (12052806)
 7.28372 (12052806)      7.54320 (12052806)
 3746652.8 |      6.20573 (12052806)      6.40043 (12052806)      6.60464 (12052806)
 6.81921 (12052806)      7.04508 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       20:27:07
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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): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408043.32	408093.32	408143.32	408193.32	408243.32
3748852.8	4.91770 (12052806)	4.78366 (12052806)	4.65384 (12052806)	4.52798 (12052806)	4.40587 (12052806)
3748802.8	5.16355 (12052806)	5.01717 (12052806)	4.87573 (12052806)	4.73892 (12052806)	4.60647 (12052806)
3748752.8	5.42772 (12052806)	5.26766 (12052806)	5.11337 (12052806)	4.96447 (12052806)	4.82063 (12052806)
3748702.8	5.71226 (12052806)	5.53697 (12052806)	5.36842 (12052806)	5.20613 (12052806)	5.04971 (12052806)
3748652.8	6.01955 (12052806)	5.82724 (12052806)	5.64280 (12052806)	5.46565 (12052806)	5.29528 (12052806)
3748602.8	6.35239 (12052806)	6.14097 (12052806)	5.93876 (12052806)	5.74503 (12052806)	5.55917 (12052806)
3748552.8	6.71408 (12052806)	6.48111 (12052806)	6.25893 (12052806)	6.04663 (12052806)	5.84347 (12052806)
3748502.8	7.10857 (12052806)	6.85117 (12052806)	6.60641 (12052806)	6.37323 (12052806)	6.15066 (12052806)
3748452.8	7.54062 (12052806)	7.25532 (12052806)	6.98492 (12052806)	6.72808 (12052806)	6.48363 (12052806)
3748402.8	8.01600 (12052806)	7.69862 (12052806)	7.39888 (12052806)	7.11510 (12052806)	6.84584 (12052806)
3748352.8	8.54179 (12052806)	8.18722 (12052806)	7.85366 (12052806)	7.53899 (12052806)	7.24140 (12052806)
3748302.8	9.12680 (12052806)	8.72871 (12052806)	8.35582 (12052806)	8.00544 (12052806)	7.67528 (12052806)
3748252.8	9.78210 (12052806)	9.33255 (12052806)	8.91349 (12052806)	8.52146 (12052806)	8.15356 (12052806)
3748202.8	10.52184 (12052806)	10.01071 (12052806)	9.53684 (12052806)	9.09575 (12052806)	8.68368 (12052806)
3748152.8	11.36443 (12052806)	10.77856 (12052806)	10.23881 (12052806)	9.73924 (12052806)	9.27496 (12052806)
3748102.8	12.33427 (12052806)	11.65621 (12052806)	11.03610 (12052806)	10.46593 (12052806)	9.93915 (12052806)
3748052.8	13.46449 (12052806)	12.67053 (12052806)	11.95072 (12052806)	11.29396 (12052806)	10.69135 (12052806)
3748002.8	14.80132 (12052806)	13.85831 (12052806)	13.01229 (12052806)	12.24743 (12052806)	11.55130 (12052806)
3747952.8	16.41147 (12052806)	15.27143 (12052806)	14.26174 (12052806)	13.35900 (12052806)	12.54533 (12052806)
3747902.8	18.39521 (12052806)	16.98570 (12052806)	15.75742 (12052806)	14.67425 (12052806)	13.70945 (12052806)
3747852.8	20.91126 (12052806)	19.11692 (12052806)	17.58580 (12052806)		

16.25892 (12052806) 15.09436 (12052806)
3747802.8 | 24.22825 (12052806) 21.85220 (12052806) 19.88123 (12052806)
18.21177 (12052806) 16.77398 (12052806)
3747752.8 | 28.84403 (12052806) 25.51696 (12052806) 22.86565 (12052806)
20.68900 (12052806) 18.86085 (12052806)
3747702.8 | 35.80936 (12052806) 30.73760 (12052806) 26.93679 (12052806)
23.95464 (12052806) 21.53595 (12052806)
3747652.8 | 47.84503 (12052806) 38.91337 (12052806) 32.89358 (12052806)
28.49696 (12052806) 25.11167 (12052806)
3747602.8 | 55.97681 (12052806) 54.04164 (12052806) 42.64379 (12052806)
35.34237 (12052806) 30.18187 (12052806)
3747552.8 | 49.02930 (12052806) 42.63466 (12052806) 62.30024 (12052806)
47.12861 (12052806) 38.04370 (12052806)
3747502.8 | 43.86190 (12052806) 50.00692 (12052806) 46.55830 (12052806)
73.34599 (12052806) 52.22966 (12052806)
3747452.8 | 57.75976 (12052806) 41.92366 (13052506) 45.76860 (12052806)
49.72842 (12052806) 58.84970 (12052806)
3747402.8 | 40.83431 (12052806) 50.85184 (12052806) 69.17013 (12052806)
44.16010 (12052806) 46.43496 (12052806)
3747352.8 | 32.00827 (12052806) 37.60172 (12052806) 46.05746 (12052806)
60.85091 (12052806) 60.26162 (12052806)
3747302.8 | 26.44843 (12052806) 30.08977 (12052806) 35.08833 (12052806)
42.48421 (12052806) 54.72468 (12052806)
3747252.8 | 22.56002 (12052806) 25.14224 (12052806) 28.48237 (12052806)
33.00702 (12052806) 39.53337 (12052806)
3747202.8 | 19.65451 (12052806) 21.58807 (12052806) 23.99097 (12052806)
27.07360 (12052806) 31.19358 (12052806)
3747152.8 | 17.38225 (12052806) 18.88488 (12052806) 20.69902 (12052806)
22.94161 (12052806) 25.79648 (12052806)
3747102.8 | 15.54521 (12052806) 16.74406 (12052806) 18.15968 (12052806)
19.86228 (12052806) 21.95599 (12052806)
3747052.8 | 14.02219 (12052806) 14.99705 (12052806) 16.12765 (12052806)
17.45823 (12052806) 19.05136 (12052806)
3747002.8 | 12.73463 (12052806) 13.53850 (12052806) 14.45665 (12052806)
15.51777 (12052806) 16.76076 (12052806)
3746952.8 | 11.62922 (12052806) 12.29903 (12052806) 13.05381 (12052806)
13.91244 (12052806) 14.89958 (12052806)
3746902.8 | 10.66848 (12052806) 11.23098 (12052806) 11.85712 (12052806)
12.55940 (12052806) 13.35356 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
408043.32 408093.32 408143.32 408193.32 408243.32

- - - -

6.52173 (12052806) 6.26827 (12052806)
3748252.8 | 7.80732 (12052806) 7.48064 (12052806) 7.17171 (12052806)
6.87896 (12052806) 6.60105 (12052806)
3748202.8 | 8.29749 (12052806) 7.93452 (12052806) 7.59248 (12052806)
7.26944 (12052806) 6.96371 (12052806)
3748152.8 | 8.84187 (12052806) 8.43657 (12052806) 8.05617 (12052806)
7.69821 (12052806) 7.36060 (12052806)
3748102.8 | 9.45040 (12052806) 8.99525 (12052806) 8.56996 (12052806)
8.17143 (12052806) 7.79699 (12052806)
3748052.8 | 10.13570 (12052806) 9.62113 (12052806) 9.14280 (12052806)
8.69666 (12052806) 8.27931 (12052806)
3748002.8 | 10.91405 (12052806) 10.32775 (12052806) 9.78595 (12052806)
9.28334 (12052806) 8.81550 (12052806)
3747952.8 | 11.80685 (12052806) 11.13259 (12052806) 10.51382 (12052806)
9.94341 (12052806) 9.41551 (12052806)
3747902.8 | 12.84281 (12052806) 12.05877 (12052806) 11.34513 (12052806)
10.69214 (12052806) 10.09189 (12052806)
3747852.8 | 14.06150 (12052806) 13.13745 (12052806) 12.30469 (12052806)
11.54947 (12052806) 10.86080 (12052806)
3747802.8 | 15.51906 (12052806) 14.41185 (12052806) 13.42615 (12052806)
12.54189 (12052806) 11.74333 (12052806)
3747752.8 | 17.29813 (12052806) 15.94364 (12052806) 14.75628 (12052806)
13.70543 (12052806) 12.76766 (12052806)
3747702.8 | 19.52590 (12052806) 17.82426 (12052806) 16.36224 (12052806)
15.09044 (12052806) 13.97222 (12052806)
3747652.8 | 22.40953 (12052806) 20.19564 (12052806) 18.34428 (12052806)
16.76964 (12052806) 15.41108 (12052806)
3747602.8 | 26.31226 (12052806) 23.29140 (12052806) 20.85941 (12052806)
18.85256 (12052806) 17.16300 (12052806)
3747552.8 | 31.93876 (12052806) 27.52771 (12052806) 24.17016 (12052806)
21.51325 (12052806) 19.34796 (12052806)
3747502.8 | 40.87830 (12052806) 33.73562 (12052806) 28.75662 (12052806)
25.04876 (12052806) 22.15953 (12052806)
3747452.8 | 57.75361 (12052806) 43.89776 (12052806) 35.61779 (12052806)
30.01765 (12052806) 25.93408 (12052806)
3747402.8 | 62.07725 (12052806) 64.43419 (12052806) 47.28517 (12052806)
37.62418 (12052806) 31.31739 (12052806)
3747352.8 | 45.54871 (12052806) 44.97629 (12052806) 52.44274 (12052806)
51.07885 (12052806) 39.74286 (12052806)
3747302.8 | 55.48702 (12052806) 48.31150 (13052506) 44.76517 (12052806)
57.24931 (12052806) 55.26587 (12052806)
3747252.8 | 49.88870 (12052806) 69.31735 (12052806) 65.01172 (12052806)
47.02601 (12052806) 41.75241 (12052806)
3747202.8 | 37.02371 (12052806) 46.03388 (12052806) 62.19507 (12052806)
42.51767 (12052806) 50.48161 (12052806)
3747152.8 | 29.57373 (12052806) 34.84753 (12052806) 42.81993 (12052806)
56.53607 (12052806) 43.76082 (13052506)
3747102.8 | 24.60320 (12052806) 28.07335 (12052806) 32.84955 (12052806)
39.89680 (12052806) 51.50089 (12052806)
3747052.8 | 20.99873 (12052806) 23.44052 (12052806) 26.60215 (12052806)
30.87039 (12052806) 36.96756 (12052806)
3747002.8 | 18.23973 (12052806) 20.03195 (12052806) 22.25124 (12052806)
25.07100 (12052806) 28.76479 (12052806)
3746952.8 | 16.04791 (12052806) 17.40144 (12052806) 19.02037 (12052806)
20.98818 (12052806) 23.42213 (12052806)
3746902.8 | 14.25953 (12052806) 15.30285 (12052806) 16.51628 (12052806)
17.94216 (12052806) 19.63565 (12052806)

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

Y-COORD (METERS)	X-COORD (METERS)				
	408293.32	408343.32	408393.32	408443.32	408493.32
3746852.8	12.77097 (12052806)	13.58740 (12052806)	14.51499 (12052806)	15.57585 (12052806)	16.79728 (12052806)
3746802.8	11.51279 (12052806)	12.15894 (12052806)	12.87833 (12052806)	13.68240 (12052806)	14.58459 (12052806)
3746752.8	10.43635 (12052806)	10.95213 (12052806)	11.51595 (12052806)	12.13335 (12052806)	12.81036 (12052806)
3746702.8	9.50639 (12052806)	9.92076 (12052806)	10.36607 (12052806)	10.84447 (12052806)	11.35787 (12052806)
3746652.8	8.69652 (12052806)	9.03106 (12052806)	9.38477 (12052806)	9.75786 (12052806)	10.14997 (12052806)

Y-COORD (METERS)	X-COORD (METERS)				
	408543.32	408593.32	408643.32	408693.32	408743.32
3748852.8	3.74271 (12052806)	3.64250 (12052806)	3.54496 (12052806)	3.45000 (12052806)	3.35754 (12052806)
3748802.8	3.89154 (12052806)	3.78412 (12052806)	3.67970 (12052806)	3.57818 (12052806)	3.47947 (12052806)
3748752.8	4.04909 (12052806)	3.93384 (12052806)	3.82196 (12052806)		

3.71334 (12052806) 3.60786 (12052806)
3748702.8 | 4.21613 (12052806) 4.09234 (12052806) 3.97237 (12052806)
3.85604 (12052806) 3.74323 (12052806)
3748652.8 | 4.39350 (12052806) 4.26041 (12052806) 4.13161 (12052806)
4.00691 (12052806) 3.88614 (12052806)
3748602.8 | 4.58218 (12052806) 4.43892 (12052806) 4.30048 (12052806)
4.16665 (12052806) 4.03722 (12052806)
3748552.8 | 4.78328 (12052806) 4.62885 (12052806) 4.47987 (12052806)
4.33606 (12052806) 4.19720 (12052806)
3748502.8 | 4.99806 (12052806) 4.83135 (12052806) 4.67079 (12052806)
4.51606 (12052806) 4.36687 (12052806)
3748452.8 | 5.22796 (12052806) 5.04769 (12052806) 4.87438 (12052806)
4.70765 (12052806) 4.54716 (12052806)
3748402.8 | 5.47467 (12052806) 5.27939 (12052806) 5.09199 (12052806)
4.91203 (12052806) 4.73910 (12052806)
3748352.8 | 5.74014 (12052806) 5.52814 (12052806) 5.32512 (12052806)
5.13053 (12052806) 4.94389 (12052806)
3748302.8 | 6.02663 (12052806) 5.79597 (12052806) 5.57555 (12052806)
5.36472 (12052806) 5.16289 (12052806)
3748252.8 | 6.33681 (12052806) 6.08521 (12052806) 5.84533 (12052806)
5.61639 (12052806) 5.39768 (12052806)
3748202.8 | 6.67386 (12052806) 6.39861 (12052806) 6.13687 (12052806)
5.88765 (12052806) 5.65011 (12052806)
3748152.8 | 7.04154 (12052806) 6.73946 (12052806) 6.45299 (12052806)
6.18096 (12052806) 5.92230 (12052806)
3748102.8 | 7.44438 (12052806) 7.11164 (12052806) 6.79708 (12052806)
6.49923 (12052806) 6.21678 (12052806)
3748052.8 | 7.88786 (12052806) 7.51986 (12052806) 7.17316 (12052806)
6.84592 (12052806) 6.53653 (12052806)
3748002.8 | 8.37872 (12052806) 7.96981 (12052806) 7.58608 (12052806)
7.22518 (12052806) 6.88509 (12052806)
3747952.8 | 8.92524 (12052806) 8.46849 (12052806) 8.04174 (12052806)
7.64202 (12052806) 7.26674 (12052806)
3747902.8 | 9.53785 (12052806) 9.02455 (12052806) 8.54742 (12052806)
8.10255 (12052806) 7.68663 (12052806)
3747852.8 | 10.22973 (12052806) 9.64888 (12052806) 9.11213 (12052806)
8.61432 (12052806) 8.15111 (12052806)
3747802.8 | 11.01788 (12052806) 10.35531 (12052806) 9.74725 (12052806)
9.18675 (12052806) 8.66804 (12052806)
3747752.8 | 11.92462 (12052806) 11.16175 (12052806) 10.46731 (12052806)
9.83176 (12052806) 9.24727 (12052806)
3747702.8 | 12.97982 (12052806) 12.09176 (12052806) 11.29119 (12052806)
10.56467 (12052806) 9.90137 (12052806)
3747652.8 | 14.22453 (12052806) 13.17716 (12052806) 12.24397 (12052806)
11.40555 (12052806) 10.64665 (12052806)
3747602.8 | 15.71690 (12052806) 14.46191 (12052806) 13.35965 (12052806)
12.38128 (12052806) 11.50466 (12052806)
3747552.8 | 17.54246 (12052806) 16.00885 (12052806) 14.68575 (12052806)
13.52868 (12052806) 12.50461 (12052806)
3747502.8 | 19.83295 (12052806) 17.91130 (12052806) 16.29081 (12052806)
14.89981 (12052806) 13.68711 (12052806)
3747452.8 | 22.80362 (12052806) 20.31458 (12052806) 18.27787 (12052806)
16.57093 (12052806) 15.11057 (12052806)
3747402.8 | 26.83407 (12052806) 23.45939 (12052806) 20.80993 (12052806)
18.65885 (12052806) 16.86250 (12052806)
3747352.8 | 32.66917 (12052806) 27.77857 (12052806) 24.16273 (12052806)
21.35320 (12052806) 19.08093 (12052806)
3747302.8 | 42.02677 (12052806) 34.14711 (12052806) 28.84716 (12052806)
24.98639 (12052806) 21.99870 (12052806)
3747252.8 | 60.13398 (12052806) 44.67918 (12052806) 35.94265 (12052806)
30.20780 (12052806) 26.04609 (12052806)
3747202.8 | 43.75968 (12052806) 66.23165 (12052806) 48.26171 (12052806)
38.51177 (12052806) 32.12783 (12052806)
3747152.8 | 45.08952 (12052806) 66.56310 (12052806) 55.10923 (12052806)
54.42479 (12052806) 42.55341 (12052806)
3747102.8 | 52.56841 (12052806) 43.65684 (13052506) 45.20521 (12052806)

59.96877 (12052806) 65.62619 (12052806)
3747052.8 | 46.38811 (12052806) 62.81792 (12052806) 45.19252 (13052506)
42.96712 (12052806) 43.47648 (12052806)
3747002.8 | 33.77907 (12052806) 40.88148 (12052806) 51.65119 (12052806)
50.20729 (12052806) 44.82519 (13052506)
3746952.8 | 26.49006 (12052806) 30.44735 (12052806) 35.74538 (12052806)
43.33367 (12052806) 55.50980 (12052806)
3746902.8 | 21.67049 (12052806) 24.15263 (12052806) 27.25300 (12052806)
31.27707 (12052806) 36.80792 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408543.32	408593.32	408643.32	408693.32	408743.32
3746852.8	18.21420 (12052806)	19.87456 (12052806)	21.85024 (12052806)	24.25621 (12052806)	27.28260 (12052806)
3746802.8	15.60130 (12052806)	16.75379 (12052806)	18.07156 (12052806)	19.59700 (12052806)	21.39112 (12052806)
3746752.8	13.55371 (12052806)	14.37130 (12052806)	15.27269 (12052806)	16.26934 (12052806)	17.37344 (12052806)
3746702.8	11.90783 (12052806)	12.49541 (12052806)	13.12070 (12052806)	13.78191 (12052806)	14.47298 (12052806)
3746652.8	10.55994 (12052806)	10.98549 (12052806)	11.42259 (12052806)	11.86440 (12052806)	12.29939 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 63
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,

L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408793.32	408843.32	408893.32	408943.32	408993.32
3748852.8	3.26752 (12052806)	3.17987 (12052806)	3.09453 (12052806)	3.01145 (12052806)	2.93058 (12052806)
3748802.8	3.38347 (12052806)	3.29011 (12052806)	3.19933 (12052806)	3.11104 (12052806)	3.02520 (12052806)
3748752.8	3.50541 (12052806)	3.40590 (12052806)	3.30925 (12052806)	3.21537 (12052806)	3.12418 (12052806)
3748702.8	3.63380 (12052806)	3.52765 (12052806)	3.42467 (12052806)	3.32476 (12052806)	3.22783 (12052806)
3748652.8	3.76915 (12052806)	3.65581 (12052806)	3.54599 (12052806)	3.43957 (12052806)	3.33646 (12052806)
3748602.8	3.91202 (12052806)	3.79089 (12052806)	3.67367 (12052806)	3.56023 (12052806)	3.45044 (12052806)
3748552.8	4.06306 (12052806)	3.93346 (12052806)	3.80821 (12052806)	3.68716 (12052806)	3.57016 (12052806)
3748502.8	4.22299 (12052806)	4.08416 (12052806)	3.95019 (12052806)	3.82088 (12052806)	3.69606 (12052806)
3748452.8	4.39261 (12052806)	4.24371 (12052806)	4.10023 (12052806)	3.96194 (12052806)	3.82864 (12052806)
3748402.8	4.57284 (12052806)	4.41293 (12052806)	4.25907 (12052806)	4.11098 (12052806)	3.96845 (12052806)
3748352.8	4.76475 (12052806)	4.59274 (12052806)	4.42750 (12052806)	4.26872 (12052806)	4.11611 (12052806)
3748302.8	4.96954 (12052806)	4.78420 (12052806)	4.60646 (12052806)	4.43595 (12052806)	4.27232 (12052806)
3748252.8	5.18858 (12052806)	4.98852 (12052806)	4.79701 (12052806)	4.61360 (12052806)	4.43789 (12052806)
3748202.8	5.42348 (12052806)	5.20709 (12052806)	5.00035 (12052806)	4.80272 (12052806)	4.61372 (12052806)
3748152.8	5.67610 (12052806)	5.44153 (12052806)	5.21788 (12052806)	5.00451 (12052806)	4.80084 (12052806)
3748102.8	5.94861 (12052806)	5.69372 (12052806)	5.45124 (12052806)	5.22038 (12052806)	5.00046 (12052806)
3748052.8	6.24359 (12052806)	5.96587 (12052806)	5.70230 (12052806)	5.45194 (12052806)	5.21395 (12052806)
3748002.8	6.56407 (12052806)	6.26059 (12052806)	5.97331 (12052806)	5.70110 (12052806)	5.44293 (12052806)
3747952.8	6.91369 (12052806)	6.58096 (12052806)	6.26690 (12052806)	5.97009 (12052806)	5.68930 (12052806)
3747902.8	7.29683 (12052806)	6.93072 (12052806)	6.58623 (12052806)	6.26160 (12052806)	5.95529 (12052806)
3747852.8	7.71884 (12052806)	7.31438 (12052806)	6.93511 (12052806)	6.57881 (12052806)	6.24359 (12052806)
3747802.8	8.18629 (12052806)	7.73746 (12052806)	7.31818 (12052806)	6.92562 (12052806)	6.55744 (12052806)
3747752.8	8.70739 (12052806)	8.20682 (12052806)	7.74116 (12052806)	7.30681 (12052806)	6.90079 (12052806)
3747702.8	9.29255 (12052806)	8.73109 (12052806)	8.21124 (12052806)	7.72830 (12052806)	7.27851 (12052806)
3747652.8	9.95512 (12052806)	9.32131 (12052806)	8.73751 (12052806)	8.19761 (12052806)	7.69674 (12052806)
3747602.8	10.71264 (12052806)	9.99182 (12052806)	9.33178 (12052806)	8.72437 (12052806)	8.16328 (12052806)
3747552.8	11.58861 (12052806)	10.76173 (12052806)	10.00957 (12052806)		

9.32117 (12052806) 8.68825 (12052806)
3747502.8 | 12.61535 (12052806) 11.65705 (12052806) 10.79189 (12052806)
10.00490 (12052806) 9.28505 (12052806)
3747452.8 | 13.83871 (12052806) 12.71422 (12052806) 11.70783 (12052806)
10.79866 (12052806) 9.97179 (12052806)
3747402.8 | 15.32619 (12052806) 13.98616 (12052806) 12.79902 (12052806)
11.73501 (12052806) 10.77361 (12052806)
3747352.8 | 17.18187 (12052806) 15.55276 (12052806) 14.12714 (12052806)
12.86138 (12052806) 11.72645 (12052806)
3747302.8 | 19.57584 (12052806) 17.54092 (12052806) 15.78763 (12052806)
14.24940 (12052806) 12.88337 (12052806)
3747252.8 | 22.80768 (12052806) 20.16483 (12052806) 17.93594 (12052806)
16.01234 (12052806) 14.32611 (12052806)
3747202.8 | 27.46035 (12052806) 23.81571 (12052806) 20.84224 (12052806)
18.33971 (12052806) 16.18716 (12052806)
3747152.8 | 34.84028 (12052806) 29.28987 (12052806) 25.01903 (12052806)
21.57313 (12052806) 18.69639 (12052806)
3747102.8 | 48.62010 (12052806) 38.50263 (12052806) 31.57191 (12052806)
26.39714 (12052806) 22.29170 (12052806)
3747052.8 | 54.86310 (12052806) 57.68722 (12052806) 43.44058 (12052806)
34.42074 (12052806) 27.92907 (12052806)
3747002.8 | 41.94209 (12052806) 41.50812 (15122816) 49.46633 (12052806)
50.60826 (12052806) 38.19680 (12052806)
3746952.8 | 52.33613 (12052806) 41.41037 (13052506) 39.93053 (15122816)
39.09432 (16050618) 43.36764 (12052806)
3746902.8 | 45.06021 (12052806) 59.07206 (12052806) 52.49933 (12052806)
36.92127 (12052806) 39.47946 (15122816)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408793.32	408843.32	408893.32	408943.32	408993.32
3746852.8	31.25350 (12052806)	36.74641 (12052806)	44.82864 (12052806)	58.80527 (13041207)	46.55747 (12052806)
3746802.8	23.53914 (12052806)	26.15322 (12052806)	29.36625 (12052806)	33.33104 (12052806)	41.43280 (13041207)
3746752.8	18.59375 (12052806)	19.92499 (12052806)	21.32514 (12052806)	22.66591 (12052806)	26.07305 (13041207)
3746702.8	15.17911 (12052806)	15.86845 (12052806)	16.47775 (12052806)	16.88904 (12052806)	18.86875 (13041207)
3746652.8	12.70841 (12052806)	13.06017 (12052806)	13.30548 (12052806)		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.8	2.85187 (12052806)	2.77528 (12052806)	2.70075 (12052806)	2.62827 (12052806)	2.55777 (12052806)
3748802.8	2.94174 (12052806)	2.86061 (12052806)	2.78176 (12052806)	2.70514 (12052806)	2.63070 (12052806)
3748752.8	3.03563 (12052806)	2.94964 (12052806)	2.86616 (12052806)	2.78513 (12052806)	2.70648 (12052806)
3748702.8	3.13381 (12052806)	3.04261 (12052806)	2.95417 (12052806)	2.86841 (12052806)	2.78527 (12052806)
3748652.8	3.23656 (12052806)	3.13976 (12052806)	3.04600 (12052806)	2.95518 (12052806)	2.86724 (12052806)
3748602.8	3.34419 (12052806)	3.24138 (12052806)	3.14190 (12052806)	3.04565 (12052806)	2.95256 (12052806)
3748552.8	3.45707 (12052806)	3.34776 (12052806)	3.24213 (12052806)	3.14006 (12052806)	3.04145 (12052806)
3748502.8	3.57557 (12052806)	3.45926 (12052806)	3.34700 (12052806)	3.23866 (12052806)	3.13411 (12052806)
3748452.8	3.70013 (12052806)	3.57624 (12052806)	3.45682 (12052806)	3.34172 (12052806)	3.23079 (12052806)
3748402.8	3.83123 (12052806)	3.69913 (12052806)	3.57197 (12052806)	3.44956 (12052806)	3.33175 (12052806)
3748352.8	3.96941 (12052806)	3.82839 (12052806)	3.69282 (12052806)	3.56252 (12052806)	3.43728 (12052806)
3748302.8	4.11528 (12052806)	3.96454 (12052806)	3.81985 (12052806)	3.68097 (12052806)	3.54769 (12052806)
3748252.8	4.26953 (12052806)	4.10817 (12052806)	3.95354 (12052806)	3.80534 (12052806)	3.66333 (12052806)
3748202.8	4.43293 (12052806)	4.25995 (12052806)	4.09445 (12052806)	3.93610 (12052806)	3.78460 (12052806)
3748152.8	4.60637 (12052806)	4.42064 (12052806)	4.24323 (12052806)	4.07378 (12052806)	3.91194 (12052806)
3748102.8	4.79087 (12052806)	4.59108 (12052806)	4.40059 (12052806)	4.21897 (12052806)	4.04582 (12052806)
3748052.8	4.98761 (12052806)	4.77227 (12052806)	4.56736 (12052806)	4.37235 (12052806)	4.18680 (12052806)
3748002.8	5.19794 (12052806)	4.96534 (12052806)	4.74446 (12052806)		

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 4.53470 (12052806)      4.33549 (12052806)
3747952.8 |      5.42345 (12052806)      5.17162 (12052806)      4.93300 (12052806)
 4.70688 (12052806)      4.49259 (12052806)
3747902.8 |      5.66602 (12052806)      5.39266 (12052806)      5.13424 (12052806)
 4.88991 (12052806)      4.65891 (12052806)
3747852.8 |      5.92787 (12052806)      5.63027 (12052806)      5.34964 (12052806)
 5.08497 (12052806)      4.83535 (12052806)
3747802.8 |      6.21167 (12052806)      5.88664 (12052806)      5.58096 (12052806)
 5.29342 (12052806)      5.02297 (12052806)
3747752.8 |      6.52065 (12052806)      6.16438 (12052806)      5.83027 (12052806)
 5.51689 (12052806)      5.22297 (12052806)
3747702.8 |      6.85880 (12052806)      6.46667 (12052806)      6.10007 (12052806)
 5.75728 (12052806)      5.43679 (12052806)
3747652.8 |      7.23104 (12052806)      6.79743 (12052806)      6.39340 (12052806)
 6.01687 (12052806)      5.66608 (12052806)
3747602.8 |      7.64362 (12052806)      7.16153 (12052806)      6.71397 (12052806)
 6.29844 (12052806)      5.91280 (12052806)
3747552.8 |      8.10452 (12052806)      7.56517 (12052806)      7.06644 (12052806)
 6.60533 (12052806)      6.17926 (12052806)
3747502.8 |      8.62420 (12052806)      8.01627 (12052806)      7.45665 (12052806)
 6.94166 (12052806)      6.46820 (12052806)
3747452.8 |      9.21656 (12052806)      8.52524 (12052806)      7.89208 (12052806)
 7.31256 (12052806)      6.78289 (12052806)
3747402.8 |      9.90059 (12052806)      9.10594 (12052806)      8.38241 (12052806)
 7.72440 (12052806)      7.12718 (12052806)
3747352.8 |     10.70283 (12052806)      9.77728 (12052806)      8.94046 (12052806)
 8.18527 (12052806)      7.50564 (12052806)
3747302.8 |     11.66160 (12052806)     10.56577 (12052806)      9.58347 (12052806)
 8.70542 (12052806)      7.92355 (12052806)
3747252.8 |     12.83425 (12052806)     11.50975 (12052806)     10.33520 (12052806)
 9.29798 (12052806)      8.38685 (12052806)
3747202.8 |     14.31084 (12052806)     12.66692 (12052806)     11.22928 (12052806)
 9.97980 (12052806)      8.90171 (12052806)
3747152.8 |     16.24180 (12052806)     14.12887 (12052806)     12.31493 (12052806)
10.77220 (12052806)      9.47336 (12052806)
3747102.8 |     18.90067 (12052806)     16.05140 (12052806)     13.66687 (12052806)
11.70094 (12052806)     10.10305 (12052806)
3747052.8 |     22.84824 (12052806)     18.72580 (12052806)     15.40295 (12052806)
12.79231 (12052806)     10.78074 (12052806)
3747002.8 |     29.45815 (12052806)     22.77409 (12052806)     17.78559 (12020617)
14.05434 (12052806)     11.46864 (12052806)
3746952.8 |     43.23705 (12052806)     30.97596 (12020617)     20.87193 (12052806)
16.03127 (13090518)     13.60817 (13090518)
3746902.8 |     37.77484 (16050618)     38.62110 (16112016)     32.51011 (16112016)
22.68808 (16112016)     17.36604 (13090518)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:27:07

                     PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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Y-COORD (METERS)	X-COORD (METERS)			
	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.8	34.87444 (15122816)	38.75151 (15122816)	38.67590 (13090518)	25.18716 (13090518)	18.72587 (13090518)
3746802.8	55.23984 (13041207)	42.79496 (15122816)	35.46721 (15122816)	26.15079 (15122816)	19.34878 (15122816)
3746752.8	30.59924 (13041207)	27.60346 (13041207)	21.84225 (15122816)	21.71418 (15122816)	19.18533 (15122816)
3746702.8	21.05902 (13041207)	20.08162 (13041207)	16.18260 (16020617)	15.11974 (14030117)	15.12894 (15122816)
3746652.8	15.95098 (13041207)	15.61856 (13041207)	13.13223 (16020617)	11.58715 (16020617)	11.63339 (14030117)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	406293.32	406343.32	406393.32	406443.32	406493.32
3748852.8	8.19475c(14012008)	9.52282c(14012008)	11.11182c(14012008)	12.71466c(14012008)	13.77630c(14012008)
3748802.8	9.23072c(14012008)	11.25139c(14012008)	14.17990c(14012008)	17.88625c(14012008)	20.19669c(14012008)
3748752.8	10.24662c(14012008)	13.16858c(14012008)	18.70550c(14012008)	31.35243c(14012008)	20.60556c(14012008)
3748702.8	11.01378c(14012008)	14.61231c(14012008)	22.57026c(14012008)	21.80803c(14012008)	18.11318c(14012008)
3748652.8	11.35056c(14012008)	14.94535c(14012008)	21.98615c(14012008)	39.05079c(14012008)	26.32284c(14012008)
3748602.8	11.27642c(14012008)	14.41277c(14012008)	19.61563c(14012008)	28.85107c(14012008)	46.66687c(14012008)
3748552.8	10.93822c(14012008)	13.54483c(14012008)	17.40703c(14012008)	23.32221c(14012008)	32.87251c(14012008)
3748502.8	10.47136c(14012008)	12.62254c(14012008)	15.58421c(14012008)	19.75077c(14012008)	25.83118c(14012008)
3748452.8	9.95846c(14012008)	11.74614c(14012008)	14.08658c(14012008)		

17.20038c(14012008) 21.45542c(14012008)
3748402.8 | 9.44232c(14012008) 10.94336c(14012008) 12.83780c(14012008)
15.25908c(14012008) 18.41684c(14012008)
3748352.8 | 8.94335c(14012008) 10.21674c(14012008) 11.77916c(14012008)
13.71550c(14012008) 16.15258c(14012008)
3748302.8 | 8.47052c(14012008) 9.56086c(14012008) 10.86863c(14012008)
12.44958c(14012008) 14.38319c(14012008)
3748252.8 | 8.02714c(14012008) 8.96844c(14012008) 10.07629c(14012008)
11.38801c(14012008) 12.95447c(14012008)
3748202.8 | 7.61372c(14012008) 8.43233c(14012008) 9.38038c(14012008)
10.48321c(14012008) 11.77385c(14012008)
3748152.8 | 7.22943c(14012008) 7.94608c(14012008) 8.76464c(14012008)
9.70248c(14012008) 10.78139c(14012008)
3748102.8 | 6.87273c(14012008) 7.50401c(14012008) 8.21645c(14012008)
9.02214c(14012008) 9.93570c(14012008)
3748052.8 | 6.54181c(14012008) 7.10110c(14012008) 7.72577c(14012008)
8.42433c(14012008) 9.20680c(14012008)
3748002.8 | 6.23474c(14012008) 6.73295c(14012008) 7.28438c(14012008)
7.89515c(14012008) 8.57228c(14012008)
3747952.8 | 5.94959c(14012008) 6.39565c(14012008) 6.88549c(14012008)
7.42359c(14012008) 8.01497c(14012008)
3747902.8 | 5.68450c(14012008) 6.08578c(14012008) 6.52344c(14012008)
7.00079c(14012008) 7.52155c(14012008)
3747852.8 | 5.43772c(14012008) 5.80033c(14012008) 6.19344c(14012008)
6.61956c(14012008) 7.08149c(14012008)
3747802.8 | 5.20763c(14012008) 5.53664c(14012008) 5.89145c(14012008)
6.27401c(14012008) 6.68644c(14012008)
3747752.8 | 4.99272c(14012008) 5.29240c(14012008) 5.61408c(14012008)
5.95928c(14012008) 6.32966c(14012008)
3747702.8 | 4.79165c(14012008) 5.06557c(14012008) 5.35839c(14012008)
5.67133c(14012008) 6.00568c(14012008)
3747652.8 | 4.60317c(14012008) 4.85437c(14012008) 5.12192c(14012008)
5.40679c(14012008) 5.71002c(14012008)
3747602.8 | 4.42619c(14012008) 4.65724c(14012008) 4.90252c(14012008)
5.16282c(14012008) 5.43899c(14012008)
3747552.8 | 4.25970c(14012008) 4.47282c(14012008) 4.69838c(14012008)
4.93704c(14012008) 5.18950c(14012008)
3747502.8 | 4.10282c(14012008) 4.29989c(14012008) 4.50790c(14012008)
4.72741c(14012008) 4.95898c(14012008)
3747452.8 | 3.95475c(14012008) 4.13740c(14012008) 4.32972c(14012008)
4.53218c(14012008) 4.74524c(14012008)
3747402.8 | 3.81475c(14012008) 3.98441c(14012008) 4.16265c(14012008)
4.34985c(14012008) 4.54642c(14012008)
3747352.8 | 3.68220c(14012008) 3.84010c(14012008) 4.00564c(14012008)
4.17914c(14012008) 4.36096c(14012008)
3747302.8 | 3.55651c(14012008) 3.70373c(14012008) 3.85777c(14012008)
4.01893c(14012008) 4.18747c(14012008)
3747252.8 | 3.43716c(14012008) 3.57464c(14012008) 3.71826c(14012008)
3.86822c(14012008) 4.02480c(14012008)
3747202.8 | 3.32367c(14012008) 3.45227c(14012008) 3.58638c(14012008)
3.72618c(14012008) 3.87191c(14012008)
3747152.8 | 3.21564c(14012008) 3.33609c(14012008) 3.46151c(14012008)
3.59205c(14012008) 3.72791c(14012008)
3747102.8 | 3.11266c(14012008) 3.22564c(14012008) 3.34309c(14012008)
3.46517c(14012008) 3.59202c(14012008)
3747052.8 | 3.01441c(14012008) 3.12050c(14012008) 3.23063c(14012008)
3.34494c(14012008) 3.46356c(14012008)
3747002.8 | 2.92056c(14012008) 3.02029c(14012008) 3.12368c(14012008)
3.23085c(14012008) 3.34191c(14012008)
3746952.8 | 2.83084c(14012008) 2.92468c(14012008) 3.02184c(14012008)
3.12243c(14012008) 3.22654c(14012008)
3746902.8 | 2.74497c(14012008) 2.83335c(14012008) 2.92476c(14012008)
3.01927c(14012008) 3.11697c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406293.32	406343.32	406393.32	406443.32	406493.32
3746852.8	2.66272c(14012008)	2.74604c(14012008)	2.83210c(14012008)	2.92099c(14012008)	3.01276c(14012008)
3746802.8	2.58388c(14012008)	2.66249c(14012008)	2.74359c(14012008)	2.82726c(14012008)	2.91354c(14012008)
3746752.8	2.50825c(14012008)	2.58246c(14012008)	2.65895c(14012008)	2.73777c(14012008)	2.81896c(14012008)
3746702.8	2.43563c(14012008)	2.50576c(14012008)	2.57795c(14012008)	2.65225c(14012008)	2.72871c(14012008)
3746652.8	2.36588c(14012008)	2.43217c(14012008)	2.50035c(14012008)	2.57045c(14012008)	2.64251c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406543.32	406593.32	406643.32	406693.32	406743.32

3748852.8 | 13.95984c(14012008)   13.51405c(14012008)   12.80800c(14012008)
12.05112c(14012008)   11.33012c(14012008)
3748802.8 | 19.56004c(14012008)   17.82514c(14012008)   16.10460c(14012008)
14.62772c(14012008)   13.39793c(14012008)
3748752.8 | 31.57960c(12020624)   25.14255c(12020624)   21.00228c(14012008)
18.16006c(14012008)   16.08529c(14012008)
3748702.8 | 36.82941c(14012008)   38.31938c(14012008)   28.54431c(14012008)
23.11315c(14012008)   19.63414c(14012008)
3748652.8 | 29.39861c(14012008)   42.47230c(14012008)   41.20198c(14012008)
30.40344c(14012008)   24.47007c(14012008)
3748602.8 | 32.68742c(14012008)   34.82175c(14012008)   31.01730c(14012008)
42.39475c(14012008)   31.48692c(14012008)
3748552.8 | 50.85471c(14012008)   33.41062c(14012008)   40.76573c(14012008)
47.77797c(14012008)   42.97281c(14012008)
3748502.8 | 35.47386c(14012008)   53.99893c(14012008)   35.43112c(14012008)
37.61701c(14012008)   46.09697c(14012008)
3748452.8 | 27.58132c(14012008)   37.33400c(14012008)   56.28210c(14012008)
39.52603c(14012008)   37.53314c(14012008)
3748402.8 | 22.68437c(14012008)   28.82274c(14012008)   38.67572c(14012008)
58.08713c(14012008)   38.56196c(14012008)
3748352.8 | 19.29864c(14012008)   23.53150c(14012008)   29.62127c(14012008)
39.42441c(14012008)   42.61040c(14012008)
3748302.8 | 16.79123c(14012008)   19.87416c(14012008)   23.98748c(14012008)
29.81680c(14012008)   38.80022c(14012008)
3748252.8 | 14.84873c(14012008)   17.18096c(14012008)   20.12427c(14012008)
23.95986c(14012008)   29.16008c(14012008)
3748202.8 | 13.29703c(14012008)   15.11525c(14012008)   17.31781c(14012008)
20.03458c(14012008)   23.46082c(14012008)
3748152.8 | 12.02938c(14012008)   13.48328c(14012008)   15.19225c(14012008)
17.22314c(14012008)   19.67032c(14012008)
3748102.8 | 10.97515c(14012008)   12.16315c(14012008)   13.52855c(14012008)
15.10907c(14012008)   16.95588c(14012008)
3748052.8 | 10.08516c(14012008)   11.07393c(14012008)   12.19111c(14012008)
13.45960c(14012008)   14.90971c(14012008)
3748002.8 | 9.32397c(14012008)   10.15993c(14012008)   11.09198c(14012008)
12.13488c(14012008)   13.30782c(14012008)
3747952.8 | 8.66543c(14012008)   9.38171c(14012008)   10.17191c(14012008)
11.04601c(14012008)   12.01680c(14012008)
3747902.8 | 8.08990c(14012008)   8.71068c(14012008)   9.38966c(14012008)
10.13384c(14012008)   10.95211c(14012008)
3747852.8 | 7.58234c(14012008)   8.12567c(14012008)   8.71571c(14012008)
9.35755c(14012008)   10.05753c(14012008)
3747802.8 | 7.13110c(14012008)   7.61071c(14012008)   8.12841c(14012008)
8.68802c(14012008)   9.29419c(14012008)
3747752.8 | 6.72705c(14012008)   7.15354c(14012008)   7.61154c(14012008)
8.10396c(14012008)   8.63430c(14012008)
3747702.8 | 6.36289c(14012008)   6.74460c(14012008)   7.15271c(14012008)
7.58944c(14012008)   8.05750c(14012008)
3747652.8 | 6.03278c(14012008)   6.37637c(14012008)   6.74228c(14012008)
7.13228c(14012008)   7.54847c(14012008)
3747602.8 | 5.73196c(14012008)   6.04278c(14012008)   6.37267c(14012008)
6.72302c(14012008)   7.09550c(14012008)
3747552.8 | 5.45652c(14012008)   5.73897c(14012008)   6.03782c(14012008)
6.35420c(14012008)   6.68945c(14012008)
3747502.8 | 5.20325c(14012008)   5.46093c(14012008)   5.73282c(14012008)
6.01985c(14012008)   6.32309c(14012008)
3747452.8 | 4.96943c(14012008)   5.20535c(14012008)   5.45366c(14012008)
5.71513c(14012008)   5.99062c(14012008)
3747402.8 | 4.75281c(14012008)   4.96950c(14012008)   5.19705c(14012008)
5.43609c(14012008)   5.68735c(14012008)
3747352.8 | 4.55146c(14012008)   4.75105c(14012008)   4.96021c(14012008)
5.17947c(14012008)   5.40942c(14012008)
3747302.8 | 4.36374c(14012008)   4.54807c(14012008)   4.74085c(14012008)
4.94254c(14012008)   5.15364c(14012008)
3747252.8 | 4.18825c(14012008)   4.35887c(14012008)   4.53701c(14012008)

4.72302c(14012008) 4.91735c(14012008)
3747202.8 | 4.02378c(14012008) 4.18205c(14012008) 4.34701c(14012008)
4.51898c(14012008) 4.69831c(14012008)
3747152.8 | 3.86928c(14012008) 4.01638c(14012008) 4.16945c(14012008)
4.32876c(14012008) 4.49462c(14012008)
3747102.8 | 3.72383c(14012008) 3.86078c(14012008) 4.00307c(14012008)
4.15095c(14012008) 4.30466c(14012008)
3747052.8 | 3.58664c(14012008) 3.71434c(14012008) 3.84683c(14012008)
3.98432c(14012008) 4.12703c(14012008)
3747002.8 | 3.45700c(14012008) 3.57624c(14012008) 3.69980c(14012008)
3.82783c(14012008) 3.96054c(14012008)
3746952.8 | 3.33429c(14012008) 3.44578c(14012008) 3.56115c(14012008)
3.68055c(14012008) 3.80414c(14012008)
3746902.8 | 3.21795c(14012008) 3.32232c(14012008) 3.43019c(14012008)
3.54168c(14012008) 3.65692c(14012008)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	406543.32	406593.32	406643.32	406693.32	406743.32
3746852.8	3.10751c(14012008)	3.20532c(14012008)	3.30628c(14012008)	3.41050c(14012008)	3.51809c(14012008)
3746802.8	3.00252c(14012008)	3.09427c(14012008)	3.18886c(14012008)	3.28639c(14012008)	3.38695c(14012008)
3746752.8	2.90260c(14012008)	2.98874c(14012008)	3.07745c(14012008)	3.16880c(14012008)	3.26288c(14012008)
3746702.8	2.80739c(14012008)	2.88833c(14012008)	2.97159c(14012008)	3.05723c(14012008)	3.14533c(14012008)
3746652.8	2.71658c(14012008)	2.79269c(14012008)	2.87089c(14012008)	2.95124c(14012008)	3.03380c(14012008)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,

L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406793.32	406843.32	406893.32	406943.32	406993.32
3748852.8	10.67361c(14012008)	10.08614c(14012008)	9.56299c(14012008)	9.09651c(14012008)	8.67866c(14012008)
3748802.8	12.37510c(14012008)	11.51755c(14012008)	10.79051c(14012008)	10.16652c(14012008)	9.62428c(14012008)
3748752.8	14.50531c(14012008)	13.26197c(14012008)	12.25700c(14012008)	11.42588c(14012008)	10.72448c(14012008)
3748702.8	17.20540c(14012008)	15.40978c(14012008)	14.02516c(14012008)	12.92101c(14012008)	12.01536c(14012008)
3748652.8	20.70496c(14012008)	18.10047c(14012008)	16.18863c(14012008)	14.71985c(14012008)	13.54891c(14012008)
3748602.8	25.42784c(14012008)	21.57103c(14012008)	18.89887c(14012008)	16.92897c(14012008)	15.40461c(14012008)
3748552.8	32.26462c(14012008)	26.26537c(14012008)	22.42248c(14012008)	19.72839c(14012008)	17.71187c(14012008)
3748502.8	43.43807c(14012008)	33.12351c(14012008)	27.28192c(14012008)	23.45077c(14012008)	20.69676c(14012008)
3748452.8	46.97180c(14012008)	44.57994c(14012008)	34.68346c(14012008)	28.78739c(14012008)	24.79000c(14012008)
3748402.8	40.69348c(14012008)	35.53051c(14012008)	48.22910c(14012008)	37.42817c(14012008)	30.91530c(14012008)
3748352.8	36.84807c(14012008)	42.50027c(14012008)	53.51374c(14012008)	54.81790c(14012008)	41.47323c(14012008)
3748302.8	54.37676c(14012008)	36.42147c(14012008)	39.64635c(14012008)	41.37267c(14012008)	47.10259c(14012008)
3748252.8	36.60766c(14012008)	48.42095c(14012008)	48.66976c(14012008)	38.89706c(14012008)	40.07878c(14012008)
3748202.8	27.91695c(14012008)	34.00523c(14012008)	43.04207c(14012008)	58.72282c(14012008)	39.21549c(14012008)
3748152.8	22.67686c(14012008)	26.48148c(14012008)	31.52477c(14012008)	38.71689c(14012008)	50.24412c(14012008)
3748102.8	19.14287c(14012008)	21.78459c(14012008)	25.07127c(14012008)	29.34045c(14012008)	35.24057c(14012008)
3748052.8	16.58369c(14012008)	18.54376c(14012008)	20.88589c(14012008)	23.76462c(14012008)	27.44072c(14012008)
3748002.8	14.63684c(14012008)	16.15871c(14012008)	17.92725c(14012008)	20.02333c(14012008)	22.57233c(14012008)
3747952.8	13.10124c(14012008)	14.32249c(14012008)	15.71306c(14012008)	17.31942c(14012008)	19.20933c(14012008)
3747902.8	11.85598c(14012008)	12.86078c(14012008)	13.98730c(14012008)	15.26412c(14012008)	16.73108c(14012008)
3747852.8	10.82378c(14012008)	11.66682c(14012008)	12.60056c(14012008)	13.64356c(14012008)	14.82077c(14012008)
3747802.8	9.95279c(14012008)	10.67132c(14012008)	11.45942c(14012008)	12.32965c(14012008)	13.29847c(14012008)
3747752.8	9.20691c(14012008)	9.82726c(14012008)	10.50225c(14012008)	11.24070c(14012008)	12.05389c(14012008)
3747702.8	8.56017c(14012008)	9.10154c(14012008)	9.68668c(14012008)		

10.32196c(14012008) 11.01539c(14012008)
3747652.8 | 7.99339c(14012008) 8.47015c(14012008) 8.98255c(14012008)
9.53532c(14012008) 10.13429c(14012008)
3747602.8 | 7.49210c(14012008) 7.91522c(14012008) 8.36778c(14012008)
8.85336c(14012008) 9.37631c(14012008)
3747552.8 | 7.04515c(14012008) 7.42318c(14012008) 7.82583c(14012008)
8.25585c(14012008) 8.71655c(14012008)
3747502.8 | 6.64381c(14012008) 6.98354c(14012008) 7.34405c(14012008)
7.72751c(14012008) 8.13649c(14012008)
3747452.8 | 6.28118c(14012008) 6.58803c(14012008) 6.91259c(14012008)
7.25659c(14012008) 7.62203c(14012008)
3747402.8 | 5.95168c(14012008) 6.23006c(14012008) 6.52367c(14012008)
6.83387c(14012008) 7.16228c(14012008)
3747352.8 | 5.65077c(14012008) 5.90433c(14012008) 6.17106c(14012008)
6.45206c(14012008) 6.74864c(14012008)
3747302.8 | 5.37474c(14012008) 5.60650c(14012008) 5.84971c(14012008)
6.10528c(14012008) 6.37427c(14012008)
3747252.8 | 5.12048c(14012008) 5.33297c(14012008) 5.55547c(14012008)
5.78873c(14012008) 6.03363c(14012008)
3747202.8 | 4.88543c(14012008) 5.08079c(14012008) 5.28493c(14012008)
5.49850c(14012008) 5.72219c(14012008)
3747152.8 | 4.66738c(14012008) 4.84744c(14012008) 5.03524c(14012008)
5.23130c(14012008) 5.43624c(14012008)
3747102.8 | 4.46450c(14012008) 4.63082c(14012008) 4.80398c(14012008)
4.98442c(14012008) 5.17265c(14012008)
3747052.8 | 4.27520c(14012008) 4.42913c(14012008) 4.58912c(14012008)
4.75556c(14012008) 4.92884c(14012008)
3747002.8 | 4.09813c(14012008) 4.24084c(14012008) 4.38894c(14012008)
4.54274c(14012008) 4.70260c(14012008)
3746952.8 | 3.93209c(14012008) 4.06461c(14012008) 4.20194c(14012008)
4.34432c(14012008) 4.49205c(14012008)
3746902.8 | 3.77608c(14012008) 3.89932c(14012008) 4.02683c(14012008)
4.15884c(14012008) 4.29559c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
406793.32 406843.32 406893.32 406943.32 406993.32
- - - -

3.82193c(14012008) 3.93959c(14012008)
3746752.8 | 3.35978c(14012008) 3.45960c(14012008) 3.56246c(14012008)
3.66849c(14012008) 3.77782c(14012008)
3746702.8 | 3.23595c(14012008) 3.32919c(14012008) 3.42514c(14012008)
3.52390c(14012008) 3.62560c(14012008)
3746652.8 | 3.11863c(14012008) 3.20579c(14012008) 3.29538c(14012008)
3.38746c(14012008) 3.48214c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 73
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	407043.32	407093.32	407143.32	407193.32	407243.32
3748852.8	8.30205c(14012008)	7.96028c(14012008)	7.64798c(14012008)	7.36071c(14012008)	7.09485c(14012008)
3748802.8	9.14733c(14012008)	8.72302c(14012008)	8.34160c(14012008)	7.99554c(14012008)	7.67899c(14012008)
3748752.8	10.12183c(14012008)	9.59575c(14012008)	9.13016c(14012008)	8.71320c(14012008)	8.33601c(14012008)
3748702.8	11.25453c(14012008)	10.60224c(14012008)	10.03341c(14012008)	9.53026c(14012008)	9.07992c(14012008)
3748652.8	12.58654c(14012008)	11.77565c(14012008)	11.07846c(14012008)	10.46910c(14012008)	9.92935c(14012008)
3748602.8	14.17918c(14012008)	13.16426c(14012008)	12.30384c(14012008)	11.56085c(14012008)	10.90968c(14012008)
3748552.8	16.12872c(14012008)	14.84130c(14012008)	13.76627c(14012008)	12.85005c(14012008)	12.05642c(14012008)
3748502.8	18.59503c(14012008)	16.92314c(14012008)	15.55243c(14012008)	14.40264c(14012008)	13.42062c(14012008)
3748452.8	21.86205c(14012008)	19.60489c(14012008)	17.80099c(14012008)	16.32002c(14012008)	15.07829c(14012008)
3748402.8	26.48212c(14012008)	23.23839c(14012008)	20.74739c(14012008)	18.76617c(14012008)	17.14753c(14012008)
3748352.8	33.68971c(14012008)	28.52895c(14012008)	24.82650c(14012008)	22.02524c(14012008)	19.82275c(14012008)
3748302.8	46.97513c(14012008)	37.14847c(14012008)	30.94922c(14012008)	26.64037c(14012008)	23.45034c(14012008)
3748252.8	52.23440c(14012008)	54.44324c(14012008)	41.44817c(14012008)	33.81428c(14012008)	28.72112c(14012008)
3748202.8	39.99200c(14012008)	39.27507c(14012008)	46.79136c(14012008)	46.93699c(14012008)	37.26926c(14012008)
3748152.8	49.56503c(14012008)	41.28595c(14012008)	39.95011c(14012008)		

37.65964c(14012008) 54.31689c(14012008)
3748102.8 | 44.17843c(14012008) 59.91994c(14012008) 55.58126c(14012008)
42.13408c(14012008) 38.98147c(14012008)
3748052.8 | 32.38554c(14012008) 39.54735c(14012008) 51.16464c(14012008)
51.73963c(14012008) 44.55592c(14012008)
3748002.8 | 25.77682c(14012008) 29.98474c(14012008) 35.84944c(14012008)
44.76820c(14012008) 60.35919c(14012008)
3747952.8 | 21.48430c(14012008) 24.30222c(14012008) 27.92245c(14012008)
32.80601c(14012008) 39.87490c(14012008)
3747902.8 | 18.44471c(14012008) 20.48731c(14012008) 22.98317c(14012008)
26.13029c(14012008) 30.26747c(14012008)
3747852.8 | 16.16623c(14012008) 17.72722c(14012008) 19.57116c(14012008)
21.79784c(14012008) 24.56224c(14012008)
3747802.8 | 14.38764c(14012008) 15.62632c(14012008) 17.05442c(14012008)
18.72798c(14012008) 20.72842c(14012008)
3747752.8 | 12.95641c(14012008) 13.96727c(14012008) 15.11167c(14012008)
16.42363c(14012008) 17.95024c(14012008)
3747702.8 | 11.77711c(14012008) 12.62007c(14012008) 13.56100c(14012008)
14.62179c(14012008) 15.83169c(14012008)
3747652.8 | 10.78675c(14012008) 11.50183c(14012008) 12.29109c(14012008)
13.16928c(14012008) 14.15556c(14012008)
3747602.8 | 9.94200c(14012008) 10.55706c(14012008) 11.22972c(14012008)
11.97033c(14012008) 12.79198c(14012008)
3747552.8 | 9.21198c(14012008)   9.74706c(14012008) 10.32785c(14012008)
10.96178c(14012008) 11.65815c(14012008)
3747502.8 | 8.57408c(14012008)   9.04404c(14012008)   9.55090c(14012008)
10.10016c(14012008) 10.69859c(14012008)
3747452.8 | 8.01136c(14012008)   8.42744c(14012008)   8.87376c(14012008)
9.35447c(14012008)   9.87464c(14012008)
3747402.8 | 7.51081c(14012008)   7.88173c(14012008)   8.27773c(14012008)
8.70203c(14012008)   9.15846c(14012008)
3747352.8 | 7.06233c(14012008)   7.39493c(14012008)   7.74857c(14012008)
8.12576c(14012008)   8.52948c(14012008)
3747302.8 | 6.65792c(14012008)   6.95768c(14012008)   7.27524c(14012008)
7.61261c(14012008)   7.97212c(14012008)
3747252.8 | 6.29116c(14012008)   6.56251c(14012008)   6.84906c(14012008)
7.15239c(14012008)   7.47439c(14012008)
3747202.8 | 5.95685c(14012008)   6.20344c(14012008)   6.46307c(14012008)
6.73704c(14012008)   7.02685c(14012008)
3747152.8 | 5.65072c(14012008)   5.87555c(14012008)   6.11165c(14012008)
6.36007c(14012008)   6.62204c(14012008)
3747102.8 | 5.36924c(14012008)   5.57485c(14012008)   5.79022c(14012008)
6.01624c(14012008)   6.25390c(14012008)
3747052.8 | 5.10947c(14012008)   5.29797c(14012008)   5.49499c(14012008)
5.70123c(14012008)   5.91753c(14012008)
3747002.8 | 4.86891c(14012008)   5.04214c(14012008)   5.22279c(14012008)
5.41148c(14012008)   5.60887c(14012008)
3746952.8 | 4.64548c(14012008)   4.80498c(14012008)   4.97098c(14012008)
5.14399c(14012008)   5.32456c(14012008)
3746902.8 | 4.43737c(14012008)   4.58449c(14012008)   4.73731c(14012008)
4.89626c(14012008)   5.06178c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,

L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	407043.32	407093.32	407143.32	407193.32	407243.32
3746852.8	4.24304c(14012008)	4.37896c(14012008)	4.51988c(14012008)	4.66615c(14012008)	4.81815c(14012008)
3746802.8	4.06118c(14012008)	4.18691c(14012008)	4.31705c(14012008)	4.45185c(14012008)	4.59166c(14012008)
3746752.8	3.89062c(14012008)	4.00708c(14012008)	4.12740c(14012008)	4.25181c(14012008)	4.38057c(14012008)
3746702.8	3.73036c(14012008)	3.83835c(14012008)	3.94972c(14012008)	4.06466c(14012008)	4.18339c(14012008)
3746652.8	3.57952c(14012008)	3.67974c(14012008)	3.78293c(14012008)	3.88923c(14012008)	3.99883c(14012008)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 75
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	407293.32	407343.32	407393.32	407443.32	407493.32
3748852.8	6.84745c(14012008)	6.61607c(14012008)	6.39874c(14012008)	6.19379c(14012008)	5.99986c(14012008)
3748802.8	7.38737c(14012008)	7.11703c(14012008)	6.86507c(14012008)	6.62913c(14012008)	6.40728c(14012008)
3748752.8	7.99185c(14012008)	7.67553c(14012008)	7.38294c(14012008)	7.11085c(14012008)	6.85659c(14012008)
3748702.8	8.67284c(14012008)	8.30178c(14012008)	7.96115c(14012008)	7.64652c(14012008)	7.35438c(14012008)
3748652.8	9.44594c(14012008)	9.00897c(14012008)	8.61089c(14012008)	8.24576c(14012008)	7.90890c(14012008)
3748602.8	10.33206c(14012008)	9.81449c(14012008)	9.34673c(14012008)		

8.92086c(14012008) 8.53064c(14012008)
3748552.8 | 11.35984c(14012008) 10.74168c(14012008) 10.18794c(14012008)
9.68787c(14012008) 9.23306c(14012008)
3748502.8 | 12.56949c(14012008) 11.82270c(14012008) 11.16056c(14012008)
10.56813c(14012008) 10.03385c(14012008)
3748452.8 | 14.01922c(14012008) 13.10298c(14012008) 12.30064c(14012008)
11.59065c(14012008) 10.95665c(14012008)
3748402.8 | 15.79652c(14012008) 14.64889c(14012008) 13.65956c(14012008)
12.79592c(14012008) 12.03383c(14012008)
3748352.8 | 18.03949c(14012008) 16.56164c(14012008) 15.31341c(14012008)
14.24236c(14012008) 13.31107c(14012008)
3748302.8 | 20.98092c(14012008) 19.00425c(14012008) 17.38018c(14012008)
16.01771c(14012008) 14.85509c(14012008)
3748252.8 | 25.05001c(14012008) 22.25941c(14012008) 20.05451c(14012008)
18.26074c(14012008) 16.76774c(14012008)
3748202.8 | 31.14731c(14012008) 26.86952c(14012008) 23.68457c(14012008)
21.20616c(14012008) 19.21350c(14012008)
3748152.8 | 41.58739c(14012008) 34.04195c(14012008) 28.96832c(14012008)
25.28825c(14012008) 22.47808c(14012008)
3748102.8 | 47.93946c(14012008) 47.20442c(14012008) 37.56619c(14012008)
31.42114c(14012008) 27.11059c(14012008)
3748052.8 | 41.71519c(14012008) 37.38534c(14012008) 54.78555c(14012008)
41.96207c(14012008) 34.33502c(14012008)
3748002.8 | 39.29806c(14012008) 30.12334c(14012008) 40.31002c(14012008)
65.50352c(14012008) 47.63222c(14012008)
3747952.8 | 51.31377c(14012008) 36.58114c(14012008) 41.22305c(14012008)
45.92201c(14012008) 38.32033c(14012008)
3747902.8 | 36.03260c(14012008) 44.80215c(14012008) 60.21282c(14012008)
38.55764c(14012008) 42.33917c(14012008)
3747852.8 | 28.12000c(14012008) 32.92752c(14012008) 39.89478c(14012008)
51.18136c(14012008) 51.63259c(14012008)
3747802.8 | 23.17904c(14012008) 26.27650c(14012008) 30.35660c(14012008)
36.04835c(14012008) 44.70044c(14012008)
3747752.8 | 19.75865c(14012008) 21.94824c(14012008) 24.67292c(14012008)
28.18573c(14012008) 32.93690c(14012008)
3747702.8 | 17.23057c(14012008) 18.87435c(14012008) 20.84406c(14012008)
23.26204c(14012008) 26.32297c(14012008)
3747652.8 | 15.27521c(14012008) 16.56224c(14012008) 18.06362c(14012008)
19.84618c(14012008) 22.00858c(14012008)
3747602.8 | 13.71151c(14012008) 14.75088c(14012008) 15.93932c(14012008)
17.31665c(14012008) 18.93859c(14012008)
3747552.8 | 12.42861c(14012008) 13.28803c(14012008) 14.25563c(14012008)
15.35672c(14012008) 16.62535c(14012008)
3747502.8 | 11.35455c(14012008) 12.07847c(14012008) 12.88355c(14012008)
13.78672c(14012008) 14.81005c(14012008)
3747452.8 | 10.44040c(14012008) 11.05932c(14012008) 11.74078c(14012008)
12.49655c(14012008) 13.34164c(14012008)
3747402.8 | 9.65167c(14012008) 10.18727c(14012008) 10.77212c(14012008)
11.41470c(14012008) 12.12557c(14012008)
3747352.8 | 8.96329c(14012008) 9.43145c(14012008) 9.93910c(14012008)
10.49251c(14012008) 11.09937c(14012008)
3747302.8 | 8.35656c(14012008) 8.76920c(14012008) 9.21400c(14012008)
9.69568c(14012008) 10.21998c(14012008)
3747252.8 | 7.81723c(14012008) 8.18352c(14012008) 8.57631c(14012008)
8.99924c(14012008) 9.45671c(14012008)
3747202.8 | 7.33427c(14012008) 7.66135c(14012008) 8.01050c(14012008)
8.38459c(14012008) 8.78700c(14012008)
3747152.8 | 6.89897c(14012008) 7.19252c(14012008) 7.50462c(14012008)
7.83753c(14012008) 8.19393c(14012008)
3747102.8 | 6.50436c(14012008) 6.76896c(14012008) 7.04926c(14012008)
7.34706c(14012008) 7.66452c(14012008)
3747052.8 | 6.14482c(14012008) 6.38421c(14012008) 6.63695c(14012008)
6.90452c(14012008) 7.18863c(14012008)
3747002.8 | 5.81575c(14012008) 6.03301c(14012008) 6.26169c(14012008)
6.50297c(14012008) 6.75825c(14012008)
3746952.8 | 5.51333c(14012008) 5.71105c(14012008) 5.91855c(14012008)

6.13682c(14012008) 6.36696c(14012008)
3746902.8 | 5.23441c(14012008) 5.41476c(14012008) 5.60352c(14012008)
5.80147c(14012008) 6.00954c(14012008)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
407293.32 407343.32 407393.32 407443.32 407493.32
- - - -

Y-COORD (METERS)	X-COORD (METERS)				
	407543.32	407593.32	407643.32	407693.32	407743.32
3748852.8	5.81579c(14012008)	5.64058c(14012008)	5.47339c(14012008)	5.31351c(14012008)	5.16031c(14012008)
3748802.8	6.19792c(14012008)	5.99968c(14012008)	5.81145c(14012008)	5.63223c(14012008)	5.46121c(14012008)
3748752.8	6.61801c(14012008)	6.39330c(14012008)	6.18097c(14012008)	5.97973c(14012008)	5.78849c(14012008)
3748702.8	7.08182c(14012008)	6.82650c(14012008)	6.58643c(14012008)	6.35994c(14012008)	6.14563c(14012008)
3748652.8	7.59651c(14012008)	7.30548c(14012008)	7.03324c(14012008)	6.77763c(14012008)	6.53683c(14012008)
3748602.8	8.17104c(14012008)	7.83798c(14012008)	7.52811c(14012008)	7.23863c(14012008)	6.96721c(14012008)
3748552.8	8.81682c(14012008)	8.43373c(14012008)	8.07939c(14012008)	7.75016c(14012008)	7.44302c(14012008)
3748502.8	9.54862c(14012008)	9.10518c(14012008)	8.69767c(14012008)	8.32128c(14012008)	7.97205c(14012008)
3748452.8	10.38594c(14012008)	9.86855c(14012008)	9.39654c(14012008)	8.96348c(14012008)	8.56411c(14012008)
3748402.8	11.35500c(14012008)	10.74534c(14012008)	10.19382c(14012008)	9.69164c(14012008)	9.23173c(14012008)
3748352.8	12.49207c(14012008)	11.76474c(14012008)	11.11328c(14012008)	10.52536c(14012008)	9.99120c(14012008)
3748302.8	13.84887c(14012008)	12.96751c(14012008)	12.18752c(14012008)	11.49102c(14012008)	10.86413c(14012008)
3748252.8	15.50199c(14012008)	14.41244c(14012008)	13.46248c(14012008)	12.62509c(14012008)	11.87986c(14012008)
3748202.8	17.57040c(14012008)	16.18792c(14012008)	15.00531c(14012008)	13.97957c(14012008)	13.07934c(14012008)
3748152.8	20.25052c(14012008)	18.43382c(14012008)	16.91857c(14012008)	15.63153c(14012008)	14.52168c(14012008)
3748102.8	23.89403c(14012008)	21.38681c(14012008)	19.36793c(14012008)	17.70071c(14012008)	16.29577c(14012008)
3748052.8	29.20669c(14012008)	25.48536c(14012008)	22.64155c(14012008)	20.38501c(14012008)	18.54240c(14012008)
3748002.8	37.87239c(14012008)	31.65436c(14012008)	27.29412c(14012008)	24.03927c(14012008)	21.50010c(14012008)
3747952.8	55.26443c(14012008)	42.28698c(14012008)	34.56565c(14012008)	29.37712c(14012008)	25.61144c(14012008)
3747902.8	58.46219c(14012008)	48.78835c(14012008)	47.99086c(14012008)	38.10657c(14012008)	31.81229c(14012008)
3747852.8	40.06029c(14012008)	42.34943c(14012008)	53.26649c(14012008)	55.74047c(14012008)	42.53184c(14012008)
3747802.8	59.96961c(14012008)	39.17222c(14012008)	40.83478c(14012008)	41.23818c(14012008)	47.98658c(14012008)
3747752.8	39.82064c(14012008)	50.94155c(14012008)	50.03393c(14012008)	40.67592c(14012008)	40.71022c(14012008)
3747702.8	30.35859c(14012008)	35.98899c(14012008)	44.53591c(14012008)	59.53435c(14012008)	55.63671c(14012008)
3747652.8	24.70353c(14012008)	28.18190c(14012008)	32.89016c(14012008)	39.71626c(14012008)	50.73993c(14012008)
3747602.8	20.88591c(14012008)	23.28066c(14012008)	26.31756c(14012008)	30.32985c(14012008)	35.94437c(14012008)
3747552.8	18.10855c(14012008)	19.87339c(14012008)	22.01919c(14012008)	24.70033c(14012008)	28.17140c(14012008)
3747502.8	15.98295c(14012008)	17.34555c(14012008)	18.95419c(14012008)	20.89069c(14012008)	23.27893c(14012008)
3747452.8	14.29546c(14012008)	15.38361c(14012008)	16.64060c(14012008)	18.11416c(14012008)	19.87227c(14012008)
3747402.8	12.91812c(14012008)	13.80953c(14012008)	14.82223c(14012008)		

15.98611c(14012008) 17.34197c(14012008)
3747352.8 | 11.76922c(14012008) 12.51407c(14012008) 13.34922c(14012008)
14.29449c(14012008) 15.37606c(14012008)
3747302.8 | 10.79392c(14012008) 11.42618c(14012008) 12.12761c(14012008)
12.91196c(14012008) 13.79697c(14012008)
3747252.8 | 9.95398c(14012008) 10.49751c(14012008) 11.09525c(14012008)
11.75711c(14012008) 12.49562c(14012008)
3747202.8 | 9.22181c(14012008) 9.69391c(14012008) 10.20928c(14012008)
10.77527c(14012008) 11.40104c(14012008)
3747152.8 | 8.57700c(14012008) 8.99054c(14012008) 9.43911c(14012008)
9.92831c(14012008) 10.46501c(14012008)
3747102.8 | 8.00413c(14012008) 8.36888c(14012008) 8.76233c(14012008)
9.18880c(14012008) 9.65355c(14012008)
3747052.8 | 7.49128c(14012008) 7.81484c(14012008) 8.16212c(14012008)
8.53649c(14012008) 8.94202c(14012008)
3747002.8 | 7.02913c(14012008) 7.31751c(14012008) 7.62562c(14012008)
7.95610c(14012008) 8.31212c(14012008)
3746952.8 | 6.61029c(14012008) 6.86831c(14012008) 7.14280c(14012008)
7.43586c(14012008) 7.74996c(14012008)
3746902.8 | 6.22877c(14012008) 6.46037c(14012008) 6.70576c(14012008)
6.96659c(14012008) 7.24481c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 78
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407543.32	407593.32	407643.32	407693.32	407743.32

3746852.8 | 5.87972c(14012008) 6.08816c(14012008) 6.30815c(14012008)
6.54100c(14012008) 6.78822c(14012008)
3746802.8 | 5.55916c(14012008) 5.74717c(14012008) 5.94485c(14012008)
6.15322c(14012008) 6.37347c(14012008)
3746752.8 | 5.26375c(14012008) 5.43364c(14012008) 5.61162c(14012008)
5.79847c(14012008) 5.99511c(14012008)
3746702.8 | 4.99072c(14012008) 5.14448c(14012008) 5.30497c(14012008)
5.47281c(14012008) 5.64867c(14012008)
3746652.8 | 4.73770c(14012008) 4.87704c(14012008) 5.02197c(14012008)
5.17294c(14012008) 5.33046c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407793.32	407843.32	407893.32	407943.32	407993.32
3748852.8	5.01323c(14012008)	4.87179c(14012008)	4.73558c(14012008)	4.60421c(14012008)	4.47736c(14012008)
3748802.8	5.29766c(14012008)	5.14094c(14012008)	4.99051c(14012008)	4.84588c(14012008)	4.70663c(14012008)
3748752.8	5.60631c(14012008)	5.43237c(14012008)	5.26598c(14012008)	5.10651c(14012008)	4.95342c(14012008)
3748702.8	5.94228c(14012008)	5.74887c(14012008)	5.56448c(14012008)	5.38834c(14012008)	5.21975c(14012008)
3748652.8	6.30930c(14012008)	6.09372c(14012008)	5.88894c(14012008)	5.69398c(14012008)	5.50797c(14012008)
3748602.8	6.71186c(14012008)	6.47089c(14012008)	6.24287c(14012008)	6.02654c(14012008)	5.82083c(14012008)
3748552.8	7.15540c(14012008)	6.88517c(14012008)	6.63048c(14012008)	6.38976c(14012008)	6.16165c(14012008)
3748502.8	7.64669c(14012008)	7.34241c(14012008)	7.05689c(14012008)	6.78812c(14012008)	6.53438c(14012008)
3748452.8	8.19411c(14012008)	7.84988c(14012008)	7.52839c(14012008)	7.22709c(14012008)	6.94381c(14012008)
3748402.8	8.80832c(14012008)	8.41665c(14012008)	8.05279c(14012008)	7.71343c(14012008)	7.39579c(14012008)
3748352.8	9.50296c(14012008)	9.05427c(14012008)	8.63991c(14012008)	8.25555c(14012008)	7.89757c(14012008)
3748302.8	10.29592c(14012008)	9.77767c(14012008)	9.30232c(14012008)	8.86408c(14012008)	8.45822c(14012008)
3748252.8	11.21109c(14012008)	10.60650c(14012008)	10.05633c(14012008)	9.55271c(14012008)	9.08928c(14012008)
3748202.8	12.28119c(14012008)	11.56723c(14012008)	10.92360c(14012008)	10.33933c(14012008)	9.80566c(14012008)
3748152.8	13.55235c(14012008)	12.69645c(14012008)	11.93353c(14012008)	11.24783c(14012008)	10.62701c(14012008)
3748102.8	15.09206c(14012008)	14.04636c(14012008)	13.12717c(14012008)	12.31095c(14012008)	11.57974c(14012008)
3748052.8	17.00343c(14012008)	15.69431c(14012008)	14.56374c(14012008)	13.57485c(14012008)	12.70040c(14012008)
3748002.8	19.45317c(14012008)	17.76058c(14012008)	16.33235c(14012008)	15.10703c(14012008)	14.04108c(14012008)
3747952.8	22.73155c(14012008)	20.44402c(14012008)	18.57406c(14012008)	17.01051c(14012008)	15.67893c(14012008)
3747902.8	27.39823c(14012008)	24.10133c(14012008)	21.52773c(14012008)	19.45175c(14012008)	17.73378c(14012008)
3747852.8	34.70710c(14012008)	29.45017c(14012008)	25.63612c(14012008)		

22.72009c(14012008) 20.40349c(14012008)
3747802.8 | 48.25077c(14012008) 38.20806c(14012008) 31.83373c(14012008)
27.37217c(14012008) 24.04243c(14012008)
3747752.8 | 54.21159c(14012008) 55.97317c(14012008) 42.54056c(14012008)
34.65173c(14012008) 29.36237c(14012008)
3747702.8 | 41.35798c(14012008) 39.68911c(14012008) 48.20397c(14012008)
48.11908c(14012008) 38.06363c(14012008)
3747652.8 | 50.37553c(14012008) 43.29596c(14012008) 41.00566c(14012008)
37.93872c(14012008) 55.66502c(14012008)
3747602.8 | 44.50356c(14012008) 59.48961c(14012008) 56.21240c(14012008)
44.09493c(14012008) 39.70160c(14012008)
3747552.8 | 32.88615c(14012008) 39.74737c(14012008) 50.86506c(14012008)
52.65347c(14012008) 42.80409c(14012008)
3747502.8 | 26.31626c(14012008) 30.33939c(14012008) 35.97967c(14012008)
44.59435c(14012008) 59.70798c(14012008)
3747452.8 | 22.01549c(14012008) 24.69958c(14012008) 28.18101c(14012008)
32.91751c(14012008) 39.82337c(14012008)
3747402.8 | 18.94698c(14012008) 20.88415c(14012008) 23.27931c(14012008)
26.33390c(14012008) 30.39450c(14012008)
3747352.8 | 16.62926c(14012008) 18.10310c(14012008) 19.86793c(14012008)
22.02895c(14012008) 24.75232c(14012008)
3747302.8 | 14.80592c(14012008) 15.97008c(14012008) 17.33267c(14012008)
18.95553c(14012008) 20.93101c(14012008)
3747252.8 | 13.32690c(14012008) 14.27212c(14012008) 15.35973c(14012008)
16.62908c(14012008) 18.13657c(14012008)
3747202.8 | 12.09820c(14012008) 12.88170c(14012008) 13.77118c(14012008)
14.79312c(14012008) 15.98412c(14012008)
3747152.8 | 11.05779c(14012008) 11.71755c(14012008) 12.45833c(14012008)
13.29861c(14012008) 14.26321c(14012008)
3747102.8 | 10.16304c(14012008) 10.72539c(14012008) 11.35089c(14012008)
12.05277c(14012008) 12.84839c(14012008)
3747052.8 | 9.38366c(14012008)   9.86753c(14012008) 10.40130c(14012008)
10.99462c(14012008) 11.65990c(14012008)
3747002.8 | 8.69752c(14012008)   9.11696c(14012008)   9.57619c(14012008)
10.08236c(14012008) 10.64444c(14012008)
3746952.8 | 8.08808c(14012008)   8.45379c(14012008)   8.85143c(14012008)
9.28631c(14012008)   9.76497c(14012008)
3746902.8 | 7.54272c(14012008)   7.86305c(14012008)   8.20909c(14012008)
8.58477c(14012008)   8.99489c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
407793.32 407843.32 407893.32 407943.32 407993.32

- - - -

7.08815c(14012008) 6.79589c(14012008)
3748252.8 | 8.66078c(14012008) 8.26288c(14012008) 7.89194c(14012008)
7.54492c(14012008) 7.21926c(14012008)
3748202.8 | 9.31553c(14012008) 8.86313c(14012008) 8.44370c(14012008)
8.05326c(14012008) 7.68852c(14012008)
3748152.8 | 10.06127c(14012008) 9.54274c(14012008) 9.06502c(14012008)
8.62284c(14012008) 8.21189c(14012008)
3748102.8 | 10.91959c(14012008) 10.31950c(14012008) 9.77068c(14012008)
9.26603c(14012008) 8.79978c(14012008)
3748052.8 | 11.91979c(14012008) 11.21717c(14012008) 10.58015c(14012008)
9.99889c(14012008) 9.46555c(14012008)
3748002.8 | 13.10275c(14012008) 12.26829c(14012008) 11.51961c(14012008)
10.84273c(14012008) 10.22664c(14012008)
3747952.8 | 14.52743c(14012008) 13.51871c(14012008) 12.62527c(14012008)
11.82642c(14012008) 11.10635c(14012008)
3747902.8 | 16.28249c(14012008) 15.03548c(14012008) 13.94871c(14012008)
12.99028c(14012008) 12.13653c(14012008)
3747852.8 | 18.50817c(14012008) 16.92092c(14012008) 15.56637c(14012008)
14.39241c(14012008) 13.36198c(14012008)
3747802.8 | 21.44181c(14012008) 19.34039c(14012008) 17.59699c(14012008)
16.12013c(14012008) 14.84808c(14012008)
3747752.8 | 25.52313c(14012008) 22.58137c(14012008) 20.23667c(14012008)
18.31146c(14012008) 16.69429c(14012008)
3747702.8 | 31.67972c(14012008) 27.19703c(14012008) 23.83675c(14012008)
21.19969c(14012008) 19.06053c(14012008)
3747652.8 | 42.31204c(14012008) 34.42239c(14012008) 29.10262c(14012008)
25.21605c(14012008) 22.22278c(14012008)
3747602.8 | 49.48465c(14012008) 47.78328c(14012008) 37.71784c(14012008)
31.26668c(14012008) 26.70547c(14012008)
3747552.8 | 43.34685c(14012008) 37.70339c(14012008) 55.07267c(14012008)
41.67874c(14012008) 33.65352c(14012008)
3747502.8 | 38.78708c(14012008) 44.20912c(14012008) 41.16588c(14012008)
64.81857c(14012008) 46.18281c(14012008)
3747452.8 | 51.06581c(14012008) 36.81085c(14012008) 40.46997c(14012008)
43.96265c(14012008) 52.01944c(14012008)
3747402.8 | 36.11971c(14012008) 44.96724c(14012008) 61.13524c(14012008)
39.04992c(14012008) 41.05757c(14012008)
3747352.8 | 28.32028c(14012008) 33.26351c(14012008) 40.73319c(14012008)
53.79357c(14012008) 53.26581c(14012008)
3747302.8 | 23.40499c(14012008) 26.62429c(14012008) 31.04229c(14012008)
37.57672c(14012008) 48.38566c(14012008)
3747252.8 | 19.96635c(14012008) 22.24989c(14012008) 25.20311c(14012008)
29.20262c(14012008) 34.96957c(14012008)
3747202.8 | 17.39638c(14012008) 19.10662c(14012008) 21.23169c(14012008)
23.95740c(14012008) 27.59952c(14012008)
3747152.8 | 15.38621c(14012008) 16.71548c(14012008) 18.32016c(14012008)
20.30354c(14012008) 22.82799c(14012008)
3747102.8 | 13.76086c(14012008) 14.82152c(14012008) 16.07386c(14012008)
17.57992c(14012008) 19.43169c(14012008)
3747052.8 | 12.41321c(14012008) 13.27579c(14012008) 14.27609c(14012008)
15.45322c(14012008) 16.86248c(14012008)
3747002.8 | 11.27382c(14012008) 11.98516c(14012008) 12.79757c(14012008)
13.73641c(14012008) 14.83608c(14012008)
3746952.8 | 10.29556c(14012008) 10.88831c(14012008) 11.55621c(14012008)
12.31596c(14012008) 13.18937c(14012008)
3746902.8 | 9.44528c(14012008) 9.94310c(14012008) 10.49720c(14012008)
11.11866c(14012008) 11.82137c(14012008)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR

SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408043.32	408093.32	408143.32	408193.32	408243.32
3746852.8	8.69888c(14012008)	9.11949c(14012008)	9.58238c(14012008)	10.09484c(14012008)	10.66572c(14012008)
3746802.8	8.03840c(14012008)	8.39542c(14012008)	8.78418c(14012008)	9.20940c(14012008)	9.67664c(14012008)
3746752.8	7.45006c(14012008)	7.75423c(14012008)	8.08210c(14012008)	8.43666c(14012008)	8.82129c(14012008)
3746702.8	6.92311c(14012008)	7.18302c(14012008)	7.46047c(14012008)	7.75726c(14012008)	8.07533c(14012008)
3746652.8	6.44897c(14012008)	6.67161c(14012008)	6.90704c(14012008)	7.15626c(14012008)	7.42024c(14012008)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 83
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408293.32	408343.32	408393.32	408443.32	408493.32
3748852.8	3.79665c(14012008)	3.69471c(14012008)	3.59564c(14012008)	3.49932c(14012008)	3.40563c(14012008)
3748802.8	3.96556c(14012008)	3.85540c(14012008)	3.74854c(14012008)	3.64481c(14012008)	3.54409c(14012008)
3748752.8	4.14562c(14012008)	4.02646c(14012008)	3.91107c(14012008)		

3.79926c(14012008) 3.69086c(14012008)
3748702.8 | 4.33793c(14012008) 4.20888c(14012008) 4.08413c(14012008)
3.96347c(14012008) 3.84669c(14012008)
3748652.8 | 4.54375c(14012008) 4.40378c(14012008) 4.26875c(14012008)
4.13838c(14012008) 4.01241c(14012008)
3748602.8 | 4.76451c(14012008) 4.61248c(14012008) 4.46610c(14012008)
4.32504c(14012008) 4.18898c(14012008)
3748552.8 | 5.00190c(14012008) 4.83647c(14012008) 4.67753c(14012008)
4.52466c(14012008) 4.37749c(14012008)
3748502.8 | 5.25785c(14012008) 5.07749c(14012008) 4.90459c(14012008)
4.73863c(14012008) 4.57918c(14012008)
3748452.8 | 5.53465c(14012008) 5.33758c(14012008) 5.14909c(14012008)
4.96858c(14012008) 4.79550c(14012008)
3748402.8 | 5.83500c(14012008) 5.61912c(14012008) 5.41316c(14012008)
5.21637c(14012008) 5.02811c(14012008)
3748352.8 | 6.16211c(14012008) 5.92495c(14012008) 5.69929c(14012008)
5.48422c(14012008) 5.27896c(14012008)
3748302.8 | 6.51981c(14012008) 6.25842c(14012008) 6.01042c(14012008)
5.77472c(14012008) 5.55034c(14012008)
3748252.8 | 6.91277c(14012008) 6.62359c(14012008) 6.35011c(14012008)
6.09096c(14012008) 5.84495c(14012008)
3748202.8 | 7.34667c(14012008) 7.02537c(14012008) 6.72259c(14012008)
6.43663c(14012008) 6.16600c(14012008)
3748152.8 | 7.82854c(14012008) 7.46978c(14012008) 7.13305c(14012008)
6.81619c(14012008) 6.51734c(14012008)
3748102.8 | 8.36718c(14012008) 7.96430c(14012008) 7.58785c(14012008)
7.23508c(14012008) 6.90363c(14012008)
3748052.8 | 8.97375c(14012008) 8.51829c(14012008) 8.09490c(14012008)
7.70000c(14012008) 7.33058c(14012008)
3748002.8 | 9.66264c(14012008) 9.14372c(14012008) 8.66417c(14012008)
8.21931c(14012008) 7.80521c(14012008)
3747952.8 | 10.45279c(14012008) 9.85605c(14012008) 9.30840c(14012008)
8.80354c(14012008) 8.33630c(14012008)
3747902.8 | 11.36959c(14012008) 10.67573c(14012008) 10.04415c(14012008)
9.46623c(14012008) 8.93497c(14012008)
3747852.8 | 12.44803c(14012008) 11.63032c(14012008) 10.89336c(14012008)
10.22499c(14012008) 9.61550c(14012008)
3747802.8 | 13.73775c(14012008) 12.75803c(14012008) 11.88578c(14012008)
11.10327c(14012008) 10.39655c(14012008)
3747752.8 | 15.31178c(14012008) 14.11338c(14012008) 13.06278c(14012008)
12.13290c(14012008) 11.30304c(14012008)
3747702.8 | 17.28255c(14012008) 15.77721c(14012008) 14.48372c(14012008)
13.35843c(14012008) 12.36896c(14012008)
3747652.8 | 19.83311c(14012008) 17.87493c(14012008) 16.23720c(14012008)
14.84412c(14012008) 13.64211c(14012008)
3747602.8 | 23.28431c(14012008) 20.61296c(14012008) 18.46199c(14012008)
16.68679c(14012008) 15.19209c(14012008)
3747552.8 | 28.25834c(14012008) 24.35887c(14012008) 21.39001c(14012008)
19.04023c(14012008) 17.12495c(14012008)
3747502.8 | 36.15775c(14012008) 29.84636c(14012008) 25.44524c(14012008)
22.16684c(14012008) 19.61174c(14012008)
3747452.8 | 51.05920c(14012008) 38.82484c(14012008) 31.50956c(14012008)
26.55988c(14012008) 22.94955c(14012008)
3747402.8 | 54.86780c(14012008) 56.95488c(14012008) 41.81630c(14012008)
33.28225c(14012008) 27.70861c(14012008)
3747352.8 | 40.27531c(14012008) 39.76920c(14012008) 46.36497c(14012008)
45.16585c(14012008) 35.15390c(14012008)
3747302.8 | 49.05224c(14012008) 41.63482c(14012008) 39.58300c(14012008)
50.60586c(14012008) 48.86197c(14012008)
3747252.8 | 44.11560c(14012008) 61.26346c(14012008) 57.45554c(14012008)
41.57703c(14012008) 36.92236c(14012008)
3747202.8 | 32.75184c(14012008) 40.71102c(14012008) 54.97801c(14012008)
37.59776c(14012008) 44.62417c(14012008)
3747152.8 | 26.16736c(14012008) 30.82844c(14012008) 37.87179c(14012008)
49.98248c(14012008) 35.89133c(14012008)
3747102.8 | 21.77263c(14012008) 24.84066c(14012008) 29.06228c(14012008)

35.28895c(14012008) 45.53648c(14012008)
3747052.8 | 18.58488c(14012008) 20.74423c(14012008) 23.53964c(14012008)
27.31253c(14012008) 32.70029c(14012008)
3747002.8 | 16.14438c(14012008) 17.72958c(14012008) 19.69224c(14012008)
22.18550c(14012008) 25.45084c(14012008)
3746952.8 | 14.20530c(14012008) 15.40266c(14012008) 16.83462c(14012008)
18.57495c(14012008) 20.72718c(14012008)
3746902.8 | 12.62297c(14012008) 13.54600c(14012008) 14.61944c(14012008)
15.88070c(14012008) 17.37847c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 84
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408293.32 408343.32 408393.32
408443.32 408493.32
- - - -

L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408543.32	408593.32	408643.32	408693.32	408743.32
3748852.8	3.31449c(14012008)	3.22579c(14012008)	3.13945c(14012008)	3.05540c(14012008)	2.97358c(14012008)
3748802.8	3.44624c(14012008)	3.35115c(14012008)	3.25873c(14012008)	3.16887c(14012008)	3.08151c(14012008)
3748752.8	3.58571c(14012008)	3.48369c(14012008)	3.38467c(14012008)	3.28852c(14012008)	3.19516c(14012008)
3748702.8	3.73359c(14012008)	3.62402c(14012008)	3.51782c(14012008)	3.41485c(14012008)	3.31500c(14012008)
3748652.8	3.89062c(14012008)	3.77281c(14012008)	3.65879c(14012008)	3.54841c(14012008)	3.44151c(14012008)
3748602.8	4.05766c(14012008)	3.93084c(14012008)	3.80829c(14012008)	3.68983c(14012008)	3.57526c(14012008)
3748552.8	4.23570c(14012008)	4.09899c(14012008)	3.96711c(14012008)	3.83981c(14012008)	3.71689c(14012008)
3748502.8	4.42584c(14012008)	4.27826c(14012008)	4.13613c(14012008)	3.99916c(14012008)	3.86710c(14012008)
3748452.8	4.62938c(14012008)	4.46980c(14012008)	4.31638c(14012008)	4.16878c(14012008)	4.02671c(14012008)
3748402.8	4.84779c(14012008)	4.67491c(14012008)	4.50902c(14012008)	4.34972c(14012008)	4.19664c(14012008)
3748352.8	5.08280c(14012008)	4.89514c(14012008)	4.71542c(14012008)	4.54316c(14012008)	4.37794c(14012008)
3748302.8	5.33643c(14012008)	5.13225c(14012008)	4.93713c(14012008)	4.75049c(14012008)	4.57183c(14012008)
3748252.8	5.61103c(14012008)	5.38831c(14012008)	5.17596c(14012008)	4.97330c(14012008)	4.77970c(14012008)
3748202.8	5.90941c(14012008)	5.66576c(14012008)	5.43406c(14012008)	5.21344c(14012008)	5.00317c(14012008)
3748152.8	6.23490c(14012008)	5.96750c(14012008)	5.71392c(14012008)	5.47311c(14012008)	5.24414c(14012008)
3748102.8	6.59151c(14012008)	6.29697c(14012008)	6.01853c(14012008)	5.75486c(14012008)	5.50484c(14012008)
3748052.8	6.98409c(14012008)	6.65834c(14012008)	6.35144c(14012008)	6.06177c(14012008)	5.78791c(14012008)
3748002.8	7.41859c(14012008)	7.05664c(14012008)	6.71697c(14012008)	6.39751c(14012008)	6.09647c(14012008)
3747952.8	7.90235c(14012008)	7.49806c(14012008)	7.12032c(14012008)	6.76650c(14012008)	6.43432c(14012008)
3747902.8	8.44458c(14012008)	7.99026c(14012008)	7.56793c(14012008)	7.17416c(14012008)	6.80601c(14012008)
3747852.8	9.05696c(14012008)	8.54286c(14012008)	8.06778c(14012008)	7.62716c(14012008)	7.21716c(14012008)
3747802.8	9.75452c(14012008)	9.16811c(14012008)	8.62993c(14012008)	8.13384c(14012008)	7.67472c(14012008)
3747752.8	10.55698c(14012008)	9.88183c(14012008)	9.26723c(14012008)	8.70473c(14012008)	8.18740c(14012008)
3747702.8	11.49077c(14012008)	10.70489c(14012008)	9.99639c(14012008)	9.35339c(14012008)	8.76634c(14012008)
3747652.8	12.59220c(14012008)	11.66538c(14012008)	10.83956c(14012008)	10.09758c(14012008)	9.42594c(14012008)
3747602.8	13.91265c(14012008)	12.80220c(14012008)	11.82684c(14012008)	10.96105c(14012008)	10.18527c(14012008)
3747552.8	15.52773c(14012008)	14.17091c(14012008)	13.00022c(14012008)		

11.97637c(14012008) 11.07016c(14012008)
3747502.8 | 17.55388c(14012008) 15.85396c(14012008) 14.42030c(14012008)
13.18957c(14012008) 12.11650c(14012008)
3747452.8 | 20.18126c(14012008) 17.97980c(14012008) 16.17815c(14012008)
14.66804c(14012008) 13.37596c(14012008)
3747402.8 | 23.74516c(14012008) 20.76107c(14012008) 18.41781c(14012008)
16.51505c(14012008) 14.92588c(14012008)
3747352.8 | 28.90320c(14012008) 24.58003c(14012008) 21.38286c(14012008)
18.89813c(14012008) 16.88823c(14012008)
3747302.8 | 37.17123c(14012008) 30.20913c(14012008) 25.52448c(14012008)
22.11093c(14012008) 19.46875c(14012008)
3747252.8 | 53.15841c(14012008) 39.51369c(14012008) 31.79549c(14012008)
26.72687c(14012008) 23.04751c(14012008)
3747202.8 | 38.69338c(14012008) 58.53902c(14012008) 42.67701c(14012008)
34.06486c(14012008) 28.42329c(14012008)
3747152.8 | 39.86679c(14012008) 58.82192c(14012008) 48.71512c(14012008)
48.11721c(14012008) 37.63401c(14012008)
3747102.8 | 46.47258c(14012008) 37.63260c(14012008) 39.96726c(14012008)
53.00207c(14012008) 58.00075c(14012008)
3747052.8 | 41.02096c(14012008) 55.52326c(14012008) 36.24600c(14012008)
37.99095c(14012008) 38.43902c(14012008)
3747002.8 | 29.88224c(14012008) 36.15678c(14012008) 45.66659c(14012008)
44.38585c(14012008) 36.64817c(14012008)
3746952.8 | 23.43949c(14012008) 26.93724c(14012008) 31.61866c(14012008)
38.32117c(14012008) 49.07025c(14012008)
3746902.8 | 19.17789c(14012008) 21.37249c(14012008) 24.11313c(14012008)
27.66939c(14012008) 32.55563c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 86
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
408543.32 408593.32 408643.32 408693.32 408743.32
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408793.32	408843.32	408893.32	408943.32	408993.32
3748852.8	2.89391c(14012008)	2.81634c(14012008)	2.74083c(14012008)	2.66731c(14012008)	2.59575c(14012008)
3748802.8	2.99655c(14012008)	2.91393c(14012008)	2.83359c(14012008)	2.75547c(14012008)	2.67951c(14012008)
3748752.8	3.10449c(14012008)	3.01643c(14012008)	2.93089c(14012008)	2.84781c(14012008)	2.76712c(14012008)
3748702.8	3.21815c(14012008)	3.12420c(14012008)	3.03306c(14012008)	2.94464c(14012008)	2.85887c(14012008)
3748652.8	3.33796c(14012008)	3.23765c(14012008)	3.14045c(14012008)	3.04628c(14012008)	2.95503c(14012008)
3748602.8	3.46445c(14012008)	3.35723c(14012008)	3.25348c(14012008)	3.15308c(14012008)	3.05592c(14012008)
3748552.8	3.59816c(14012008)	3.48344c(14012008)	3.37259c(14012008)	3.26545c(14012008)	3.16189c(14012008)
3748502.8	3.73974c(14012008)	3.61686c(14012008)	3.49827c(14012008)	3.38382c(14012008)	3.27335c(14012008)
3748452.8	3.88990c(14012008)	3.75811c(14012008)	3.63111c(14012008)	3.50870c(14012008)	3.39071c(14012008)
3748402.8	4.04947c(14012008)	3.90792c(14012008)	3.77173c(14012008)	3.64065c(14012008)	3.51449c(14012008)
3748352.8	4.21937c(14012008)	4.06711c(14012008)	3.92085c(14012008)	3.78030c(14012008)	3.64521c(14012008)
3748302.8	4.40067c(14012008)	4.23661c(14012008)	4.07929c(14012008)	3.92835c(14012008)	3.78352c(14012008)
3748252.8	4.59459c(14012008)	4.41750c(14012008)	4.24798c(14012008)	4.08563c(14012008)	3.93010c(14012008)
3748202.8	4.80256c(14012008)	4.61101c(14012008)	4.42800c(14012008)	4.25306c(14012008)	4.08577c(14012008)
3748152.8	5.02620c(14012008)	4.81857c(14012008)	4.62059c(14012008)	4.43172c(14012008)	4.25143c(14012008)
3748102.8	5.26746c(14012008)	5.04183c(14012008)	4.82719c(14012008)	4.62283c(14012008)	4.42816c(14012008)
3748052.8	5.52860c(14012008)	5.28277c(14012008)	5.04946c(14012008)	4.82783c(14012008)	4.61717c(14012008)
3748002.8	5.81231c(14012008)	5.54367c(14012008)	5.28938c(14012008)		

5.04841c(14012008) 4.81989c(14012008)
3747952.8 | 6.12181c(14012008) 5.82729c(14012008) 5.54929c(14012008)
5.28655c(14012008) 5.03799c(14012008)
3747902.8 | 6.46097c(14012008) 6.13691c(14012008) 5.83197c(14012008)
5.54461c(14012008) 5.27347c(14012008)
3747852.8 | 6.83453c(14012008) 6.47652c(14012008) 6.14081c(14012008)
5.82542c(14012008) 5.52869c(14012008)
3747802.8 | 7.24831c(14012008) 6.85103c(14012008) 6.47990c(14012008)
6.13243c(14012008) 5.80652c(14012008)
3747752.8 | 7.70956c(14012008) 7.26649c(14012008) 6.85432c(14012008)
6.46985c(14012008) 6.11045c(14012008)
3747702.8 | 8.22748c(14012008) 7.73054c(14012008) 7.27040c(14012008)
6.84294c(14012008) 6.44481c(14012008)
3747652.8 | 8.81390c(14012008) 8.25293c(14012008) 7.73622c(14012008)
7.25834c(14012008) 6.81501c(14012008)
3747602.8 | 9.48432c(14012008) 8.84637c(14012008) 8.26218c(14012008)
7.72457c(14012008) 7.22795c(14012008)
3747552.8 | 10.25953c(14012008) 9.52774c(14012008) 8.86205c(14012008)
8.25278c(14012008) 7.69259c(14012008)
3747502.8 | 11.16810c(14012008) 10.32004c(14012008) 9.55438c(14012008)
8.85788c(14012008) 8.22077c(14012008)
3747452.8 | 12.25057c(14012008) 11.25551c(14012008) 10.36492c(14012008)
9.56031c(14012008) 8.82853c(14012008)
3747402.8 | 13.56662c(14012008) 12.38092c(14012008) 11.33045c(14012008)
10.38888c(14012008) 9.53808c(14012008)
3747352.8 | 15.20824c(14012008) 13.76692c(14012008) 12.50552c(14012008)
11.38550c(14012008) 10.38119c(14012008)
3747302.8 | 17.32574c(14012008) 15.52563c(14012008) 13.97448c(14012008)
12.61350c(14012008) 11.40479c(14012008)
3747252.8 | 20.18379c(14012008) 17.84633c(14012008) 15.87472c(14012008)
14.17299c(14012008) 12.68112c(14012008)
3747202.8 | 24.29725c(14012008) 21.07461c(14012008) 18.44493c(14012008)
16.23142c(14012008) 14.32726c(14012008)
3747152.8 | 30.81934c(14012008) 25.91362c(14012008) 22.13777c(14012008)
19.09060c(14012008) 16.54631c(14012008)
3747102.8 | 42.98986c(14012008) 34.05366c(14012008) 27.92929c(14012008)
23.35500c(14012008) 19.72503c(14012008)
3747052.8 | 48.49364c(14012008) 50.99143c(14012008) 38.41305c(14012008)
30.44471c(14012008) 24.70740c(14012008)
3747002.8 | 37.08321c(14012008) 36.24705c(14012008) 43.72631c(14012008)
44.73811c(14012008) 33.77712c(14012008)
3746952.8 | 46.26128c(14012008) 35.84595c(14012008) 34.95394c(14012008)
32.66248c(14012008) 38.33510c(14012008)
3746902.8 | 39.84296c(14012008) 52.20913c(14012008) 46.39887c(14012008)
32.64080c(14012008) 29.51189c(14012008)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:27:07

PAGE 88
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408793.32	408843.32	408893.32	408943.32	408993.32
3746852.8	27.64657c(14012008)	32.49811c(14012008)	39.63321c(14012008)	51.16103c(14012008)	41.14286c(14012008)
3746802.8	20.82787c(14012008)	23.13773c(14012008)	25.97580c(14012008)	29.47619c(14012008)	33.74270c(14012008)
3746752.8	16.45503c(14012008)	17.63164c(14012008)	18.86874c(14012008)	20.05274c(14012008)	20.87506c(14012008)
3746702.8	13.43495c(14012008)	14.04431c(14012008)	14.58270c(14012008)	14.94581c(14012008)	14.95345c(14012008)
3746652.8	11.24934c(14012008)	11.56030c(14012008)	11.77703c(14012008)	11.83553c(14012008)	11.65382c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.8	2.52611c(14012008)	2.45833c(14012008)	2.39239c(14012008)	2.32824c(14012008)	2.26586c(14012008)
3748802.8	2.60565c(14012008)	2.53387c(14012008)	2.46409c(14012008)	2.39629c(14012008)	2.33042c(14012008)
3748752.8	2.68876c(14012008)	2.61267c(14012008)	2.53880c(14012008)	2.46710c(14012008)	2.39750c(14012008)
3748702.8	2.77566c(14012008)	2.69496c(14012008)	2.61670c(14012008)	2.54081c(14012008)	2.46725c(14012008)
3748652.8	2.86661c(14012008)	2.78095c(14012008)	2.69798c(14012008)	2.61762c(14012008)	2.53980c(14012008)
3748602.8	2.96189c(14012008)	2.87090c(14012008)	2.78286c(14012008)	2.69770c(14012008)	2.61532c(14012008)
3748552.8	3.06181c(14012008)	2.96507c(14012008)	2.87159c(14012008)	2.78126c(14012008)	2.69399c(14012008)
3748502.8	3.16671c(14012008)	3.06377c(14012008)	2.96441c(14012008)	2.86853c(14012008)	2.77601c(14012008)
3748452.8	3.27697c(14012008)	3.16732c(14012008)	3.06163c(14012008)		

2.95976c(14012008) 2.86159c(14012008)
3748402.8 | 3.39303c(14012008) 3.27611c(14012008) 3.16356c(14012008)
3.05523c(14012008) 2.95096c(14012008)
3748352.8 | 3.51537c(14012008) 3.39054c(14012008) 3.27056c(14012008)
3.15522c(14012008) 3.04438c(14012008)
3748302.8 | 3.64451c(14012008) 3.51108c(14012008) 3.38301c(14012008)
3.26009c(14012008) 3.14212c(14012008)
3748252.8 | 3.78107c(14012008) 3.63825c(14012008) 3.50137c(14012008)
3.37020c(14012008) 3.24450c(14012008)
3748202.8 | 3.92573c(14012008) 3.77262c(14012008) 3.62613c(14012008)
3.48596c(14012008) 3.35187c(14012008)
3748152.8 | 4.07929c(14012008) 3.91488c(14012008) 3.75785c(14012008)
3.60786c(14012008) 3.46460c(14012008)
3748102.8 | 4.24264c(14012008) 4.06578c(14012008) 3.89717c(14012008)
3.73640c(14012008) 3.58313c(14012008)
3748052.8 | 4.41681c(14012008) 4.22619c(14012008) 4.04481c(14012008)
3.87220c(14012008) 3.70795c(14012008)
3748002.8 | 4.60302c(14012008) 4.39713c(14012008) 4.20161c(14012008)
4.01592c(14012008) 3.83959c(14012008)
3747952.8 | 4.80266c(14012008) 4.57975c(14012008) 4.36853c(14012008)
4.16836c(14012008) 3.97868c(14012008)
3747902.8 | 5.01741c(14012008) 4.77543c(14012008) 4.54668c(14012008)
4.33040c(14012008) 4.12593c(14012008)
3747852.8 | 5.24921c(14012008) 4.98578c(14012008) 4.73737c(14012008)
4.50309c(14012008) 4.28213c(14012008)
3747802.8 | 5.50045c(14012008) 5.21274c(14012008) 4.94215c(14012008)
4.68763c(14012008) 4.44823c(14012008)
3747752.8 | 5.77397c(14012008) 5.45860c(14012008) 5.16286c(14012008)
4.88546c(14012008) 4.62529c(14012008)
3747702.8 | 6.07330c(14012008) 5.72620c(14012008) 5.40169c(14012008)
5.09826c(14012008) 4.81458c(14012008)
3747652.8 | 6.40280c(14012008) 6.01898c(14012008) 5.66135c(14012008)
5.32806c(14012008) 5.01755c(14012008)
3747602.8 | 6.76798c(14012008) 6.34127c(14012008) 5.94512c(14012008)
5.57730c(14012008) 5.23595c(14012008)
3747552.8 | 7.17593c(14012008) 6.69854c(14012008) 6.25710c(14012008)
5.84895c(14012008) 5.47182c(14012008)
3747502.8 | 7.63587c(14012008) 7.09780c(14012008) 6.60248c(14012008)
6.14665c(14012008) 5.72758c(14012008)
3747452.8 | 8.16012c(14012008) 7.54826c(14012008) 6.98786c(14012008)
6.47493c(14012008) 6.00611c(14012008)
3747402.8 | 8.76545c(14012008) 8.06217c(14012008) 7.42181c(14012008)
6.83943c(14012008) 6.31083c(14012008)
3747352.8 | 9.47535c(14012008) 8.65625c(14012008) 7.91566c(14012008)
7.24729c(14012008) 6.64577c(14012008)
3747302.8 | 10.32367c(14012008) 9.35395c(14012008) 8.48465c(14012008)
7.70758c(14012008) 7.01561c(14012008)
3747252.8 | 11.36112c(14012008) 10.18913c(14012008) 9.14978c(14012008)
8.23191c(14012008) 7.42558c(14012008)
3747202.8 | 12.66730c(14012008) 11.21282c(14012008) 9.94078c(14012008)
8.83516c(14012008) 7.88114c(14012008)
3747152.8 | 14.37511c(14012008) 12.50593c(14012008) 10.90113c(14012008)
9.53616c(14012008) 8.38690c(14012008)
3747102.8 | 16.72618c(14012008) 14.20609c(14012008) 12.09682c(14012008)
10.35765c(14012008) 8.94393c(14012008)
3747052.8 | 20.21568c(14012008) 16.57051c(14012008) 13.70299c(12020624)
11.33589c(12020624) 9.54331c(14012008)
3747002.8 | 26.05591c(14012008) 20.28726c(12020624) 15.85755c(12020624)
12.43858c(14012008) 10.15161c(14012008)
3746952.8 | 38.26015c(12020624) 26.82549c(12020624) 18.65219c(12020624)
13.63411c(14012008) 10.68315c(14012008)
3746902.8 | 23.32220c(14012008) 23.38162c(14012008) 21.99501c(14012008)
14.58195c(14012008) 10.97082c(14012008)

FF *** AERMOD - VERSION 22112 ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS ***   07/06/23

*** AERMET - VERSION 16216 ***

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 409043.32	409093.32	409143.32	409193.32	409243.32
3746852.8	18.83148c(14012008)	21.51064c(14012008)	23.31767c(14012008)	14.54496c(14012008)	10.81213c(14012008)
3746802.8	37.93080c(14012008)	30.70259c(14012008)	18.92566c(14012008)	13.18723c(14012008)	10.16100c(14012008)
3746752.8	20.54398c(14012008)	17.99951c(14012008)	14.31450c(14012008)	11.31231c(14012008)	9.21999c(14012008)
3746702.8	14.35903c(14012008)	13.04449c(14012008)	11.31066c(14012008)	9.63237c(14012008)	8.23794c(14012008)
3746652.8	11.15880c(14012008)	10.34941c(14012008)	9.34050c(14012008)	8.30028c(14012008)	7.34826c(14012008)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGH VALUE IS 74.12127	ON 12052806:	AT (407443.32, 3748002.85, 0.00, 0.00, 0.00)	GC	UCART1

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

*** 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)	NETWORK OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	65.50352c ON 14012008:	AT (407443.32, 3748002.85, 0.00, 0.00, 0.00)	GC	UCART1

*** 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 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 NOX\14635 OPS
I-5 NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID NOX
   RUNORNOT RUN
   ERRORFIL "14635 OPS I-5 NOX.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.227
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   406477.947 3748705.987 0.0
   LOCATION L0000002     VOLUME   406518.441 3748667.306 0.0
   LOCATION L0000003     VOLUME   406558.064 3748627.756 0.0
   LOCATION L0000004     VOLUME   406596.623 3748587.146 0.0
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   LOCATION L0000005     VOLUME   406635.182 3748546.536 0.0
   LOCATION L0000006     VOLUME   406673.802 3748505.983 0.0
   LOCATION L0000007     VOLUME   406712.502 3748465.508 0.0
   LOCATION L0000008     VOLUME   406751.203 3748425.032 0.0
   LOCATION L0000009     VOLUME   406789.903 3748384.557 0.0
   LOCATION L0000010     VOLUME   406834.559 3748350.839 0.0
   LOCATION L0000011     VOLUME   406879.580 3748317.535 0.0
   LOCATION L0000012     VOLUME   406925.917 3748286.094 0.0
   LOCATION L0000013     VOLUME   406972.347 3748254.785 0.0
   LOCATION L0000014     VOLUME   407018.777 3748223.476 0.0
   LOCATION L0000015     VOLUME   407065.206 3748192.167 0.0
   LOCATION L0000016     VOLUME   407111.636 3748160.858 0.0
   LOCATION L0000017     VOLUME   407158.066 3748129.549 0.0
   LOCATION L0000018     VOLUME   407204.496 3748098.240 0.0
   LOCATION L0000019     VOLUME   407251.187 3748067.320 0.0
   LOCATION L0000020     VOLUME   407297.885 3748036.413 0.0
   LOCATION L0000021     VOLUME   407344.583 3748005.505 0.0
   LOCATION L0000022     VOLUME   407391.281 3747974.597 0.0
   LOCATION L0000023     VOLUME   407437.979 3747943.690 0.0
   LOCATION L0000024     VOLUME   407484.677 3747912.782 0.0
   LOCATION L0000025     VOLUME   407531.375 3747881.874 0.0
   LOCATION L0000026     VOLUME   407578.074 3747850.967 0.0
   LOCATION L0000027     VOLUME   407624.772 3747820.059 0.0
   LOCATION L0000028     VOLUME   407671.470 3747789.151 0.0
   LOCATION L0000029     VOLUME   407718.168 3747758.244 0.0
   LOCATION L0000030     VOLUME   407764.848 3747727.308 0.0
   LOCATION L0000031     VOLUME   407811.380 3747696.151 0.0
   LOCATION L0000032     VOLUME   407857.912 3747664.994 0.0
   LOCATION L0000033     VOLUME   407904.444 3747633.837 0.0
   LOCATION L0000034     VOLUME   407950.976 3747602.679 0.0
   LOCATION L0000035     VOLUME   407997.508 3747571.522 0.0
   LOCATION L0000036     VOLUME   408044.040 3747540.365 0.0
   LOCATION L0000037     VOLUME   408090.572 3747509.208 0.0
   LOCATION L0000038     VOLUME   408137.104 3747478.051 0.0
   LOCATION L0000039     VOLUME   408183.019 3747446.029 0.0
   LOCATION L0000040     VOLUME   408227.637 3747412.187 0.0
   LOCATION L0000041     VOLUME   408272.255 3747378.346 0.0
   LOCATION L0000042     VOLUME   408316.873 3747344.504 0.0
   LOCATION L0000043     VOLUME   408361.491 3747310.663 0.0
   LOCATION L0000044     VOLUME   408405.610 3747276.180 0.0
   LOCATION L0000045     VOLUME   408449.381 3747241.250 0.0
   LOCATION L0000046     VOLUME   408493.151 3747206.320 0.0
   LOCATION L0000047     VOLUME   408536.922 3747171.389 0.0
   LOCATION L0000048     VOLUME   408580.782 3747136.572 0.0
   LOCATION L0000049     VOLUME   408626.336 3747104.196 0.0
   LOCATION L0000050     VOLUME   408674.468 3747075.573 0.0
   LOCATION L0000051     VOLUME   408722.601 3747046.950 0.0
   LOCATION L0000052     VOLUME   408770.733 3747018.327 0.0
   LOCATION L0000053     VOLUME   408818.865 3746989.704 0.0
   LOCATION L0000054     VOLUME   408866.997 3746961.081 0.0
   LOCATION L0000055     VOLUME   408915.303 3746932.774 0.0
   LOCATION L0000056     VOLUME   408965.258 3746907.466 0.0
   LOCATION L0000057     VOLUME   409015.214 3746882.158 0.0
   LOCATION L0000058     VOLUME   409065.169 3746856.850 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000002     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000003     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000004     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000005     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000006     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000007     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000008     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000009     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000010     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000011     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000012     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000013     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000014     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000016     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000017     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000018     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000019     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000020     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000021     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000022     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000024     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000031     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000032     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000034     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000040     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000041     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000044     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000045     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000047     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000048     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000049     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000050     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000051     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000052     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000053     0.0039137931      3.49     26.05      3.25
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   SRCPARAM L0000055     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000056     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000057     0.0039137931      3.49     26.05      3.25
   SRCPARAM L0000058     0.0039137931      3.49     26.05      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 406293.32 60 50.00 3746652.85 45 50.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
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ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	20	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	30	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00

HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00

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                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
   GRIDCART UCART1 END
RE FINISHED
**
****************************************
** AERMOD METEOROLOGY PATHWAY
****************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "14635 OPS I-5 NOX.AD\01H1GALL.PLT" 31
   SUMMFILE "14635 OPS I-5 NOX.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    1107       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1107       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        21:09:59

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: NOX

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

 **This Run Includes:     58 Source(s);       1 Source Group(s); and    2700 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 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:  16216

 **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) =    29.00 ;  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:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 OPS I-5
 NOX.ERR
 **File for Summary of Results:   14635 OPS I-5
 NOX.SUM
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       21:09:59

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000001         0   0.39138E-02  406477.9 3748706.0     0.0     3.49    26.05     3.25
 YES
 L0000002         0   0.39138E-02  406518.4 3748667.3     0.0     3.49    26.05     3.25
 YES
 L0000003         0   0.39138E-02  406558.1 3748627.8     0.0     3.49    26.05     3.25
 YES
 L0000004         0   0.39138E-02  406596.6 3748587.1     0.0     3.49    26.05     3.25
 YES
 L0000005         0   0.39138E-02  406635.2 3748546.5     0.0     3.49    26.05     3.25
```

YES
L0000006 0 0.39138E-02 406673.8 3748506.0 0.0 3.49 26.05 3.25
YES
L0000007 0 0.39138E-02 406712.5 3748465.5 0.0 3.49 26.05 3.25
YES
L0000008 0 0.39138E-02 406751.2 3748425.0 0.0 3.49 26.05 3.25
YES
L0000009 0 0.39138E-02 406789.9 3748384.6 0.0 3.49 26.05 3.25
YES
L0000010 0 0.39138E-02 406834.6 3748350.8 0.0 3.49 26.05 3.25
YES
L0000011 0 0.39138E-02 406879.6 3748317.5 0.0 3.49 26.05 3.25
YES
L0000012 0 0.39138E-02 406925.9 3748286.1 0.0 3.49 26.05 3.25
YES
L0000013 0 0.39138E-02 406972.3 3748254.8 0.0 3.49 26.05 3.25
YES
L0000014 0 0.39138E-02 407018.8 3748223.5 0.0 3.49 26.05 3.25
YES
L0000015 0 0.39138E-02 407065.2 3748192.2 0.0 3.49 26.05 3.25
YES
L0000016 0 0.39138E-02 407111.6 3748160.9 0.0 3.49 26.05 3.25
YES
L0000017 0 0.39138E-02 407158.1 3748129.5 0.0 3.49 26.05 3.25
YES
L0000018 0 0.39138E-02 407204.5 3748098.2 0.0 3.49 26.05 3.25
YES
L0000019 0 0.39138E-02 407251.2 3748067.3 0.0 3.49 26.05 3.25
YES
L0000020 0 0.39138E-02 407297.9 3748036.4 0.0 3.49 26.05 3.25
YES
L0000021 0 0.39138E-02 407344.6 3748005.5 0.0 3.49 26.05 3.25
YES
L0000022 0 0.39138E-02 407391.3 3747974.6 0.0 3.49 26.05 3.25
YES
L0000023 0 0.39138E-02 407438.0 3747943.7 0.0 3.49 26.05 3.25
YES
L0000024 0 0.39138E-02 407484.7 3747912.8 0.0 3.49 26.05 3.25
YES
L0000025 0 0.39138E-02 407531.4 3747881.9 0.0 3.49 26.05 3.25
YES
L0000026 0 0.39138E-02 407578.1 3747851.0 0.0 3.49 26.05 3.25
YES
L0000027 0 0.39138E-02 407624.8 3747820.1 0.0 3.49 26.05 3.25
YES
L0000028 0 0.39138E-02 407671.5 3747789.2 0.0 3.49 26.05 3.25
YES
L0000029 0 0.39138E-02 407718.2 3747758.2 0.0 3.49 26.05 3.25
YES
L0000030 0 0.39138E-02 407764.8 3747727.3 0.0 3.49 26.05 3.25
YES
L0000031 0 0.39138E-02 407811.4 3747696.2 0.0 3.49 26.05 3.25
YES
L0000032 0 0.39138E-02 407857.9 3747665.0 0.0 3.49 26.05 3.25
YES
L0000033 0 0.39138E-02 407904.4 3747633.8 0.0 3.49 26.05 3.25
YES
L0000034 0 0.39138E-02 407951.0 3747602.7 0.0 3.49 26.05 3.25
YES
L0000035 0 0.39138E-02 407997.5 3747571.5 0.0 3.49 26.05 3.25
YES
L0000036 0 0.39138E-02 408044.0 3747540.4 0.0 3.49 26.05 3.25
YES
L0000037 0 0.39138E-02 408090.6 3747509.2 0.0 3.49 26.05 3.25
YES
L0000038 0 0.39138E-02 408137.1 3747478.1 0.0 3.49 26.05 3.25

YES
L0000039 0 0.39138E-02 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.39138E-02 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000041	0	0.39138E-02	408272.3	3747378.3	0.0	3.49	26.05	3.25
YES								
L0000042	0	0.39138E-02	408316.9	3747344.5	0.0	3.49	26.05	3.25
YES								
L0000043	0	0.39138E-02	408361.5	3747310.7	0.0	3.49	26.05	3.25
YES								
L0000044	0	0.39138E-02	408405.6	3747276.2	0.0	3.49	26.05	3.25
YES								
L0000045	0	0.39138E-02	408449.4	3747241.2	0.0	3.49	26.05	3.25
YES								
L0000046	0	0.39138E-02	408493.2	3747206.3	0.0	3.49	26.05	3.25
YES								
L0000047	0	0.39138E-02	408536.9	3747171.4	0.0	3.49	26.05	3.25
YES								
L0000048	0	0.39138E-02	408580.8	3747136.6	0.0	3.49	26.05	3.25
YES								
L0000049	0	0.39138E-02	408626.3	3747104.2	0.0	3.49	26.05	3.25
YES								
L0000050	0	0.39138E-02	408674.5	3747075.6	0.0	3.49	26.05	3.25
YES								
L0000051	0	0.39138E-02	408722.6	3747046.9	0.0	3.49	26.05	3.25
YES								
L0000052	0	0.39138E-02	408770.7	3747018.3	0.0	3.49	26.05	3.25
YES								
L0000053	0	0.39138E-02	408818.9	3746989.7	0.0	3.49	26.05	3.25
YES								
L0000054	0	0.39138E-02	408867.0	3746961.1	0.0	3.49	26.05	3.25
YES								
L0000055	0	0.39138E-02	408915.3	3746932.8	0.0	3.49	26.05	3.25
YES								
L0000056	0	0.39138E-02	408965.3	3746907.5	0.0	3.49	26.05	3.25
YES								
L0000057	0	0.39138E-02	409015.2	3746882.2	0.0	3.49	26.05	3.25
YES								
L0000058	0	0.39138E-02	409065.2	3746856.8	0.0	3.49	26.05	3.25
YES								

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3010232.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3, 406343.3, 406393.3, 406443.3, 406493.3, 406543.3, 406593.3, 406643.3,
406693.3, 406743.3,
406793.3, 406843.3, 406893.3, 406943.3, 406993.3, 407043.3, 407093.3, 407143.3,
407193.3, 407243.3,
407293.3, 407343.3, 407393.3, 407443.3, 407493.3, 407543.3, 407593.3, 407643.3,
407693.3, 407743.3,
407793.3, 407843.3, 407893.3, 407943.3, 407993.3, 408043.3, 408093.3, 408143.3,
408193.3, 408243.3,
408293.3, 408343.3, 408393.3, 408443.3, 408493.3, 408543.3, 408593.3, 408643.3,
408693.3, 408743.3,
408793.3, 408843.3, 408893.3, 408943.3, 408993.3, 409043.3, 409093.3, 409143.3,
409193.3, 409243.3,

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8, 3746702.8, 3746752.8, 3746802.8, 3746852.8, 3746902.8, 3746952.8, 3747002.8,
3747052.8, 3747102.8,
3747152.8, 3747202.8, 3747252.8, 3747302.8, 3747352.8, 3747402.8, 3747452.8, 3747502.8,
3747552.8, 3747602.8,
3747652.8, 3747702.8, 3747752.8, 3747802.8, 3747852.8, 3747902.8, 3747952.8, 3748002.8,
3748052.8, 3748102.8,
3748152.8, 3748202.8, 3748252.8, 3748302.8, 3748352.8, 3748402.8, 3748452.8, 3748502.8,
3748552.8, 3748602.8,
3748652.8, 3748702.8, 3748752.8, 3748802.8, 3748852.8,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
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3747402.85 | 0.00 0.00 0.00 0.00 0.00
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3747352.85 | 0.00 0.00 0.00 0.00 0.00
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3747302.85 | 0.00 0.00 0.00 0.00 0.00
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3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00

0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32 406443.32 406493.32 406543.32
406593.32 406643.32 406693.32
- - - -

0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
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3748252.85 | 0.00 0.00 0.00 0.00 0.00
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3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
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3748102.85 | 0.00 0.00 0.00 0.00 0.00
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3748052.85 | 0.00 0.00 0.00 0.00 0.00
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3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
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3747402.85 | 0.00 0.00 0.00 0.00 0.00
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3747352.85 | 0.00 0.00 0.00 0.00 0.00
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3747302.85 | 0.00 0.00 0.00 0.00 0.00
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3747252.85 | 0.00 0.00 0.00 0.00 0.00
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3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	

0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
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3748152.85 | 0.00 0.00 0.00 0.00 0.00
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3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
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3747252.85 | 0.00 0.00 0.00 0.00 0.00
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3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00

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 0.00         0.00         0.00         0.00
 3748302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:09:59

                      PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	

0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)

(METERS) | 408093.32 408143.32 408193.32 408243.32 408293.32 408343.32
408393.32 408443.32 408493.32
- - - -

 0.00   0.00   0.00   0.00
 3748002.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747952.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747902.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747852.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747802.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747752.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747702.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747652.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747602.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747552.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747502.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747452.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747402.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747352.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747302.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747252.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747202.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747152.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747102.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747052.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747002.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746952.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746902.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 408543.32   408593.32   408643.32   408693.32   408743.32   408793.32
    408843.32   408893.32   408943.32
 - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				

- - - -

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

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 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       21:09:59

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     407193.32    407243.32    407293.32    407343.32    407393.32    407443.32
   407493.32    407543.32    407593.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408093.32 408143.32 408193.32 408243.32 408293.32 408343.32
408393.32 408443.32 408493.32
- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32	408843.32	408893.32	408943.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:09:59

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     408543.32    408593.32    408643.32    408693.32    408743.32    408793.32
    408843.32    408893.32    408943.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:09:59

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     408993.32    409043.32    409093.32    409143.32    409193.32    409243.32
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98

L0000020	407293.3	3748052.8	-38.95
L0000020	407343.3	3748052.8	-7.69
L0000021	407343.3	3747952.8	-3.34
L0000021	407293.3	3748002.8	-4.68
L0000021	407343.3	3748002.8	-53.07
L0000021	407393.3	3748002.8	-7.20
L0000021	407343.3	3748052.8	-8.65
L0000022	407343.3	3747952.8	-3.35
L0000022	407393.3	3747952.8	-34.17
L0000022	407443.3	3747952.8	0.39
L0000022	407343.3	3748002.8	-0.34
L0000022	407393.3	3748002.8	-27.68
L0000023	407443.3	3747902.8	-14.82
L0000023	407393.3	3747952.8	-10.42
L0000023	407443.3	3747952.8	-45.40
L0000023	407493.3	3747952.8	0.09
L0000024	407443.3	3747902.8	-13.47
L0000024	407493.3	3747902.8	-42.84
L0000024	407493.3	3747952.8	-15.02
L0000025	407493.3	3747852.8	-8.15
L0000025	407543.3	3747852.8	-24.62
L0000025	407493.3	3747902.8	-12.55
L0000025	407543.3	3747902.8	-31.87
L0000026	407593.3	3747802.8	-5.53
L0000026	407543.3	3747852.8	-21.20
L0000026	407593.3	3747852.8	-40.65
L0000026	407593.3	3747902.8	-1.93
L0000027	407593.3	3747802.8	-20.16
L0000027	407643.3	3747802.8	-30.71
L0000027	407593.3	3747852.8	-10.57
L0000027	407643.3	3747852.8	-18.33
L0000028	407643.3	3747752.8	-10.07
L0000028	407693.3	3747752.8	-13.64
L0000028	407643.3	3747802.8	-24.70
L0000028	407693.3	3747802.8	-30.22
L0000029	407693.3	3747752.8	-30.58
L0000029	407743.3	3747752.8	-30.28
L0000029	407693.3	3747802.8	-4.95

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57

L0000032	407843.3	3747702.8	-15.44
L0000032	407893.3	3747702.8	-4.17
L0000033	407893.3	3747602.8	-23.08
L0000033	407943.3	3747602.8	-6.29
L0000033	407893.3	3747652.8	-33.98
L0000033	407943.3	3747652.8	-12.73
L0000034	407943.3	3747552.8	-5.59
L0000034	407943.3	3747602.8	-48.35
L0000034	407993.3	3747602.8	-13.66
L0000034	407943.3	3747652.8	-5.26
L0000035	407993.3	3747552.8	-36.87
L0000035	408043.3	3747552.8	-6.54
L0000035	407993.3	3747602.8	-24.40
L0000035	408043.3	3747602.8	-0.51
L0000036	408043.3	3747502.8	-18.49
L0000036	407993.3	3747552.8	-3.77
L0000036	408043.3	3747552.8	-43.50
L0000036	408093.3	3747552.8	-5.17
L0000037	408093.3	3747452.8	0.42
L0000037	408043.3	3747502.8	-8.33
L0000037	408093.3	3747502.8	-49.08
L0000037	408143.3	3747502.8	-2.88
L0000037	408093.3	3747552.8	-12.28
L0000038	408093.3	3747452.8	-5.49
L0000038	408143.3	3747452.8	-30.05
L0000038	408093.3	3747502.8	-5.69
L0000038	408143.3	3747502.8	-30.44
L0000039	408193.3	3747402.8	-11.62
L0000039	408143.3	3747452.8	-15.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64
L0000044	408443.3	3747252.8	-11.66
L0000044	408393.3	3747302.8	-26.64

L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13
L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000049	408643.3	3747152.8	-4.47
L0000050	408643.3	3747052.8	-17.45
L0000050	408693.3	3747052.8	-26.48
L0000050	408643.3	3747102.8	-14.60
L0000050	408693.3	3747102.8	-22.85
L0000051	408693.3	3747002.8	-3.07
L0000051	408743.3	3747002.8	-7.28
L0000051	408693.3	3747052.8	-26.14
L0000051	408743.3	3747052.8	-34.46
L0000052	408743.3	3747002.8	-24.53
L0000052	408793.3	3747002.8	-28.63
L0000052	408743.3	3747052.8	-11.92
L0000052	408793.3	3747052.8	-14.75
L0000053	408793.3	3746952.8	-11.17
L0000053	408843.3	3746952.8	-11.78
L0000053	408793.3	3747002.8	-27.28
L0000053	408843.3	3747002.8	-28.24
L0000054	408843.3	3746952.8	-30.94
L0000054	408893.3	3746952.8	-28.43
L0000054	408843.3	3747002.8	-7.99
L0000054	408893.3	3747002.8	-6.64
L0000055	408893.3	3746902.8	-18.88
L0000055	408943.3	3746902.8	-15.01
L0000055	408893.3	3746952.8	-26.24
L0000055	408943.3	3746952.8	-21.54
L0000056	408943.3	3746902.8	-33.59
L0000056	408993.3	3746902.8	-27.57
L0000056	408943.3	3746952.8	-5.60
L0000056	408993.3	3746952.8	-2.65

L0000057	408993.3	3746852.8	-19.42
L0000057	409043.3	3746852.8	-15.40
L0000057	408993.3	3746902.8	-25.88
L0000057	409043.3	3746902.8	-21.11
L0000058	409043.3	3746852.8	-33.80
L0000058	409093.3	3746852.8	-27.57
L0000058	409043.3	3746902.8	-5.08
L0000058	409093.3	3746902.8	-2.08

*** 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 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,

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

Surface file:
KFUL_V9_ADJU\KFUL_V9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	283.8	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32
3748852.8	1.31050 (13032208)	1.38712 (13032208)	1.91709 (14062706)	1.88736 (14062706)	1.57160 (13041407)
3748802.8	1.39648 (13032208)	1.80452 (13032208)	2.17369 (14062706)	2.94370 (14062706)	2.30753 (13041407)
3748752.8	1.65980 (13052506)	2.01635 (13052506)	2.82862 (13032208)	4.56532 (14062706)	3.25040 (14062706)
3748702.8	1.76449 (13052506)	2.33697 (13052506)	3.52120 (13052506)	3.17306 (13032208)	2.80622 (14062706)
3748652.8	1.54288 (13052506)	1.93773 (13052506)	2.65087 (13052506)	4.36963 (13052506)	3.77268 (13052506)
3748602.8	1.34888 (13052506)	1.61769 (13052506)	2.03528 (12052806)	2.99475 (12052806)	4.84692 (12052806)
3748552.8	1.20654 (13052506)	1.41461 (13052506)	1.80579 (12052806)	2.42004 (12052806)	3.41223 (12052806)
3748502.8	1.08585 (12052806)	1.30908 (12052806)	1.61647 (12052806)	2.04901 (12052806)	2.68042 (12052806)
3748452.8	1.03262 (12052806)	1.21810 (12052806)	1.46097 (12052806)	1.78415 (12052806)	2.22588 (12052806)
3748402.8	0.97905 (12052806)	1.13478 (12052806)	1.33135 (12052806)	1.58261 (12052806)	1.91035 (12052806)
3748352.8	0.92728 (12052806)	1.05938 (12052806)	1.22148 (12052806)	1.42239 (12052806)	1.67529 (12052806)
3748302.8	0.87822 (12052806)	0.99133 (12052806)	1.12699 (12052806)	1.29101 (12052806)	1.49164 (12052806)
3748252.8	0.83223 (12052806)	0.92986 (12052806)	1.04478 (12052806)	1.18086 (12052806)	1.34338 (12052806)
3748202.8	0.78934 (12052806)	0.87425 (12052806)	0.97259 (12052806)	1.08698 (12052806)	1.22087 (12052806)
3748152.8	0.74948 (12052806)	0.82381 (12052806)	0.90871 (12052806)	1.00599 (12052806)	1.11791 (12052806)
3748102.8	0.71249 (12052806)	0.77796 (12052806)	0.85185 (12052806)	0.93541 (12052806)	1.03017 (12052806)
3748052.8	0.67816 (12052806)	0.73617 (12052806)	0.80095 (12052806)	0.87341 (12052806)	0.95456 (12052806)
3748002.8	0.64632 (12052806)	0.69799 (12052806)	0.75517 (12052806)	0.81852 (12052806)	0.88875 (12052806)
3747952.8	0.61675 (12052806)	0.66301 (12052806)	0.71381 (12052806)		

0.76961 (12052806) 0.83094 (12052806)
3747902.8 | 0.58926 (12052806) 0.63087 (12052806) 0.67626 (12052806)
0.72576 (12052806) 0.77977 (12052806)
3747852.8 | 0.56367 (12052806) 0.60127 (12052806) 0.64204 (12052806)
0.68623 (12052806) 0.73413 (12052806)
3747802.8 | 0.53981 (12052806) 0.57393 (12052806) 0.61072 (12052806)
0.65039 (12052806) 0.69316 (12052806)
3747752.8 | 0.51753 (12052806) 0.54860 (12052806) 0.58196 (12052806)
0.61776 (12052806) 0.65616 (12052806)
3747702.8 | 0.49668 (12052806) 0.52508 (12052806) 0.55545 (12052806)
0.58790 (12052806) 0.62257 (12052806)
3747652.8 | 0.47713 (12052806) 0.50318 (12052806) 0.53093 (12052806)
0.56047 (12052806) 0.59191 (12052806)
3747602.8 | 0.45878 (12052806) 0.48274 (12052806) 0.50818 (12052806)
0.53517 (12052806) 0.56381 (12052806)
3747552.8 | 0.44152 (12052806) 0.46362 (12052806) 0.48701 (12052806)
0.51176 (12052806) 0.53794 (12052806)
3747502.8 | 0.42526 (12052806) 0.44569 (12052806) 0.46726 (12052806)
0.49002 (12052806) 0.51404 (12052806)
3747452.8 | 0.40990 (12052806) 0.42884 (12052806) 0.44879 (12052806)
0.46978 (12052806) 0.49187 (12052806)
3747402.8 | 0.39539 (12052806) 0.41298 (12052806) 0.43147 (12052806)
0.45088 (12052806) 0.47126 (12052806)
3747352.8 | 0.38165 (12052806) 0.39802 (12052806) 0.41519 (12052806)
0.43318 (12052806) 0.45203 (12052806)
3747302.8 | 0.36861 (12052806) 0.38388 (12052806) 0.39986 (12052806)
0.41657 (12052806) 0.43404 (12052806)
3747252.8 | 0.35624 (12052806) 0.37050 (12052806) 0.38539 (12052806)
0.40094 (12052806) 0.41718 (12052806)
3747202.8 | 0.34447 (12052806) 0.35781 (12052806) 0.37172 (12052806)
0.38622 (12052806) 0.40133 (12052806)
3747152.8 | 0.33327 (12052806) 0.34576 (12052806) 0.35877 (12052806)
0.37231 (12052806) 0.38640 (12052806)
3747102.8 | 0.32260 (12052806) 0.33431 (12052806) 0.34649 (12052806)
0.35915 (12052806) 0.37231 (12052806)
3747052.8 | 0.31241 (12052806) 0.32341 (12052806) 0.33483 (12052806)
0.34669 (12052806) 0.35899 (12052806)
3747002.8 | 0.30268 (12052806) 0.31302 (12052806) 0.32374 (12052806)
0.33486 (12052806) 0.34638 (12052806)
3746952.8 | 0.29337 (12052806) 0.30311 (12052806) 0.31318 (12052806)
0.32362 (12052806) 0.33441 (12052806)
3746902.8 | 0.28447 (12052806) 0.29364 (12052806) 0.30312 (12052806)
0.31292 (12052806) 0.32305 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

```
 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       406293.32              406343.32              406393.32
 406443.32              406493.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3746852.8 |      0.27594 (12052806)      0.28458 (12052806)      0.29351 (12052806)
0.30273 (12052806)      0.31225 (12052806)
3746802.8 |      0.26776 (12052806)      0.27592 (12052806)      0.28433 (12052806)
0.29301 (12052806)      0.30196 (12052806)
3746752.8 |      0.25992 (12052806)      0.26762 (12052806)      0.27555 (12052806)
0.28373 (12052806)      0.29215 (12052806)
3746702.8 |      0.25239 (12052806)      0.25966 (12052806)      0.26715 (12052806)
0.27486 (12052806)      0.28279 (12052806)
3746652.8 |      0.24515 (12052806)      0.25203 (12052806)      0.25910 (12052806)
0.26638 (12052806)      0.27385 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:09:59

                     PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       406543.32              406593.32              406643.32
 406693.32              406743.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3748852.8 |      1.55545 (14120316)      1.46955 (14120316)      1.32835 (12052806)
1.24976 (12052806)      1.17491 (12052806)
3748802.8 |      2.34470 (14120316)      1.91953 (14120316)      1.67053 (12052806)
1.51716 (12052806)      1.38948 (12052806)
3748752.8 |      3.70129 (14120316)      2.60705 (12052806)      2.17905 (12052806)
1.88381 (12052806)      1.66837 (12052806)
3748702.8 |      3.82506 (12052806)      3.97877 (12052806)      2.96242 (12052806)
2.39808 (12052806)      2.03674 (12052806)
3748652.8 |      3.32952 (14062706)      4.41102 (12052806)      4.27790 (12052806)
3.15529 (12052806)      2.53883 (12052806)
3748602.8 |      3.53691 (13041207)      3.89501 (14062706)      3.21978 (12052806)
4.40150 (12052806)      3.26764 (12052806)
3748552.8 |      5.28180 (12052806)      3.46860 (12052806)      4.23362 (12052806)
4.96197 (12052806)      4.46130 (12052806)
3748502.8 |      3.68224 (12052806)      5.60840 (12052806)      3.67836 (12052806)
3.90553 (12052806)      4.78666 (12052806)
3748452.8 |      2.86204 (12052806)      3.87533 (12052806)      5.84557 (12052806)
4.42754 (13052506)      3.89651 (12052806)
3748402.8 |      2.35338 (12052806)      2.99085 (12052806)      4.01461 (12052806)
```

6.03313 (12052806) 4.29015 (13041207)
3748352.8 | 2.00182 (12052806) 2.44127 (12052806) 3.07371 (12052806)
4.09232 (12052806) 4.74100 (13041207)
3748302.8 | 1.74153 (12052806) 2.06152 (12052806) 2.48855 (12052806)
3.09394 (12052806) 4.02735 (12052806)
3748252.8 | 1.53992 (12052806) 1.78195 (12052806) 2.08744 (12052806)
2.48563 (12052806) 3.02565 (12052806)
3748202.8 | 1.37890 (12052806) 1.56756 (12052806) 1.79612 (12052806)
2.07809 (12052806) 2.43376 (12052806)
3748152.8 | 1.24737 (12052806) 1.39821 (12052806) 1.57552 (12052806)
1.78626 (12052806) 2.04024 (12052806)
3748102.8 | 1.13800 (12052806) 1.26123 (12052806) 1.40289 (12052806)
1.56687 (12052806) 1.75850 (12052806)
3748052.8 | 1.04567 (12052806) 1.14823 (12052806) 1.26412 (12052806)
1.39572 (12052806) 1.54617 (12052806)
3748002.8 | 0.96671 (12052806) 1.05342 (12052806) 1.15010 (12052806)
1.25828 (12052806) 1.37996 (12052806)
3747952.8 | 0.89841 (12052806) 0.97270 (12052806) 1.05466 (12052806)
1.14532 (12052806) 1.24602 (12052806)
3747902.8 | 0.83871 (12052806) 0.90310 (12052806) 0.97352 (12052806)
1.05070 (12052806) 1.13558 (12052806)
3747852.8 | 0.78607 (12052806) 0.84242 (12052806) 0.90361 (12052806)
0.97018 (12052806) 1.04278 (12052806)
3747802.8 | 0.73928 (12052806) 0.78901 (12052806) 0.84270 (12052806)
0.90074 (12052806) 0.96361 (12052806)
3747752.8 | 0.69737 (12052806) 0.74160 (12052806) 0.78910 (12052806)
0.84017 (12052806) 0.89517 (12052806)
3747702.8 | 0.65961 (12052806) 0.69920 (12052806) 0.74152 (12052806)
0.78681 (12052806) 0.83535 (12052806)
3747652.8 | 0.62538 (12052806) 0.66101 (12052806) 0.69896 (12052806)
0.73940 (12052806) 0.78256 (12052806)
3747602.8 | 0.59419 (12052806) 0.62642 (12052806) 0.66063 (12052806)
0.69696 (12052806) 0.73559 (12052806)
3747552.8 | 0.56563 (12052806) 0.59492 (12052806) 0.62591 (12052806)
0.65871 (12052806) 0.69348 (12052806)
3747502.8 | 0.53937 (12052806) 0.56609 (12052806) 0.59428 (12052806)
0.62404 (12052806) 0.65549 (12052806)
3747452.8 | 0.51512 (12052806) 0.53959 (12052806) 0.56534 (12052806)
0.59245 (12052806) 0.62102 (12052806)
3747402.8 | 0.49266 (12052806) 0.51513 (12052806) 0.53873 (12052806)
0.56352 (12052806) 0.58957 (12052806)
3747352.8 | 0.47179 (12052806) 0.49248 (12052806) 0.51417 (12052806)
0.53691 (12052806) 0.56075 (12052806)
3747302.8 | 0.45232 (12052806) 0.47144 (12052806) 0.49143 (12052806)
0.51234 (12052806) 0.53423 (12052806)
3747252.8 | 0.43413 (12052806) 0.45182 (12052806) 0.47029 (12052806)
0.48958 (12052806) 0.50973 (12052806)
3747202.8 | 0.41708 (12052806) 0.43349 (12052806) 0.45059 (12052806)
0.46843 (12052806) 0.48702 (12052806)
3747152.8 | 0.40106 (12052806) 0.41631 (12052806) 0.43218 (12052806)
0.44870 (12052806) 0.46590 (12052806)
3747102.8 | 0.38598 (12052806) 0.40018 (12052806) 0.41493 (12052806)
0.43027 (12052806) 0.44621 (12052806)
3747052.8 | 0.37175 (12052806) 0.38499 (12052806) 0.39873 (12052806)
0.41299 (12052806) 0.42779 (12052806)
3747002.8 | 0.35831 (12052806) 0.37068 (12052806) 0.38349 (12052806)
0.39677 (12052806) 0.41053 (12052806)
3746952.8 | 0.34559 (12052806) 0.35715 (12052806) 0.36911 (12052806)
0.38150 (12052806) 0.39431 (12052806)
3746902.8 | 0.33353 (12052806) 0.34435 (12052806) 0.35554 (12052806)
0.36710 (12052806) 0.37905 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406543.32	406593.32	406643.32	406693.32	406743.32
3746852.8	0.32207 (12052806)	0.33222 (12052806)	0.34269 (12052806)	0.35350 (12052806)	0.36465 (12052806)
3746802.8	0.31119 (12052806)	0.32070 (12052806)	0.33051 (12052806)	0.34063 (12052806)	0.35106 (12052806)
3746752.8	0.30083 (12052806)	0.30976 (12052806)	0.31896 (12052806)	0.32843 (12052806)	0.33819 (12052806)
3746702.8	0.29095 (12052806)	0.29935 (12052806)	0.30798 (12052806)	0.31687 (12052806)	0.32600 (12052806)
3746652.8	0.28153 (12052806)	0.28943 (12052806)	0.29754 (12052806)	0.30587 (12052806)	0.31444 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406793.32	406843.32	406893.32	406943.32	406993.32
3748852.8	1.10678 (12052806)	1.04581 (12052806)	0.99153 (12052806)		

0.94313 (12052806) 0.89979 (12052806)
3748802.8 | 1.28331 (12052806) 1.19431 (12052806) 1.11887 (12052806)
1.05412 (12052806) 0.99787 (12052806)
3748752.8 | 1.50435 (12052806) 1.37530 (12052806) 1.27100 (12052806)
1.18476 (12052806) 1.11199 (12052806)
3748702.8 | 1.78456 (12052806) 1.59816 (12052806) 1.45445 (12052806)
1.33987 (12052806) 1.24590 (12052806)
3748652.8 | 2.14781 (12052806) 1.87739 (12052806) 1.67894 (12052806)
1.52650 (12052806) 1.40499 (12052806)
3748602.8 | 2.63816 (12052806) 2.23763 (12052806) 1.96020 (12052806)
1.75573 (12052806) 1.59753 (12052806)
3748552.8 | 3.34826 (12052806) 2.72502 (12052806) 2.32595 (12052806)
2.04626 (12052806) 1.83695 (12052806)
3748502.8 | 4.50943 (12052806) 3.43734 (12052806) 2.83050 (12052806)
2.43266 (12052806) 2.14674 (12052806)
3748452.8 | 4.87740 (12052806) 4.62794 (12052806) 3.59931 (12052806)
2.98679 (12052806) 2.57166 (12052806)
3748402.8 | 4.22513 (12052806) 3.68804 (12052806) 5.00725 (12052806)
3.88445 (12052806) 3.20777 (12052806)
3748352.8 | 3.82512 (12052806) 4.41299 (12052806) 5.55767 (12052806)
5.69241 (12052806) 4.30481 (12052806)
3748302.8 | 5.64690 (12052806) 4.27197 (13052506) 4.11590 (12052806)
4.29552 (12052806) 4.89064 (12052806)
3748252.8 | 3.79937 (12052806) 5.02734 (12052806) 5.05378 (12052806)
4.20318 (13052506) 4.16074 (12052806)
3748202.8 | 2.89647 (12052806) 3.52887 (12052806) 4.46798 (12052806)
6.09863 (12052806) 4.80188 (13052506)
3748152.8 | 2.35232 (12052806) 2.74734 (12052806) 3.27111 (12052806)
4.01835 (12052806) 5.21666 (12052806)
3748102.8 | 1.98546 (12052806) 2.25966 (12052806) 2.60086 (12052806)
3.04418 (12052806) 3.65706 (12052806)
3748052.8 | 1.71986 (12052806) 1.92326 (12052806) 2.16634 (12052806)
2.46517 (12052806) 2.84685 (12052806)
3748002.8 | 1.51784 (12052806) 1.67574 (12052806) 1.85926 (12052806)
2.07679 (12052806) 2.34137 (12052806)
3747952.8 | 1.35852 (12052806) 1.48521 (12052806) 1.62949 (12052806)
1.79617 (12052806) 1.99229 (12052806)
3747902.8 | 1.22933 (12052806) 1.33356 (12052806) 1.45043 (12052806)
1.58290 (12052806) 1.73511 (12052806)
3747852.8 | 1.12226 (12052806) 1.20970 (12052806) 1.30656 (12052806)
1.41476 (12052806) 1.53689 (12052806)
3747802.8 | 1.03192 (12052806) 1.10644 (12052806) 1.18819 (12052806)
1.27846 (12052806) 1.37896 (12052806)
3747752.8 | 0.95456 (12052806) 1.01889 (12052806) 1.08890 (12052806)
1.16550 (12052806) 1.24985 (12052806)
3747702.8 | 0.88748 (12052806) 0.94363 (12052806) 1.00431 (12052806)
1.07020 (12052806) 1.14212 (12052806)
3747652.8 | 0.82870 (12052806) 0.87814 (12052806) 0.93128 (12052806)
0.98861 (12052806) 1.05073 (12052806)
3747602.8 | 0.77671 (12052806) 0.82059 (12052806) 0.86753 (12052806)
0.91789 (12052806) 0.97212 (12052806)
3747552.8 | 0.73037 (12052806) 0.76957 (12052806) 0.81132 (12052806)
0.85592 (12052806) 0.90370 (12052806)
3747502.8 | 0.68875 (12052806) 0.72398 (12052806) 0.76136 (12052806)
0.80113 (12052806) 0.84354 (12052806)
3747452.8 | 0.65115 (12052806) 0.68297 (12052806) 0.71662 (12052806)
0.75229 (12052806) 0.79019 (12052806)
3747402.8 | 0.61698 (12052806) 0.64585 (12052806) 0.67629 (12052806)
0.70846 (12052806) 0.74252 (12052806)
3747352.8 | 0.58578 (12052806) 0.61207 (12052806) 0.63973 (12052806)
0.66887 (12052806) 0.69962 (12052806)
3747302.8 | 0.55716 (12052806) 0.58119 (12052806) 0.60641 (12052806)
0.63291 (12052806) 0.66080 (12052806)
3747252.8 | 0.53080 (12052806) 0.55283 (12052806) 0.57590 (12052806)
0.60009 (12052806) 0.62548 (12052806)
3747202.8 | 0.50642 (12052806) 0.52668 (12052806) 0.54785 (12052806)

0.57000 (12052806) 0.59319 (12052806)
3747152.8 | 0.48382 (12052806) 0.50249 (12052806) 0.52196 (12052806)
0.54229 (12052806) 0.56354 (12052806)
3747102.8 | 0.46278 (12052806) 0.48003 (12052806) 0.49798 (12052806)
0.51669 (12052806) 0.53621 (12052806)
3747052.8 | 0.44316 (12052806) 0.45912 (12052806) 0.47571 (12052806)
0.49296 (12052806) 0.51093 (12052806)
3747002.8 | 0.42480 (12052806) 0.43959 (12052806) 0.45495 (12052806)
0.47090 (12052806) 0.48747 (12052806)
3746952.8 | 0.40758 (12052806) 0.42132 (12052806) 0.43556 (12052806)
0.45032 (12052806) 0.46564 (12052806)
3746902.8 | 0.39140 (12052806) 0.40418 (12052806) 0.41741 (12052806)
0.43109 (12052806) 0.44527 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406793.32	406843.32	406893.32	406943.32	406993.32
3746852.8	0.37617 (12052806)	0.38807 (12052806)	0.40037 (12052806)	0.41308 (12052806)	0.42622 (12052806)
3746802.8	0.36181 (12052806)	0.37290 (12052806)	0.38435 (12052806)	0.39616 (12052806)	0.40836 (12052806)
3746752.8	0.34824 (12052806)	0.35859 (12052806)	0.36926 (12052806)	0.38025 (12052806)	0.39159 (12052806)
3746702.8	0.33540 (12052806)	0.34507 (12052806)	0.35502 (12052806)	0.36526 (12052806)	0.37581 (12052806)
3746652.8	0.32323 (12052806)	0.33227 (12052806)	0.34156 (12052806)	0.35111 (12052806)	0.36093 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

PAGE 49
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,

L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407043.32	407093.32	407143.32	407193.32	407243.32
3748852.8	0.86072 (12052806)	0.82527 (12052806)	0.79288 (12052806)	0.76309 (12052806)	0.73552 (12052806)
3748802.8	0.94839 (12052806)	0.90438 (12052806)	0.86482 (12052806)	0.82892 (12052806)	0.79609 (12052806)
3748752.8	1.04947 (12052806)	0.99490 (12052806)	0.94660 (12052806)	0.90335 (12052806)	0.86423 (12052806)
3748702.8	1.16696 (12052806)	1.09929 (12052806)	1.04028 (12052806)	0.98809 (12052806)	0.94138 (12052806)
3748652.8	1.30514 (12052806)	1.22101 (12052806)	1.14868 (12052806)	1.08547 (12052806)	1.02948 (12052806)
3748602.8	1.47037 (12052806)	1.36506 (12052806)	1.27579 (12052806)	1.19871 (12052806)	1.13117 (12052806)
3748552.8	1.67264 (12052806)	1.53905 (12052806)	1.42750 (12052806)	1.33245 (12052806)	1.25011 (12052806)
3748502.8	1.92858 (12052806)	1.75506 (12052806)	1.61282 (12052806)	1.49352 (12052806)	1.39163 (12052806)
3748452.8	2.26767 (12052806)	2.03337 (12052806)	1.84614 (12052806)	1.69246 (12052806)	1.56361 (12052806)
3748402.8	2.74733 (12052806)	2.41053 (12052806)	2.15193 (12052806)	1.94630 (12052806)	1.77832 (12052806)
3748352.8	3.49595 (12052806)	2.95987 (12052806)	2.57539 (12052806)	2.28456 (12052806)	2.05594 (12052806)
3748302.8	4.87673 (12052806)	3.85529 (12052806)	3.21122 (12052806)	2.76371 (12052806)	2.43249 (12052806)
3748252.8	5.42434 (12052806)	5.65331 (12052806)	4.30210 (12052806)	3.50881 (12052806)	2.97977 (12052806)
3748202.8	4.15162 (12052806)	4.07708 (12052806)	4.85811 (12052806)	4.87266 (12052806)	3.86776 (12052806)
3748152.8	5.14665 (12052806)	4.82164 (13052506)	4.14719 (12052806)	3.90906 (12052806)	5.64006 (12052806)
3748102.8	4.58594 (12052806)	6.22297 (12052806)	5.77241 (12052806)	4.40073 (13052506)	4.04641 (12052806)
3748052.8	3.36042 (12052806)	4.10454 (12052806)	5.31226 (12052806)	5.43395 (13052506)	4.62641 (12052806)
3748002.8	2.67405 (12052806)	3.11102 (12052806)	3.72024 (12052806)	4.64715 (12052806)	6.26855 (12052806)
3747952.8	2.22841 (12052806)	2.52093 (12052806)	2.89682 (12052806)	3.40403 (12052806)	4.13851 (12052806)
3747902.8	1.91293 (12052806)	2.12491 (12052806)	2.38398 (12052806)	2.71071 (12052806)	3.14033 (12052806)
3747852.8	1.67649 (12052806)	1.83846 (12052806)	2.02982 (12052806)	2.26092 (12052806)	2.54789 (12052806)
3747802.8	1.49195 (12052806)	1.62046 (12052806)	1.76864 (12052806)	1.94230 (12052806)	2.14991 (12052806)
3747752.8	1.34347 (12052806)	1.44833 (12052806)	1.56706 (12052806)	1.70318 (12052806)	1.86159 (12052806)
3747702.8	1.22113 (12052806)	1.30857 (12052806)	1.40618 (12052806)	1.51623 (12052806)	1.64176 (12052806)
3747652.8	1.11841 (12052806)	1.19258 (12052806)	1.27444 (12052806)		

1.36554 (12052806) 1.46786 (12052806)
3747602.8 | 1.03079 (12052806) 1.09458 (12052806) 1.16435 (12052806)
1.24117 (12052806) 1.32640 (12052806)
3747552.8 | 0.95508 (12052806) 1.01057 (12052806) 1.07081 (12052806)
1.13656 (12052806) 1.20879 (12052806)
3747502.8 | 0.88892 (12052806) 0.93766 (12052806) 0.99023 (12052806)
1.04719 (12052806) 1.10926 (12052806)
3747452.8 | 0.83057 (12052806) 0.87371 (12052806) 0.92000 (12052806)
0.96985 (12052806) 1.02380 (12052806)
3747402.8 | 0.77866 (12052806) 0.81712 (12052806) 0.85819 (12052806)
0.90219 (12052806) 0.94953 (12052806)
3747352.8 | 0.73215 (12052806) 0.76664 (12052806) 0.80331 (12052806)
0.84243 (12052806) 0.88430 (12052806)
3747302.8 | 0.69022 (12052806) 0.72130 (12052806) 0.75423 (12052806)
0.78922 (12052806) 0.82650 (12052806)
3747252.8 | 0.65219 (12052806) 0.68032 (12052806) 0.71004 (12052806)
0.74149 (12052806) 0.77488 (12052806)
3747202.8 | 0.61752 (12052806) 0.64309 (12052806) 0.67001 (12052806)
0.69842 (12052806) 0.72847 (12052806)
3747152.8 | 0.58578 (12052806) 0.60909 (12052806) 0.63357 (12052806)
0.65933 (12052806) 0.68650 (12052806)
3747102.8 | 0.55660 (12052806) 0.57791 (12052806) 0.60025 (12052806)
0.62368 (12052806) 0.64832 (12052806)
3747052.8 | 0.52966 (12052806) 0.54921 (12052806) 0.56963 (12052806)
0.59102 (12052806) 0.61345 (12052806)
3747002.8 | 0.50472 (12052806) 0.52268 (12052806) 0.54141 (12052806)
0.56097 (12052806) 0.58144 (12052806)
3746952.8 | 0.48155 (12052806) 0.49809 (12052806) 0.51530 (12052806)
0.53324 (12052806) 0.55196 (12052806)
3746902.8 | 0.45997 (12052806) 0.47523 (12052806) 0.49107 (12052806)
0.50755 (12052806) 0.52472 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
407043.32 407093.32 407143.32 407193.32 407243.32
- - - -

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407293.32	407343.32	407393.32	407443.32	407493.32
3748852.8	0.70986 (12052806)	0.68587 (12052806)	0.66333 (12052806)	0.64208 (12052806)	0.62197 (12052806)
3748802.8	0.76585 (12052806)	0.73781 (12052806)	0.71169 (12052806)	0.68722 (12052806)	0.66422 (12052806)
3748752.8	0.82854 (12052806)	0.79573 (12052806)	0.76539 (12052806)	0.73717 (12052806)	0.71081 (12052806)
3748702.8	0.89916 (12052806)	0.86068 (12052806)	0.82535 (12052806)	0.79273 (12052806)	0.76243 (12052806)
3748652.8	0.97934 (12052806)	0.93402 (12052806)	0.89274 (12052806)	0.85487 (12052806)	0.81994 (12052806)
3748602.8	1.07125 (12052806)	1.01757 (12052806)	0.96905 (12052806)	0.92488 (12052806)	0.88441 (12052806)
3748552.8	1.17786 (12052806)	1.11373 (12052806)	1.05630 (12052806)	1.00443 (12052806)	0.95726 (12052806)
3748502.8	1.30333 (12052806)	1.22586 (12052806)	1.15718 (12052806)	1.09573 (12052806)	1.04031 (12052806)
3748452.8	1.45373 (12052806)	1.35867 (12052806)	1.27544 (12052806)	1.20179 (12052806)	1.13603 (12052806)
3748402.8	1.63812 (12052806)	1.51905 (12052806)	1.41641 (12052806)	1.32681 (12052806)	1.24776 (12052806)
3748352.8	1.87087 (12052806)	1.71751 (12052806)	1.58799 (12052806)	1.47687 (12052806)	1.38025 (12052806)
3748302.8	2.17614 (12052806)	1.97098 (12052806)	1.80244 (12052806)	1.66106 (12052806)	1.54043 (12052806)
3748252.8	2.59855 (12052806)	2.30884 (12052806)	2.07997 (12052806)	1.89381 (12052806)	1.73888 (12052806)
3748202.8	3.23174 (12052806)	2.78746 (12052806)	2.45678 (12052806)	2.19950 (12052806)	1.99268 (12052806)
3748152.8	4.31650 (12052806)	3.53241 (12052806)	3.00540 (12052806)	2.62326 (12052806)	2.33152 (12052806)
3748102.8	4.97748 (12052806)	4.90039 (12052806)	3.89856 (12052806)		

3.26014 (12052806) 2.81247 (12052806)
3748052.8 | 4.33074 (12052806) 3.88044 (12052806) 5.68873 (12052806)
4.35539 (12052806) 3.56282 (12052806)
3748002.8 | 4.07936 (12052806) 3.12593 (12052806) 4.18456 (12052806)
6.80369 (12052806) 4.94482 (12052806)
3747952.8 | 5.32768 (12052806) 3.90642 (13052506) 4.27951 (12052806)
4.76847 (12052806) 3.97764 (12052806)
3747902.8 | 3.73922 (12052806) 4.65062 (12052806) 6.25326 (12052806)
4.04054 (13052506) 4.39557 (12052806)
3747852.8 | 2.91730 (12052806) 3.41661 (12052806) 4.14053 (12052806)
5.31387 (12052806) 5.36156 (12052806)
3747802.8 | 2.40428 (12052806) 2.72586 (12052806) 3.14956 (12052806)
3.74082 (12052806) 4.64001 (12052806)
3747752.8 | 2.04926 (12052806) 2.27651 (12052806) 2.55936 (12052806)
2.92410 (12052806) 3.41756 (12052806)
3747702.8 | 1.78690 (12052806) 1.95748 (12052806) 2.16190 (12052806)
2.41288 (12052806) 2.73067 (12052806)
3747652.8 | 1.58401 (12052806) 1.71755 (12052806) 1.87334 (12052806)
2.05833 (12052806) 2.28277 (12052806)
3747602.8 | 1.42179 (12052806) 1.52961 (12052806) 1.65291 (12052806)
1.79582 (12052806) 1.96414 (12052806)
3747552.8 | 1.28870 (12052806) 1.37785 (12052806) 1.47823 (12052806)
1.59247 (12052806) 1.72409 (12052806)
3747502.8 | 1.17729 (12052806) 1.25238 (12052806) 1.33589 (12052806)
1.42958 (12052806) 1.53575 (12052806)
3747452.8 | 1.08248 (12052806) 1.14667 (12052806) 1.21735 (12052806)
1.29575 (12052806) 1.38341 (12052806)
3747402.8 | 1.00068 (12052806) 1.05622 (12052806) 1.11688 (12052806)
1.18353 (12052806) 1.25727 (12052806)
3747352.8 | 0.92928 (12052806) 0.97784 (12052806) 1.03048 (12052806)
1.08788 (12052806) 1.15082 (12052806)
3747302.8 | 0.86636 (12052806) 0.90916 (12052806) 0.95528 (12052806)
1.00524 (12052806) 1.05962 (12052806)
3747252.8 | 0.81043 (12052806) 0.84842 (12052806) 0.88915 (12052806)
0.93301 (12052806) 0.98045 (12052806)
3747202.8 | 0.76035 (12052806) 0.79427 (12052806) 0.83048 (12052806)
0.86927 (12052806) 0.91100 (12052806)
3747152.8 | 0.71521 (12052806) 0.74565 (12052806) 0.77802 (12052806)
0.81254 (12052806) 0.84950 (12052806)
3747102.8 | 0.67429 (12052806) 0.70173 (12052806) 0.73080 (12052806)
0.76168 (12052806) 0.79460 (12052806)
3747052.8 | 0.63701 (12052806) 0.66184 (12052806) 0.68804 (12052806)
0.71579 (12052806) 0.74525 (12052806)
3747002.8 | 0.60289 (12052806) 0.62542 (12052806) 0.64913 (12052806)
0.67415 (12052806) 0.70062 (12052806)
3746952.8 | 0.57154 (12052806) 0.59204 (12052806) 0.61355 (12052806)
0.63618 (12052806) 0.66005 (12052806)
3746902.8 | 0.54262 (12052806) 0.56131 (12052806) 0.58089 (12052806)
0.60141 (12052806) 0.62299 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,

L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407293.32	407343.32	407393.32	407443.32	407493.32
3746852.8	0.51586 (12052806)	0.53295 (12052806)	0.55079 (12052806)	0.56944 (12052806)	0.58899 (12052806)
3746802.8	0.49102 (12052806)	0.50667 (12052806)	0.52296 (12052806)	0.53995 (12052806)	0.55770 (12052806)
3746752.8	0.46791 (12052806)	0.48226 (12052806)	0.49716 (12052806)	0.51266 (12052806)	0.52881 (12052806)
3746702.8	0.44637 (12052806)	0.45954 (12052806)	0.47318 (12052806)	0.48734 (12052806)	0.50204 (12052806)
3746652.8	0.42622 (12052806)	0.43833 (12052806)	0.45084 (12052806)	0.46379 (12052806)	0.47720 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

PAGE 53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407543.32	407593.32	407643.32	407693.32	407743.32
3748852.8	0.60288 (12052806)	0.58472 (12052806)	0.56738 (12052806)	0.55081 (12052806)	0.53492 (12052806)
3748802.8	0.64251 (12052806)	0.62195 (12052806)	0.60244 (12052806)	0.58385 (12052806)	0.56612 (12052806)
3748752.8	0.68607 (12052806)	0.66277 (12052806)	0.64075 (12052806)	0.61989 (12052806)	0.60006 (12052806)
3748702.8	0.73417 (12052806)	0.70769 (12052806)	0.68280 (12052806)	0.65931 (12052806)	0.63709 (12052806)
3748652.8	0.78754 (12052806)	0.75736 (12052806)	0.72913 (12052806)	0.70263 (12052806)	0.67766 (12052806)
3748602.8	0.84712 (12052806)	0.81258 (12052806)	0.78045 (12052806)	0.75043 (12052806)	0.72229 (12052806)
3748552.8	0.91409 (12052806)	0.87436 (12052806)	0.83762 (12052806)		

0.80348 (12052806) 0.77163 (12052806)
3748502.8 | 0.98999 (12052806) 0.94400 (12052806) 0.90174 (12052806)
0.86270 (12052806) 0.82649 (12052806)
3748452.8 | 1.07683 (12052806) 1.02317 (12052806) 0.97422 (12052806)
0.92930 (12052806) 0.88789 (12052806)
3748402.8 | 1.17734 (12052806) 1.11411 (12052806) 1.05690 (12052806)
1.00482 (12052806) 0.95712 (12052806)
3748352.8 | 1.29529 (12052806) 1.21984 (12052806) 1.15227 (12052806)
1.09129 (12052806) 1.03589 (12052806)
3748302.8 | 1.43604 (12052806) 1.34461 (12052806) 1.26370 (12052806)
1.19145 (12052806) 1.12643 (12052806)
3748252.8 | 1.60755 (12052806) 1.49451 (12052806) 1.39595 (12052806)
1.30908 (12052806) 1.23178 (12052806)
3748202.8 | 1.82217 (12052806) 1.67871 (12052806) 1.55601 (12052806)
1.44959 (12052806) 1.35620 (12052806)
3748152.8 | 2.10030 (12052806) 1.91176 (12052806) 1.75452 (12052806)
1.62098 (12052806) 1.50583 (12052806)
3748102.8 | 2.47850 (12052806) 2.21824 (12052806) 2.00870 (12052806)
1.83568 (12052806) 1.68990 (12052806)
3748052.8 | 3.03013 (12052806) 2.64371 (12052806) 2.34847 (12052806)
2.11425 (12052806) 1.92302 (12052806)
3748002.8 | 3.93035 (12052806) 3.28435 (12052806) 2.83151 (12052806)
2.49357 (12052806) 2.22999 (12052806)
3747952.8 | 5.73849 (12052806) 4.38914 (12052806) 3.58677 (12052806)
3.04782 (12052806) 2.65679 (12052806)
3747902.8 | 6.07196 (12052806) 5.06569 (12052806) 4.98209 (12052806)
3.95467 (12052806) 3.30074 (12052806)
3747852.8 | 4.15848 (12052806) 4.39663 (12052806) 5.53140 (12052806)
5.78799 (12052806) 4.41458 (12052806)
3747802.8 | 6.22793 (12052806) 4.46007 (13052506) 4.23900 (12052806)
4.28106 (12052806) 4.98222 (12052806)
3747752.8 | 4.13280 (12052806) 5.28890 (12052806) 5.19515 (12052806)
4.42289 (13052506) 4.22605 (12052806)
3747702.8 | 3.14975 (12052806) 3.73464 (12052806) 4.62289 (12052806)
6.18262 (12052806) 5.77798 (12052806)
3747652.8 | 2.56253 (12052806) 2.92369 (12052806) 3.41270 (12052806)
4.12194 (12052806) 5.26792 (12052806)
3747602.8 | 2.16624 (12052806) 2.41481 (12052806) 2.73010 (12052806)
3.14676 (12052806) 3.73000 (12052806)
3747552.8 | 1.87800 (12052806) 2.06115 (12052806) 2.28386 (12052806)
2.56219 (12052806) 2.92260 (12052806)
3747502.8 | 1.65744 (12052806) 1.79882 (12052806) 1.96575 (12052806)
2.16673 (12052806) 2.41463 (12052806)
3747452.8 | 1.48236 (12052806) 1.59525 (12052806) 1.72567 (12052806)
1.87858 (12052806) 2.06103 (12052806)
3747402.8 | 1.33948 (12052806) 1.43195 (12052806) 1.53701 (12052806)
1.65777 (12052806) 1.79845 (12052806)
3747352.8 | 1.22030 (12052806) 1.29756 (12052806) 1.38420 (12052806)
1.48226 (12052806) 1.59447 (12052806)
3747302.8 | 1.11914 (12052806) 1.18472 (12052806) 1.25748 (12052806)
1.33884 (12052806) 1.43065 (12052806)
3747252.8 | 1.03203 (12052806) 1.08840 (12052806) 1.15040 (12052806)
1.21905 (12052806) 1.29565 (12052806)
3747202.8 | 0.95609 (12052806) 1.00506 (12052806) 1.05851 (12052806)
1.11721 (12052806) 1.18212 (12052806)
3747152.8 | 0.88922 (12052806) 0.93211 (12052806) 0.97863 (12052806)
1.02937 (12052806) 1.08503 (12052806)
3747102.8 | 0.82981 (12052806) 0.86764 (12052806) 0.90844 (12052806)
0.95267 (12052806) 1.00087 (12052806)
3747052.8 | 0.77663 (12052806) 0.81019 (12052806) 0.84620 (12052806)
0.88502 (12052806) 0.92708 (12052806)
3747002.8 | 0.72871 (12052806) 0.75861 (12052806) 0.79056 (12052806)
0.82483 (12052806) 0.86175 (12052806)
3746952.8 | 0.68528 (12052806) 0.71203 (12052806) 0.74050 (12052806)
0.77088 (12052806) 0.80346 (12052806)
3746902.8 | 0.64572 (12052806) 0.66973 (12052806) 0.69518 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407543.32	407593.32	407643.32	407693.32	407743.32
3746852.8	0.60952 (12052806)	0.63114 (12052806)	0.65395 (12052806)	0.67809 (12052806)	0.70373 (12052806)
3746802.8	0.57628 (12052806)	0.59578 (12052806)	0.61627 (12052806)	0.63788 (12052806)	0.66072 (12052806)
3746752.8	0.54565 (12052806)	0.56327 (12052806)	0.58172 (12052806)	0.60110 (12052806)	0.62148 (12052806)
3746702.8	0.51734 (12052806)	0.53328 (12052806)	0.54992 (12052806)	0.56733 (12052806)	0.58556 (12052806)
3746652.8	0.49111 (12052806)	0.50555 (12052806)	0.52058 (12052806)	0.53623 (12052806)	0.55256 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)

(METERS)	407793.32	407843.32	407893.32	407943.32	407993.32
3748852.8	0.51967 (12052806)	0.50501 (12052806)	0.49089 (12052806)	0.47727 (12052806)	0.46412 (12052806)
3748802.8	0.54916 (12052806)	0.53292 (12052806)	0.51732 (12052806)	0.50233 (12052806)	0.48789 (12052806)
3748752.8	0.58117 (12052806)	0.56314 (12052806)	0.54588 (12052806)	0.52935 (12052806)	0.51348 (12052806)
3748702.8	0.61601 (12052806)	0.59595 (12052806)	0.57684 (12052806)	0.55857 (12052806)	0.54109 (12052806)
3748652.8	0.65407 (12052806)	0.63171 (12052806)	0.61048 (12052806)	0.59026 (12052806)	0.57098 (12052806)
3748602.8	0.69581 (12052806)	0.67082 (12052806)	0.64718 (12052806)	0.62475 (12052806)	0.60342 (12052806)
3748552.8	0.74180 (12052806)	0.71378 (12052806)	0.68737 (12052806)	0.66241 (12052806)	0.63876 (12052806)
3748502.8	0.79275 (12052806)	0.76120 (12052806)	0.73159 (12052806)	0.70372 (12052806)	0.67741 (12052806)
3748452.8	0.84952 (12052806)	0.81382 (12052806)	0.78048 (12052806)	0.74924 (12052806)	0.71986 (12052806)
3748402.8	0.91321 (12052806)	0.87259 (12052806)	0.83486 (12052806)	0.79967 (12052806)	0.76673 (12052806)
3748352.8	0.98525 (12052806)	0.93872 (12052806)	0.89575 (12052806)	0.85589 (12052806)	0.81876 (12052806)
3748302.8	1.06749 (12052806)	1.01374 (12052806)	0.96444 (12052806)	0.91900 (12052806)	0.87691 (12052806)
3748252.8	1.16241 (12052806)	1.09971 (12052806)	1.04264 (12052806)	0.99041 (12052806)	0.94235 (12052806)
3748202.8	1.27341 (12052806)	1.19935 (12052806)	1.13259 (12052806)	1.07199 (12052806)	1.01665 (12052806)
3748152.8	1.40527 (12052806)	1.31649 (12052806)	1.23735 (12052806)	1.16622 (12052806)	1.10183 (12052806)
3748102.8	1.56501 (12052806)	1.45652 (12052806)	1.36116 (12052806)	1.27650 (12052806)	1.20065 (12052806)
3748052.8	1.76332 (12052806)	1.62749 (12052806)	1.51020 (12052806)	1.40761 (12052806)	1.31690 (12052806)
3748002.8	2.01754 (12052806)	1.84189 (12052806)	1.69369 (12052806)	1.56656 (12052806)	1.45597 (12052806)
3747952.8	2.35781 (12052806)	2.12037 (12052806)	1.92631 (12052806)	1.76406 (12052806)	1.62590 (12052806)
3747902.8	2.84232 (12052806)	2.50001 (12052806)	2.23286 (12052806)	2.01739 (12052806)	1.83911 (12052806)
3747852.8	3.60146 (12052806)	3.05541 (12052806)	2.65935 (12052806)	2.35662 (12052806)	2.11617 (12052806)
3747802.8	5.00911 (12052806)	3.96522 (12052806)	3.30297 (12052806)	2.83962 (12052806)	2.49390 (12052806)
3747752.8	5.62977 (12052806)	5.81220 (12052806)	4.41549 (12052806)	3.59571 (12052806)	3.04630 (12052806)
3747702.8	4.29344 (12052806)	4.11989 (12052806)	5.00485 (12052806)	4.99543 (12052806)	3.95022 (12052806)
3747652.8	5.23071 (12052806)	5.06055 (13052506)	4.25680 (12052806)	3.93792 (12052806)	5.78017 (12052806)
3747602.8	4.61953 (12052806)	6.17797 (12052806)	5.83792 (12052806)	4.65715 (13052506)	4.12122 (12052806)
3747552.8	3.41228 (12052806)	4.12518 (12052806)	5.28095 (12052806)	5.46782 (12052806)	4.44400 (12052806)
3747502.8	2.72997 (12052806)	3.14776 (12052806)	3.73367 (12052806)	4.62898 (12052806)	6.20071 (12052806)
3747452.8	2.28348 (12052806)	2.56212 (12052806)	2.92361 (12052806)	3.41555 (12052806)	4.13309 (12052806)
3747402.8	1.96500 (12052806)	2.16605 (12052806)	2.41468 (12052806)	2.73181 (12052806)	3.15349 (12052806)
3747352.8	1.72450 (12052806)	1.87743 (12052806)	2.06059 (12052806)		

2.28489 (12052806) 2.56760 (12052806)
3747302.8 | 1.53532 (12052806) 1.65611 (12052806) 1.79749 (12052806)
1.96590 (12052806) 2.17093 (12052806)
3747252.8 | 1.38189 (12052806) 1.47994 (12052806) 1.59278 (12052806)
1.72449 (12052806) 1.88092 (12052806)
3747202.8 | 1.25443 (12052806) 1.33570 (12052806) 1.42798 (12052806)
1.53400 (12052806) 1.65757 (12052806)
3747152.8 | 1.14651 (12052806) 1.21495 (12052806) 1.29179 (12052806)
1.37896 (12052806) 1.47903 (12052806)
3747102.8 | 1.05371 (12052806) 1.11204 (12052806) 1.17692 (12052806)
1.24972 (12052806) 1.33226 (12052806)
3747052.8 | 0.97288 (12052806) 1.02306 (12052806) 1.07842 (12052806)
1.13997 (12052806) 1.20897 (12052806)
3747002.8 | 0.90172 (12052806) 0.94522 (12052806) 0.99285 (12052806)
1.04535 (12052806) 1.10365 (12052806)
3746952.8 | 0.83852 (12052806) 0.87645 (12052806) 0.91768 (12052806)
0.96278 (12052806) 1.01243 (12052806)
3746902.8 | 0.78196 (12052806) 0.81518 (12052806) 0.85107 (12052806)
0.89003 (12052806) 0.93256 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
407793.32 407843.32 407893.32 407943.32 407993.32
- - - -

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408043.32	408093.32	408143.32	408193.32	408243.32
3748852.8	0.45140 (12052806)	0.43910 (12052806)	0.42718 (12052806)	0.41563 (12052806)	0.40442 (12052806)
3748802.8	0.47397 (12052806)	0.46053 (12052806)	0.44755 (12052806)	0.43499 (12052806)	0.42283 (12052806)
3748752.8	0.49822 (12052806)	0.48353 (12052806)	0.46936 (12052806)	0.45570 (12052806)	0.44249 (12052806)
3748702.8	0.52434 (12052806)	0.50825 (12052806)	0.49277 (12052806)	0.47788 (12052806)	0.46352 (12052806)
3748652.8	0.55254 (12052806)	0.53489 (12052806)	0.51796 (12052806)	0.50170 (12052806)	0.48606 (12052806)
3748602.8	0.58309 (12052806)	0.56369 (12052806)	0.54513 (12052806)	0.52734 (12052806)	0.51028 (12052806)
3748552.8	0.61629 (12052806)	0.59491 (12052806)	0.57452 (12052806)	0.55503 (12052806)	0.53638 (12052806)
3748502.8	0.65251 (12052806)	0.62888 (12052806)	0.60641 (12052806)	0.58501 (12052806)	0.56458 (12052806)
3748452.8	0.69216 (12052806)	0.66598 (12052806)	0.64116 (12052806)	0.61758 (12052806)	0.59514 (12052806)
3748402.8	0.73580 (12052806)	0.70667 (12052806)	0.67915 (12052806)	0.65310 (12052806)	0.62839 (12052806)
3748352.8	0.78406 (12052806)	0.75152 (12052806)	0.72090 (12052806)	0.69201 (12052806)	0.66470 (12052806)
3748302.8	0.83776 (12052806)	0.80122 (12052806)	0.76699 (12052806)	0.73483 (12052806)	0.70452 (12052806)
3748252.8	0.89791 (12052806)	0.85665 (12052806)	0.81818 (12052806)	0.78220 (12052806)	0.74843 (12052806)
3748202.8	0.96581 (12052806)	0.91890 (12052806)	0.87540 (12052806)	0.83491 (12052806)	0.79709 (12052806)
3748152.8	1.04316 (12052806)	0.98938 (12052806)	0.93983 (12052806)	0.89398 (12052806)	0.85136 (12052806)
3748102.8	1.13218 (12052806)	1.06994 (12052806)	1.01302 (12052806)	0.96068 (12052806)	0.91233 (12052806)
3748052.8	1.23592 (12052806)	1.16305 (12052806)	1.09697 (12052806)	1.03669 (12052806)	0.98137 (12052806)
3748002.8	1.35863 (12052806)	1.27207 (12052806)	1.19442 (12052806)	1.12421 (12052806)	1.06031 (12052806)
3747952.8	1.50643 (12052806)	1.40179 (12052806)	1.30910 (12052806)	1.22624 (12052806)	1.15155 (12052806)
3747902.8	1.68852 (12052806)	1.55914 (12052806)	1.44639 (12052806)	1.34697 (12052806)	1.25841 (12052806)
3747852.8	1.91947 (12052806)	1.75477 (12052806)	1.61422 (12052806)	1.49243 (12052806)	1.38553 (12052806)
3747802.8	2.22394 (12052806)	2.00584 (12052806)	1.82492 (12052806)		

1.67168 (12052806) 1.53971 (12052806)
3747752.8 | 2.64763 (12052806) 2.34224 (12052806) 2.09887 (12052806)
1.89907 (12052806) 1.73126 (12052806)
3747702.8 | 3.28699 (12052806) 2.82145 (12052806) 2.47256 (12052806)
2.19883 (12052806) 1.97681 (12052806)
3747652.8 | 4.39176 (12052806) 3.57191 (12052806) 3.01935 (12052806)
2.61577 (12052806) 2.30503 (12052806)
3747602.8 | 5.13819 (12052806) 4.96055 (12052806) 3.91433 (12052806)
3.24412 (12052806) 2.77043 (12052806)
3747552.8 | 4.50047 (12052806) 3.91349 (12052806) 5.71862 (12052806)
4.32600 (12052806) 3.49208 (12052806)
3747502.8 | 4.02614 (12052806) 4.59020 (12052806) 4.27365 (12052806)
6.73253 (12052806) 4.79423 (12052806)
3747452.8 | 5.30185 (12052806) 3.84823 (13052506) 4.20116 (12052806)
4.56464 (12052806) 5.40189 (12052806)
3747402.8 | 3.74824 (12052806) 4.66776 (12052806) 6.34922 (12052806)
4.05351 (12052806) 4.26233 (12052806)
3747352.8 | 2.93808 (12052806) 3.45151 (12052806) 4.22768 (12052806)
5.58559 (12052806) 5.53150 (12052806)
3747302.8 | 2.42774 (12052806) 2.76198 (12052806) 3.22081 (12052806)
3.89968 (12052806) 5.02325 (12052806)
3747252.8 | 2.07081 (12052806) 2.30784 (12052806) 2.61443 (12052806)
3.02976 (12052806) 3.62882 (12052806)
3747202.8 | 1.80411 (12052806) 1.98160 (12052806) 2.20216 (12052806)
2.48512 (12052806) 2.86330 (12052806)
3747152.8 | 1.59554 (12052806) 1.73347 (12052806) 1.89999 (12052806)
2.10584 (12052806) 2.36789 (12052806)
3747102.8 | 1.42692 (12052806) 1.53696 (12052806) 1.66690 (12052806)
1.82319 (12052806) 2.01537 (12052806)
3747052.8 | 1.28712 (12052806) 1.37660 (12052806) 1.48038 (12052806)
1.60251 (12052806) 1.74875 (12052806)
3747002.8 | 1.16893 (12052806) 1.24272 (12052806) 1.32700 (12052806)
1.42440 (12052806) 1.53849 (12052806)
3746952.8 | 1.06746 (12052806) 1.12894 (12052806) 1.19823 (12052806)
1.27704 (12052806) 1.36765 (12052806)
3746902.8 | 0.97927 (12052806) 1.03091 (12052806) 1.08838 (12052806)
1.15284 (12052806) 1.22574 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	408043.32	408093.32	408143.32
408193.32	408243.32		

- - - -

3746852.8 | 0.90186 (12052806) 0.94549 (12052806) 0.99350 (12052806)
1.04665 (12052806) 1.10587 (12052806)
3746802.8 | 0.83337 (12052806) 0.87039 (12052806) 0.91071 (12052806)
0.95481 (12052806) 1.00328 (12052806)
3746752.8 | 0.77235 (12052806) 0.80390 (12052806) 0.83790 (12052806)
0.87467 (12052806) 0.91456 (12052806)
3746702.8 | 0.71771 (12052806) 0.74466 (12052806) 0.77343 (12052806)
0.80421 (12052806) 0.83720 (12052806)
3746652.8 | 0.66854 (12052806) 0.69163 (12052806) 0.71604 (12052806)
0.74188 (12052806) 0.76926 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:09:59

PAGE 59
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408293.32	408343.32	408393.32	408443.32	408493.32
3748852.8	0.39354 (12052806)	0.38297 (12052806)	0.37270 (12052806)	0.36271 (12052806)	0.35300 (12052806)
3748802.8	0.41105 (12052806)	0.39963 (12052806)	0.38855 (12052806)	0.37780 (12052806)	0.36736 (12052806)
3748752.8	0.42972 (12052806)	0.41737 (12052806)	0.40541 (12052806)	0.39381 (12052806)	0.38257 (12052806)
3748702.8	0.44966 (12052806)	0.43628 (12052806)	0.42335 (12052806)	0.41084 (12052806)	0.39873 (12052806)
3748652.8	0.47100 (12052806)	0.45649 (12052806)	0.44249 (12052806)	0.42897 (12052806)	0.41591 (12052806)
3748602.8	0.49389 (12052806)	0.47813 (12052806)	0.46295 (12052806)	0.44833 (12052806)	0.43422 (12052806)
3748552.8	0.51851 (12052806)	0.50135 (12052806)	0.48488 (12052806)	0.46903 (12052806)	0.45377 (12052806)
3748502.8	0.54505 (12052806)	0.52635 (12052806)	0.50842 (12052806)	0.49121 (12052806)	0.47468 (12052806)
3748452.8	0.57375 (12052806)	0.55331 (12052806)	0.53377 (12052806)	0.51505 (12052806)	0.49711 (12052806)
3748402.8	0.60489 (12052806)	0.58251 (12052806)	0.56115 (12052806)	0.54075 (12052806)	0.52122 (12052806)
3748352.8	0.63881 (12052806)	0.61422 (12052806)	0.59082 (12052806)	0.56852 (12052806)	0.54723 (12052806)
3748302.8	0.67590 (12052806)	0.64879 (12052806)	0.62308 (12052806)	0.59864 (12052806)	0.57537 (12052806)
3748252.8	0.71664 (12052806)	0.68666 (12052806)	0.65830 (12052806)		

0.63143 (12052806) 0.60592 (12052806)
3748202.8 | 0.76164 (12052806) 0.72832 (12052806) 0.69692 (12052806)
0.66727 (12052806) 0.63921 (12052806)
3748152.8 | 0.81161 (12052806) 0.77440 (12052806) 0.73949 (12052806)
0.70663 (12052806) 0.67564 (12052806)
3748102.8 | 0.86747 (12052806) 0.82569 (12052806) 0.78665 (12052806)
0.75007 (12052806) 0.71570 (12052806)
3748052.8 | 0.93037 (12052806) 0.88314 (12052806) 0.83923 (12052806)
0.79828 (12052806) 0.75997 (12052806)
3748002.8 | 1.00182 (12052806) 0.94800 (12052806) 0.89827 (12052806)
0.85213 (12052806) 0.80919 (12052806)
3747952.8 | 1.08377 (12052806) 1.02188 (12052806) 0.96508 (12052806)
0.91272 (12052806) 0.86426 (12052806)
3747902.8 | 1.17886 (12052806) 1.10689 (12052806) 1.04138 (12052806)
0.98145 (12052806) 0.92635 (12052806)
3747852.8 | 1.29072 (12052806) 1.20590 (12052806) 1.12946 (12052806)
1.06014 (12052806) 0.99693 (12052806)
3747802.8 | 1.42452 (12052806) 1.32288 (12052806) 1.23240 (12052806)
1.15124 (12052806) 1.07794 (12052806)
3747752.8 | 1.58782 (12052806) 1.46349 (12052806) 1.35450 (12052806)
1.25804 (12052806) 1.17196 (12052806)
3747702.8 | 1.79231 (12052806) 1.63611 (12052806) 1.50191 (12052806)
1.38517 (12052806) 1.28253 (12052806)
3747652.8 | 2.05700 (12052806) 1.85379 (12052806) 1.68385 (12052806)
1.53931 (12052806) 1.41460 (12052806)
3747602.8 | 2.41524 (12052806) 2.13795 (12052806) 1.91471 (12052806)
1.73050 (12052806) 1.57541 (12052806)
3747552.8 | 2.93170 (12052806) 2.52681 (12052806) 2.21861 (12052806)
1.97473 (12052806) 1.77597 (12052806)
3747502.8 | 3.75227 (12052806) 3.09664 (12052806) 2.63961 (12052806)
2.29926 (12052806) 2.03405 (12052806)
3747452.8 | 5.30128 (12052806) 4.02943 (12052806) 3.26940 (12052806)
2.75536 (12052806) 2.38052 (12052806)
3747402.8 | 5.69815 (12052806) 5.91450 (12052806) 4.34037 (12052806)
3.45357 (12052806) 2.87467 (12052806)
3747352.8 | 4.18098 (12052806) 4.12843 (12052806) 4.81379 (12052806)
4.68860 (12052806) 3.64805 (12052806)
3747302.8 | 5.09323 (12052806) 4.43458 (13052506) 4.10906 (12052806)
5.25499 (12052806) 5.07293 (12052806)
3747252.8 | 4.57935 (12052806) 6.36273 (12052806) 5.96751 (12052806)
4.31658 (12052806) 3.83251 (12052806)
3747202.8 | 3.39846 (12052806) 4.22551 (12052806) 5.70897 (12052806)
3.90275 (12052806) 4.63377 (12052806)
3747152.8 | 2.71461 (12052806) 3.19870 (12052806) 3.93050 (12052806)
5.18952 (12052806) 4.01686 (13052506)
3747102.8 | 2.25836 (12052806) 2.57689 (12052806) 3.01530 (12052806)
3.66218 (12052806) 4.72734 (12052806)
3747052.8 | 1.92750 (12052806) 2.15164 (12052806) 2.44185 (12052806)
2.83364 (12052806) 3.39330 (12052806)
3747002.8 | 1.67425 (12052806) 1.83876 (12052806) 2.04247 (12052806)
2.30130 (12052806) 2.64036 (12052806)
3746952.8 | 1.47306 (12052806) 1.59730 (12052806) 1.74591 (12052806)
1.92653 (12052806) 2.14995 (12052806)
3746902.8 | 1.30890 (12052806) 1.40467 (12052806) 1.51605 (12052806)
1.64694 (12052806) 1.80238 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,

Y-COORD (METERS)	X-COORD (METERS)				
	408293.32	408343.32	408393.32	408443.32	408493.32
3746852.8	1.17226 (12052806)	1.24721 (12052806)	1.33235 (12052806)	1.42973 (12052806)	1.54185 (12052806)
3746802.8	1.05677 (12052806)	1.11609 (12052806)	1.18212 (12052806)	1.25593 (12052806)	1.33874 (12052806)
3746752.8	0.95797 (12052806)	1.00531 (12052806)	1.05706 (12052806)	1.11374 (12052806)	1.17588 (12052806)
3746702.8	0.87260 (12052806)	0.91064 (12052806)	0.95152 (12052806)	0.99543 (12052806)	1.04255 (12052806)
3746652.8	0.79826 (12052806)	0.82897 (12052806)	0.86144 (12052806)	0.89569 (12052806)	0.93168 (12052806)

Y-COORD (METERS)	X-COORD (METERS)				
	408543.32	408593.32	408643.32	408693.32	408743.32
3748852.8	0.34355 (12052806)	0.33435 (12052806)	0.32540 (12052806)	0.31668 (12052806)	0.30819 (12052806)
3748802.8	0.35721 (12052806)	0.34735 (12052806)	0.33776 (12052806)	0.32845 (12052806)	0.31939 (12052806)
3748752.8	0.37167 (12052806)	0.36109 (12052806)	0.35082 (12052806)	0.34085 (12052806)	0.33117 (12052806)
3748702.8	0.38700 (12052806)	0.37564 (12052806)	0.36463 (12052806)		

0.35395 (12052806) 0.34360 (12052806)
3748652.8 | 0.40329 (12052806) 0.39107 (12052806) 0.37925 (12052806)
0.36780 (12052806) 0.35671 (12052806)
3748602.8 | 0.42060 (12052806) 0.40745 (12052806) 0.39475 (12052806)
0.38246 (12052806) 0.37058 (12052806)
3748552.8 | 0.43906 (12052806) 0.42489 (12052806) 0.41121 (12052806)
0.39801 (12052806) 0.38527 (12052806)
3748502.8 | 0.45878 (12052806) 0.44348 (12052806) 0.42874 (12052806)
0.41453 (12052806) 0.40084 (12052806)
3748452.8 | 0.47988 (12052806) 0.46333 (12052806) 0.44743 (12052806)
0.43212 (12052806) 0.41739 (12052806)
3748402.8 | 0.50253 (12052806) 0.48460 (12052806) 0.46740 (12052806)
0.45088 (12052806) 0.43501 (12052806)
3748352.8 | 0.52689 (12052806) 0.50744 (12052806) 0.48880 (12052806)
0.47094 (12052806) 0.45381 (12052806)
3748302.8 | 0.55319 (12052806) 0.53202 (12052806) 0.51179 (12052806)
0.49243 (12052806) 0.47391 (12052806)
3748252.8 | 0.58166 (12052806) 0.55857 (12052806) 0.53655 (12052806)
0.51554 (12052806) 0.49546 (12052806)
3748202.8 | 0.61260 (12052806) 0.58734 (12052806) 0.56331 (12052806)
0.54044 (12052806) 0.51863 (12052806)
3748152.8 | 0.64635 (12052806) 0.61862 (12052806) 0.59233 (12052806)
0.56736 (12052806) 0.54362 (12052806)
3748102.8 | 0.68333 (12052806) 0.65279 (12052806) 0.62391 (12052806)
0.59657 (12052806) 0.57065 (12052806)
3748052.8 | 0.72404 (12052806) 0.69026 (12052806) 0.65843 (12052806)
0.62840 (12052806) 0.60000 (12052806)
3748002.8 | 0.76909 (12052806) 0.73156 (12052806) 0.69634 (12052806)
0.66321 (12052806) 0.63199 (12052806)
3747952.8 | 0.81926 (12052806) 0.77733 (12052806) 0.73816 (12052806)
0.70147 (12052806) 0.66702 (12052806)
3747902.8 | 0.87549 (12052806) 0.82838 (12052806) 0.78458 (12052806)
0.74374 (12052806) 0.70557 (12052806)
3747852.8 | 0.93900 (12052806) 0.88568 (12052806) 0.83641 (12052806)
0.79072 (12052806) 0.74820 (12052806)
3747802.8 | 1.01135 (12052806) 0.95053 (12052806) 0.89471 (12052806)
0.84326 (12052806) 0.79565 (12052806)
3747752.8 | 1.09458 (12052806) 1.02455 (12052806) 0.96081 (12052806)
0.90247 (12052806) 0.84882 (12052806)
3747702.8 | 1.19143 (12052806) 1.10992 (12052806) 1.03643 (12052806)
0.96974 (12052806) 0.90886 (12052806)
3747652.8 | 1.30569 (12052806) 1.20955 (12052806) 1.12389 (12052806)
1.04693 (12052806) 0.97727 (12052806)
3747602.8 | 1.44268 (12052806) 1.32748 (12052806) 1.22630 (12052806)
1.13649 (12052806) 1.05603 (12052806)
3747552.8 | 1.61025 (12052806) 1.46947 (12052806) 1.34802 (12052806)
1.24182 (12052806) 1.14782 (12052806)
3747502.8 | 1.82049 (12052806) 1.64410 (12052806) 1.49536 (12052806)
1.36767 (12052806) 1.25636 (12052806)
3747452.8 | 2.09318 (12052806) 1.86470 (12052806) 1.67775 (12052806)
1.52107 (12052806) 1.38702 (12052806)
3747402.8 | 2.46314 (12052806) 2.15337 (12052806) 1.91017 (12052806)
1.71272 (12052806) 1.54783 (12052806)
3747352.8 | 2.99875 (12052806) 2.54983 (12052806) 2.21793 (12052806)
1.96004 (12052806) 1.75146 (12052806)
3747302.8 | 3.85769 (12052806) 3.13441 (12052806) 2.64792 (12052806)
2.29353 (12052806) 2.01929 (12052806)
3747252.8 | 5.51978 (12052806) 4.10116 (12052806) 3.29922 (12052806)
2.77281 (12052806) 2.39081 (12052806)
3747202.8 | 4.01676 (12052806) 6.07949 (12052806) 4.43001 (12052806)
3.53505 (12052806) 2.94906 (12052806)
3747152.8 | 4.13883 (12052806) 6.10992 (12052806) 5.05855 (12052806)
4.99573 (12052806) 3.90603 (12052806)
3747102.8 | 4.82532 (12052806) 4.00732 (13052506) 4.14945 (12052806)
5.50461 (12052806) 6.02392 (12052806)
3747052.8 | 4.25803 (12052806) 5.76614 (12052806) 4.14828 (13052506)

3.94401 (12052806) 3.99076 (12052806)
3747002.8 | 3.10063 (12052806) 3.75257 (12052806) 4.74113 (12052806)
4.60859 (12052806) 4.11456 (13052506)
3746952.8 | 2.43156 (12052806) 2.79480 (12052806) 3.28112 (12052806)
3.97766 (12052806) 5.09532 (12052806)
3746902.8 | 1.98916 (12052806) 2.21700 (12052806) 2.50159 (12052806)
2.87096 (12052806) 3.37865 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408543.32	408593.32	408643.32	408693.32	408743.32
3746852.8	1.67191 (12052806)	1.82431 (12052806)	2.00566 (12052806)	2.22651 (12052806)	2.50431 (12052806)
3746802.8	1.43206 (12052806)	1.53785 (12052806)	1.65881 (12052806)	1.79884 (12052806)	1.96352 (12052806)
3746752.8	1.24411 (12052806)	1.31916 (12052806)	1.40190 (12052806)	1.49338 (12052806)	1.59473 (12052806)
3746702.8	1.09304 (12052806)	1.14697 (12052806)	1.20437 (12052806)	1.26506 (12052806)	1.32849 (12052806)
3746652.8	0.96931 (12052806)	1.00837 (12052806)	1.04850 (12052806)	1.08905 (12052806)	1.12898 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408793.32	408843.32	408893.32	408943.32	408993.32
3748852.8	0.29993 (12052806)	0.29188 (12052806)	0.28405 (12052806)	0.27643 (12052806)	0.26900 (12052806)
3748802.8	0.31057 (12052806)	0.30200 (12052806)	0.29367 (12052806)	0.28557 (12052806)	0.27769 (12052806)
3748752.8	0.32177 (12052806)	0.31263 (12052806)	0.30376 (12052806)	0.29514 (12052806)	0.28677 (12052806)
3748702.8	0.33355 (12052806)	0.32381 (12052806)	0.31435 (12052806)	0.30518 (12052806)	0.29629 (12052806)
3748652.8	0.34598 (12052806)	0.33557 (12052806)	0.32549 (12052806)	0.31572 (12052806)	0.30626 (12052806)
3748602.8	0.35909 (12052806)	0.34797 (12052806)	0.33721 (12052806)	0.32680 (12052806)	0.31672 (12052806)
3748552.8	0.37295 (12052806)	0.36106 (12052806)	0.34956 (12052806)	0.33845 (12052806)	0.32771 (12052806)
3748502.8	0.38763 (12052806)	0.37489 (12052806)	0.36259 (12052806)	0.35072 (12052806)	0.33927 (12052806)
3748452.8	0.40320 (12052806)	0.38954 (12052806)	0.37637 (12052806)	0.36367 (12052806)	0.35144 (12052806)
3748402.8	0.41975 (12052806)	0.40507 (12052806)	0.39095 (12052806)	0.37735 (12052806)	0.36427 (12052806)
3748352.8	0.43736 (12052806)	0.42157 (12052806)	0.40641 (12052806)	0.39183 (12052806)	0.37782 (12052806)
3748302.8	0.45616 (12052806)	0.43915 (12052806)	0.42283 (12052806)	0.40718 (12052806)	0.39216 (12052806)
3748252.8	0.47627 (12052806)	0.45790 (12052806)	0.44032 (12052806)	0.42349 (12052806)	0.40736 (12052806)
3748202.8	0.49783 (12052806)	0.47797 (12052806)	0.45899 (12052806)	0.44085 (12052806)	0.42350 (12052806)
3748152.8	0.52102 (12052806)	0.49949 (12052806)	0.47896 (12052806)	0.45937 (12052806)	0.44068 (12052806)
3748102.8	0.54603 (12052806)	0.52263 (12052806)	0.50038 (12052806)	0.47919 (12052806)	0.45900 (12052806)
3748052.8	0.57311 (12052806)	0.54762 (12052806)	0.52342 (12052806)	0.50044 (12052806)	0.47860 (12052806)
3748002.8	0.60252 (12052806)	0.57467 (12052806)	0.54830 (12052806)	0.52331 (12052806)	0.49961 (12052806)
3747952.8	0.63462 (12052806)	0.60408 (12052806)	0.57525 (12052806)	0.54800 (12052806)	0.52223 (12052806)
3747902.8	0.66979 (12052806)	0.63618 (12052806)	0.60456 (12052806)	0.57476 (12052806)	0.54664 (12052806)
3747852.8	0.70852 (12052806)	0.67140 (12052806)	0.63658 (12052806)	0.60388 (12052806)	0.57311 (12052806)
3747802.8	0.75143 (12052806)	0.71023 (12052806)	0.67175 (12052806)	0.63571 (12052806)	0.60192 (12052806)
3747752.8	0.79926 (12052806)	0.75331 (12052806)	0.71057 (12052806)	0.67070 (12052806)	0.63343 (12052806)
3747702.8	0.85298 (12052806)	0.80144 (12052806)	0.75372 (12052806)	0.70939 (12052806)	0.66810 (12052806)
3747652.8	0.91379 (12052806)	0.85562 (12052806)	0.80203 (12052806)	0.75247 (12052806)	0.70649 (12052806)
3747602.8	0.98333 (12052806)	0.91716 (12052806)	0.85658 (12052806)	0.80082 (12052806)	0.74932 (12052806)
3747552.8	1.06373 (12052806)	0.98783 (12052806)	0.91879 (12052806)	0.85560 (12052806)	0.79751 (12052806)
3747502.8	1.15798 (12052806)	1.07002 (12052806)	0.99060 (12052806)		

0.91836 (12052806) 0.85229 (12052806)
3747452.8 | 1.27027 (12052806) 1.16706 (12052806) 1.07468 (12052806)
0.99122 (12052806) 0.91532 (12052806)
3747402.8 | 1.40681 (12052806) 1.28381 (12052806) 1.17484 (12052806)
1.07717 (12052806) 0.98892 (12052806)
3747352.8 | 1.57715 (12052806) 1.42761 (12052806) 1.29675 (12052806)
1.18056 (12052806) 1.07639 (12052806)
3747302.8 | 1.79689 (12052806) 1.61010 (12052806) 1.44917 (12052806)
1.30797 (12052806) 1.18258 (12052806)
3747252.8 | 2.09355 (12052806) 1.85096 (12052806) 1.64636 (12052806)
1.46979 (12052806) 1.31501 (12052806)
3747202.8 | 2.52062 (12052806) 2.18608 (12052806) 1.91314 (12052806)
1.68343 (12052806) 1.48584 (12052806)
3747152.8 | 3.19804 (12052806) 2.68856 (12052806) 2.29653 (12052806)
1.98023 (12052806) 1.71617 (12052806)
3747102.8 | 4.46290 (12052806) 3.53421 (12052806) 2.89803 (12052806)
2.42303 (12052806) 2.04619 (12052806)
3747052.8 | 5.03596 (12052806) 5.29519 (12052806) 3.98747 (12052806)
3.15953 (12052806) 2.56365 (12052806)
3747002.8 | 3.84992 (12052806) 3.81009 (15122816) 4.54058 (12052806)
4.64540 (12052806) 3.50614 (12052806)
3746952.8 | 4.80400 (12052806) 3.80111 (13052506) 3.66528 (15122816)
3.58852 (16050618) 3.98077 (12052806)
3746902.8 | 4.13614 (12052806) 5.42230 (12052806) 4.81898 (12052806)
3.38905 (12052806) 3.62387 (15122816)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
408793.32 408843.32 408893.32 408943.32 408993.32
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 409043.32	409093.32	409143.32	409193.32	409243.32
3748852.8	0.26178 (12052806)	0.25475 (12052806)	0.24791 (12052806)	0.24125 (12052806)	0.23478 (12052806)
3748802.8	0.27003 (12052806)	0.26258 (12052806)	0.25534 (12052806)	0.24831 (12052806)	0.24148 (12052806)
3748752.8	0.27864 (12052806)	0.27075 (12052806)	0.26309 (12052806)	0.25565 (12052806)	0.24843 (12052806)
3748702.8	0.28766 (12052806)	0.27929 (12052806)	0.27117 (12052806)	0.26330 (12052806)	0.25566 (12052806)
3748652.8	0.29709 (12052806)	0.28820 (12052806)	0.27960 (12052806)	0.27126 (12052806)	0.26319 (12052806)
3748602.8	0.30697 (12052806)	0.29753 (12052806)	0.28840 (12052806)	0.27956 (12052806)	0.27102 (12052806)
3748552.8	0.31733 (12052806)	0.30730 (12052806)	0.29760 (12052806)	0.28823 (12052806)	0.27918 (12052806)
3748502.8	0.32821 (12052806)	0.31753 (12052806)	0.30723 (12052806)	0.29728 (12052806)	0.28768 (12052806)
3748452.8	0.33964 (12052806)	0.32827 (12052806)	0.31731 (12052806)	0.30674 (12052806)	0.29656 (12052806)
3748402.8	0.35167 (12052806)	0.33955 (12052806)	0.32788 (12052806)	0.31664 (12052806)	0.30583 (12052806)
3748352.8	0.36436 (12052806)	0.35141 (12052806)	0.33897 (12052806)	0.32701 (12052806)	0.31551 (12052806)
3748302.8	0.37775 (12052806)	0.36391 (12052806)	0.35063 (12052806)	0.33788 (12052806)	0.32565 (12052806)
3748252.8	0.39191 (12052806)	0.37709 (12052806)	0.36290 (12052806)	0.34930 (12052806)	0.33626 (12052806)
3748202.8	0.40690 (12052806)	0.39103 (12052806)	0.37584 (12052806)	0.36130 (12052806)	0.34739 (12052806)
3748152.8	0.42282 (12052806)	0.40578 (12052806)	0.38949 (12052806)	0.37394 (12052806)	0.35908 (12052806)
3748102.8	0.43976 (12052806)	0.42142 (12052806)	0.40394 (12052806)	0.38727 (12052806)	0.37137 (12052806)
3748052.8	0.45782 (12052806)	0.43805 (12052806)	0.41924 (12052806)	0.40134 (12052806)	0.38431 (12052806)
3748002.8	0.47713 (12052806)	0.45578 (12052806)	0.43550 (12052806)	0.41625 (12052806)	0.39796 (12052806)
3747952.8	0.49783 (12052806)	0.47471 (12052806)	0.45281 (12052806)		

0.43205 (12052806) 0.41238 (12052806)
3747902.8 | 0.52009 (12052806) 0.49500 (12052806) 0.47128 (12052806)
0.44885 (12052806) 0.42765 (12052806)
3747852.8 | 0.54413 (12052806) 0.51681 (12052806) 0.49105 (12052806)
0.46676 (12052806) 0.44384 (12052806)
3747802.8 | 0.57018 (12052806) 0.54034 (12052806) 0.51228 (12052806)
0.48589 (12052806) 0.46106 (12052806)
3747752.8 | 0.59854 (12052806) 0.56584 (12052806) 0.53517 (12052806)
0.50640 (12052806) 0.47942 (12052806)
3747702.8 | 0.62958 (12052806) 0.59358 (12052806) 0.55993 (12052806)
0.52847 (12052806) 0.49905 (12052806)
3747652.8 | 0.66375 (12052806) 0.62394 (12052806) 0.58686 (12052806)
0.55230 (12052806) 0.52010 (12052806)
3747602.8 | 0.70162 (12052806) 0.65737 (12052806) 0.61628 (12052806)
0.57814 (12052806) 0.54274 (12052806)
3747552.8 | 0.74392 (12052806) 0.69442 (12052806) 0.64864 (12052806)
0.60631 (12052806) 0.56720 (12052806)
3747502.8 | 0.79163 (12052806) 0.73582 (12052806) 0.68446 (12052806)
0.63718 (12052806) 0.59373 (12052806)
3747452.8 | 0.84600 (12052806) 0.78254 (12052806) 0.72442 (12052806)
0.67123 (12052806) 0.62261 (12052806)
3747402.8 | 0.90879 (12052806) 0.83585 (12052806) 0.76943 (12052806)
0.70903 (12052806) 0.65421 (12052806)
3747352.8 | 0.98243 (12052806) 0.89747 (12052806) 0.82066 (12052806)
0.75134 (12052806) 0.68895 (12052806)
3747302.8 | 1.07043 (12052806) 0.96985 (12052806) 0.87968 (12052806)
0.79908 (12052806) 0.72731 (12052806)
3747252.8 | 1.17807 (12052806) 1.05650 (12052806) 0.94868 (12052806)
0.85347 (12052806) 0.76984 (12052806)
3747202.8 | 1.31361 (12052806) 1.16271 (12052806) 1.03075 (12052806)
0.91606 (12052806) 0.81710 (12052806)
3747152.8 | 1.49086 (12052806) 1.29691 (12052806) 1.13040 (12052806)
0.98879 (12052806) 0.86957 (12052806)
3747102.8 | 1.73492 (12052806) 1.47338 (12052806) 1.25450 (12052806)
1.07405 (12052806) 0.92737 (12052806)
3747052.8 | 2.09727 (12052806) 1.71887 (12052806) 1.41386 (12052806)
1.17422 (12052806) 0.98958 (12052806)
3747002.8 | 2.70400 (12052806) 2.09046 (12052806) 1.63256 (12020617)
1.29007 (12052806) 1.05272 (12052806)
3746952.8 | 3.96879 (12052806) 2.84333 (12020617) 1.91586 (12052806)
1.47153 (13090518) 1.24911 (13090518)
3746902.8 | 3.46740 (16050618) 3.54508 (16112016) 2.98415 (16112016)
2.08257 (16112016) 1.59405 (13090518)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

```
 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       409043.32              409093.32              409143.32
 409193.32              409243.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

3746852.8 |      3.20117 (15122816)      3.55705 (15122816)      3.55011 (13090518)
2.31196 (13090518)      1.71887 (13090518)
3746802.8 |      5.07054 (13041207)      3.92821 (15122816)      3.25558 (15122816)
2.40042 (15122816)      1.77605 (15122816)
3746752.8 |      2.80875 (13041207)      2.53376 (13041207)      2.00493 (15122816)
1.99317 (15122816)      1.76105 (15122816)
3746702.8 |      1.93304 (13041207)      1.84332 (13041207)      1.48542 (16020617)
1.38786 (14030117)      1.38871 (15122816)
3746652.8 |      1.46416 (13041207)      1.43365 (13041207)      1.20543 (16020617)
1.06360 (16020617)      1.06784 (14030117)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:09:59

                     PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                    ** CONC OF NOX      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       6.80369  ON 12052806: AT (  407443.32,  3748002.85,
0.00,     0.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:09:59

                     PAGE  68
 *** 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        2285 Informational Message(s)

 A Total of       43848 Hours Were Processed

 A Total of        1588 Calm Hours Identified
```

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 PM10\14635 OPS
I-5 PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "14635 OPS I-5 PM10.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.07746
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   406477.947 3748705.987 0.0
   LOCATION L0000002     VOLUME   406518.441 3748667.306 0.0
   LOCATION L0000003     VOLUME   406558.064 3748627.756 0.0
   LOCATION L0000004     VOLUME   406596.623 3748587.146 0.0
```

```
   LOCATION L0000005     VOLUME   406635.182 3748546.536 0.0
   LOCATION L0000006     VOLUME   406673.802 3748505.983 0.0
   LOCATION L0000007     VOLUME   406712.502 3748465.508 0.0
   LOCATION L0000008     VOLUME   406751.203 3748425.032 0.0
   LOCATION L0000009     VOLUME   406789.903 3748384.557 0.0
   LOCATION L0000010     VOLUME   406834.559 3748350.839 0.0
   LOCATION L0000011     VOLUME   406879.580 3748317.535 0.0
   LOCATION L0000012     VOLUME   406925.917 3748286.094 0.0
   LOCATION L0000013     VOLUME   406972.347 3748254.785 0.0
   LOCATION L0000014     VOLUME   407018.777 3748223.476 0.0
   LOCATION L0000015     VOLUME   407065.206 3748192.167 0.0
   LOCATION L0000016     VOLUME   407111.636 3748160.858 0.0
   LOCATION L0000017     VOLUME   407158.066 3748129.549 0.0
   LOCATION L0000018     VOLUME   407204.496 3748098.240 0.0
   LOCATION L0000019     VOLUME   407251.187 3748067.320 0.0
   LOCATION L0000020     VOLUME   407297.885 3748036.413 0.0
   LOCATION L0000021     VOLUME   407344.583 3748005.505 0.0
   LOCATION L0000022     VOLUME   407391.281 3747974.597 0.0
   LOCATION L0000023     VOLUME   407437.979 3747943.690 0.0
   LOCATION L0000024     VOLUME   407484.677 3747912.782 0.0
   LOCATION L0000025     VOLUME   407531.375 3747881.874 0.0
   LOCATION L0000026     VOLUME   407578.074 3747850.967 0.0
   LOCATION L0000027     VOLUME   407624.772 3747820.059 0.0
   LOCATION L0000028     VOLUME   407671.470 3747789.151 0.0
   LOCATION L0000029     VOLUME   407718.168 3747758.244 0.0
   LOCATION L0000030     VOLUME   407764.848 3747727.308 0.0
   LOCATION L0000031     VOLUME   407811.380 3747696.151 0.0
   LOCATION L0000032     VOLUME   407857.912 3747664.994 0.0
   LOCATION L0000033     VOLUME   407904.444 3747633.837 0.0
   LOCATION L0000034     VOLUME   407950.976 3747602.679 0.0
   LOCATION L0000035     VOLUME   407997.508 3747571.522 0.0
   LOCATION L0000036     VOLUME   408044.040 3747540.365 0.0
   LOCATION L0000037     VOLUME   408090.572 3747509.208 0.0
   LOCATION L0000038     VOLUME   408137.104 3747478.051 0.0
   LOCATION L0000039     VOLUME   408183.019 3747446.029 0.0
   LOCATION L0000040     VOLUME   408227.637 3747412.187 0.0
   LOCATION L0000041     VOLUME   408272.255 3747378.346 0.0
   LOCATION L0000042     VOLUME   408316.873 3747344.504 0.0
   LOCATION L0000043     VOLUME   408361.491 3747310.663 0.0
   LOCATION L0000044     VOLUME   408405.610 3747276.180 0.0
   LOCATION L0000045     VOLUME   408449.381 3747241.250 0.0
   LOCATION L0000046     VOLUME   408493.151 3747206.320 0.0
   LOCATION L0000047     VOLUME   408536.922 3747171.389 0.0
   LOCATION L0000048     VOLUME   408580.782 3747136.572 0.0
   LOCATION L0000049     VOLUME   408626.336 3747104.196 0.0
   LOCATION L0000050     VOLUME   408674.468 3747075.573 0.0
   LOCATION L0000051     VOLUME   408722.601 3747046.950 0.0
   LOCATION L0000052     VOLUME   408770.733 3747018.327 0.0
   LOCATION L0000053     VOLUME   408818.865 3746989.704 0.0
   LOCATION L0000054     VOLUME   408866.997 3746961.081 0.0
   LOCATION L0000055     VOLUME   408915.303 3746932.774 0.0
   LOCATION L0000056     VOLUME   408965.258 3746907.466 0.0
   LOCATION L0000057     VOLUME   409015.214 3746882.158 0.0
   LOCATION L0000058     VOLUME   409065.169 3746856.850 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000002     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000003     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000004     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000005     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000006     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000007     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000008     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000009     0.0013355172      3.49     26.05      3.25
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   SRCPARAM L0000010     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000011     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000012     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000013     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000014     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000015     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000016     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000017     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000018     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000019     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000020     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000021     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000022     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000023     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000024     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000025     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000026     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000027     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000028     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000029     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000030     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000031     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000032     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000033     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000034     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000035     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000036     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000037     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000038     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000039     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000040     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000041     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000042     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000043     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000044     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000045     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000046     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000047     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000048     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000049     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000050     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000051     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000052     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000053     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000054     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000055     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000056     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000057     0.0013355172      3.49     26.05      3.25
   SRCPARAM L0000058     0.0013355172      3.49     26.05      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 406293.32 60 50.00 3746652.85 45 50.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	17	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00

HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	12	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	13	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	14	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00

HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	15	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	16	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	17	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	18	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
HILL	19	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
HILL	21	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00

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                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
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                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
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                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
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**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST "14635 OPS I-5 PM10.AD\24H1GALL.PLT" 31
   SUMMFILE "14635 OPS I-5 PM10.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    1107       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1107       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        21:31:17

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

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

 **This Run Includes:     58 Source(s);       1 Source Group(s); and    2700 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 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:  16216

 **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) =    29.00 ;  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:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 OPS I-5
 PM10.ERR
 **File for Summary of Results:   14635 OPS I-5
 PM10.SUM
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       21:31:17

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000001         0   0.13355E-02  406477.9 3748706.0     0.0     3.49    26.05     3.25
 YES
 L0000002         0   0.13355E-02  406518.4 3748667.3     0.0     3.49    26.05     3.25
 YES
 L0000003         0   0.13355E-02  406558.1 3748627.8     0.0     3.49    26.05     3.25
 YES
 L0000004         0   0.13355E-02  406596.6 3748587.1     0.0     3.49    26.05     3.25
 YES
 L0000005         0   0.13355E-02  406635.2 3748546.5     0.0     3.49    26.05     3.25
```

YES
L0000006 0 0.13355E-02 406673.8 3748506.0 0.0 3.49 26.05 3.25
YES
L0000007 0 0.13355E-02 406712.5 3748465.5 0.0 3.49 26.05 3.25
YES
L0000008 0 0.13355E-02 406751.2 3748425.0 0.0 3.49 26.05 3.25
YES
L0000009 0 0.13355E-02 406789.9 3748384.6 0.0 3.49 26.05 3.25
YES
L0000010 0 0.13355E-02 406834.6 3748350.8 0.0 3.49 26.05 3.25
YES
L0000011 0 0.13355E-02 406879.6 3748317.5 0.0 3.49 26.05 3.25
YES
L0000012 0 0.13355E-02 406925.9 3748286.1 0.0 3.49 26.05 3.25
YES
L0000013 0 0.13355E-02 406972.3 3748254.8 0.0 3.49 26.05 3.25
YES
L0000014 0 0.13355E-02 407018.8 3748223.5 0.0 3.49 26.05 3.25
YES
L0000015 0 0.13355E-02 407065.2 3748192.2 0.0 3.49 26.05 3.25
YES
L0000016 0 0.13355E-02 407111.6 3748160.9 0.0 3.49 26.05 3.25
YES
L0000017 0 0.13355E-02 407158.1 3748129.5 0.0 3.49 26.05 3.25
YES
L0000018 0 0.13355E-02 407204.5 3748098.2 0.0 3.49 26.05 3.25
YES
L0000019 0 0.13355E-02 407251.2 3748067.3 0.0 3.49 26.05 3.25
YES
L0000020 0 0.13355E-02 407297.9 3748036.4 0.0 3.49 26.05 3.25
YES
L0000021 0 0.13355E-02 407344.6 3748005.5 0.0 3.49 26.05 3.25
YES
L0000022 0 0.13355E-02 407391.3 3747974.6 0.0 3.49 26.05 3.25
YES
L0000023 0 0.13355E-02 407438.0 3747943.7 0.0 3.49 26.05 3.25
YES
L0000024 0 0.13355E-02 407484.7 3747912.8 0.0 3.49 26.05 3.25
YES
L0000025 0 0.13355E-02 407531.4 3747881.9 0.0 3.49 26.05 3.25
YES
L0000026 0 0.13355E-02 407578.1 3747851.0 0.0 3.49 26.05 3.25
YES
L0000027 0 0.13355E-02 407624.8 3747820.1 0.0 3.49 26.05 3.25
YES
L0000028 0 0.13355E-02 407671.5 3747789.2 0.0 3.49 26.05 3.25
YES
L0000029 0 0.13355E-02 407718.2 3747758.2 0.0 3.49 26.05 3.25
YES
L0000030 0 0.13355E-02 407764.8 3747727.3 0.0 3.49 26.05 3.25
YES
L0000031 0 0.13355E-02 407811.4 3747696.2 0.0 3.49 26.05 3.25
YES
L0000032 0 0.13355E-02 407857.9 3747665.0 0.0 3.49 26.05 3.25
YES
L0000033 0 0.13355E-02 407904.4 3747633.8 0.0 3.49 26.05 3.25
YES
L0000034 0 0.13355E-02 407951.0 3747602.7 0.0 3.49 26.05 3.25
YES
L0000035 0 0.13355E-02 407997.5 3747571.5 0.0 3.49 26.05 3.25
YES
L0000036 0 0.13355E-02 408044.0 3747540.4 0.0 3.49 26.05 3.25
YES
L0000037 0 0.13355E-02 408090.6 3747509.2 0.0 3.49 26.05 3.25
YES
L0000038 0 0.13355E-02 408137.1 3747478.1 0.0 3.49 26.05 3.25

YES
L0000039 0 0.13355E-02 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.13355E-02 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000041	0	0.13355E-02	408272.3	3747378.3	0.0	3.49	26.05	3.25	YES
L0000042	0	0.13355E-02	408316.9	3747344.5	0.0	3.49	26.05	3.25	YES
L0000043	0	0.13355E-02	408361.5	3747310.7	0.0	3.49	26.05	3.25	YES
L0000044	0	0.13355E-02	408405.6	3747276.2	0.0	3.49	26.05	3.25	YES
L0000045	0	0.13355E-02	408449.4	3747241.2	0.0	3.49	26.05	3.25	YES
L0000046	0	0.13355E-02	408493.2	3747206.3	0.0	3.49	26.05	3.25	YES
L0000047	0	0.13355E-02	408536.9	3747171.4	0.0	3.49	26.05	3.25	YES
L0000048	0	0.13355E-02	408580.8	3747136.6	0.0	3.49	26.05	3.25	YES
L0000049	0	0.13355E-02	408626.3	3747104.2	0.0	3.49	26.05	3.25	YES
L0000050	0	0.13355E-02	408674.5	3747075.6	0.0	3.49	26.05	3.25	YES
L0000051	0	0.13355E-02	408722.6	3747046.9	0.0	3.49	26.05	3.25	YES
L0000052	0	0.13355E-02	408770.7	3747018.3	0.0	3.49	26.05	3.25	YES
L0000053	0	0.13355E-02	408818.9	3746989.7	0.0	3.49	26.05	3.25	YES
L0000054	0	0.13355E-02	408867.0	3746961.1	0.0	3.49	26.05	3.25	YES
L0000055	0	0.13355E-02	408915.3	3746932.8	0.0	3.49	26.05	3.25	YES
L0000056	0	0.13355E-02	408965.3	3746907.5	0.0	3.49	26.05	3.25	YES
L0000057	0	0.13355E-02	409015.2	3746882.2	0.0	3.49	26.05	3.25	YES
L0000058	0	0.13355E-02	409065.2	3746856.8	0.0	3.49	26.05	3.25	YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 ,

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3010232.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3, 406343.3, 406393.3, 406443.3, 406493.3, 406543.3, 406593.3, 406643.3,
406693.3, 406743.3,
406793.3, 406843.3, 406893.3, 406943.3, 406993.3, 407043.3, 407093.3, 407143.3,
407193.3, 407243.3,
407293.3, 407343.3, 407393.3, 407443.3, 407493.3, 407543.3, 407593.3, 407643.3,
407693.3, 407743.3,
407793.3, 407843.3, 407893.3, 407943.3, 407993.3, 408043.3, 408093.3, 408143.3,
408193.3, 408243.3,
408293.3, 408343.3, 408393.3, 408443.3, 408493.3, 408543.3, 408593.3, 408643.3,
408693.3, 408743.3,
408793.3, 408843.3, 408893.3, 408943.3, 408993.3, 409043.3, 409093.3, 409143.3,
409193.3, 409243.3,

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8, 3746702.8, 3746752.8, 3746802.8, 3746852.8, 3746902.8, 3746952.8, 3747002.8,
3747052.8, 3747102.8,
3747152.8, 3747202.8, 3747252.8, 3747302.8, 3747352.8, 3747402.8, 3747452.8, 3747502.8,
3747552.8, 3747602.8,
3747652.8, 3747702.8, 3747752.8, 3747802.8, 3747852.8, 3747902.8, 3747952.8, 3748002.8,
3748052.8, 3748102.8,
3748152.8, 3748202.8, 3748252.8, 3748302.8, 3748352.8, 3748402.8, 3748452.8, 3748502.8,
3748552.8, 3748602.8,
3748652.8, 3748702.8, 3748752.8, 3748802.8, 3748852.8,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00

0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32 406443.32 406493.32 406543.32
406593.32 406643.32 406693.32
- - - -

0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00

0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406743.32 406793.32 406843.32 406893.32 406943.32 406993.32
407043.32 407093.32 407143.32
- - - -

0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00

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 0.00         0.00         0.00         0.00
 3748302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:31:17

                      PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** *** 21:31:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)				
3748152.85	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00

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   (METERS) |     408093.32    408143.32    408193.32    408243.32    408293.32    408343.32
   408393.32    408443.32    408493.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:31:17

                     PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     408543.32    408593.32    408643.32    408693.32    408743.32    408793.32
   408843.32    408893.32    408943.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 3748852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
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0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

PAGE 18
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
	408843.32	408893.32	408943.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				

- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748602.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748552.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748502.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748452.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748402.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748352.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748302.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748252.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748202.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748152.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748102.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748052.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748002.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747952.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408093.32	408143.32	408193.32	408243.32	408293.32	408343.32	408393.32	408443.32	408493.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408393.32	408443.32	408493.32			

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32	408843.32	408893.32	408943.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:31:17

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     408543.32    408593.32    408643.32    408693.32    408743.32    408793.32
    408843.32    408893.32    408943.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:31:17

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     408993.32    409043.32    409093.32    409143.32    409193.32    409243.32
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98

L0000020	407293.3	3748052.8	-38.95
L0000020	407343.3	3748052.8	-7.69
L0000021	407343.3	3747952.8	-3.34
L0000021	407293.3	3748002.8	-4.68
L0000021	407343.3	3748002.8	-53.07
L0000021	407393.3	3748002.8	-7.20
L0000021	407343.3	3748052.8	-8.65
L0000022	407343.3	3747952.8	-3.35
L0000022	407393.3	3747952.8	-34.17
L0000022	407443.3	3747952.8	0.39
L0000022	407343.3	3748002.8	-0.34
L0000022	407393.3	3748002.8	-27.68
L0000023	407443.3	3747902.8	-14.82
L0000023	407393.3	3747952.8	-10.42
L0000023	407443.3	3747952.8	-45.40
L0000023	407493.3	3747952.8	0.09
L0000024	407443.3	3747902.8	-13.47
L0000024	407493.3	3747902.8	-42.84
L0000024	407493.3	3747952.8	-15.02
L0000025	407493.3	3747852.8	-8.15
L0000025	407543.3	3747852.8	-24.62
L0000025	407493.3	3747902.8	-12.55
L0000025	407543.3	3747902.8	-31.87
L0000026	407593.3	3747802.8	-5.53
L0000026	407543.3	3747852.8	-21.20
L0000026	407593.3	3747852.8	-40.65
L0000026	407593.3	3747902.8	-1.93
L0000027	407593.3	3747802.8	-20.16
L0000027	407643.3	3747802.8	-30.71
L0000027	407593.3	3747852.8	-10.57
L0000027	407643.3	3747852.8	-18.33
L0000028	407643.3	3747752.8	-10.07
L0000028	407693.3	3747752.8	-13.64
L0000028	407643.3	3747802.8	-24.70
L0000028	407693.3	3747802.8	-30.22
L0000029	407693.3	3747752.8	-30.58
L0000029	407743.3	3747752.8	-30.28
L0000029	407693.3	3747802.8	-4.95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57

L0000032	407843.3	3747702.8	-15.44
L0000032	407893.3	3747702.8	-4.17
L0000033	407893.3	3747602.8	-23.08
L0000033	407943.3	3747602.8	-6.29
L0000033	407893.3	3747652.8	-33.98
L0000033	407943.3	3747652.8	-12.73
L0000034	407943.3	3747552.8	-5.59
L0000034	407943.3	3747602.8	-48.35
L0000034	407993.3	3747602.8	-13.66
L0000034	407943.3	3747652.8	-5.26
L0000035	407993.3	3747552.8	-36.87
L0000035	408043.3	3747552.8	-6.54
L0000035	407993.3	3747602.8	-24.40
L0000035	408043.3	3747602.8	-0.51
L0000036	408043.3	3747502.8	-18.49
L0000036	407993.3	3747552.8	-3.77
L0000036	408043.3	3747552.8	-43.50
L0000036	408093.3	3747552.8	-5.17
L0000037	408093.3	3747452.8	0.42
L0000037	408043.3	3747502.8	-8.33
L0000037	408093.3	3747502.8	-49.08
L0000037	408143.3	3747502.8	-2.88
L0000037	408093.3	3747552.8	-12.28
L0000038	408093.3	3747452.8	-5.49
L0000038	408143.3	3747452.8	-30.05
L0000038	408093.3	3747502.8	-5.69
L0000038	408143.3	3747502.8	-30.44
L0000039	408193.3	3747402.8	-11.62
L0000039	408143.3	3747452.8	-15.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64
L0000044	408443.3	3747252.8	-11.66
L0000044	408393.3	3747302.8	-26.64

L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13
L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000049	408643.3	3747152.8	-4.47
L0000050	408643.3	3747052.8	-17.45
L0000050	408693.3	3747052.8	-26.48
L0000050	408643.3	3747102.8	-14.60
L0000050	408693.3	3747102.8	-22.85
L0000051	408693.3	3747002.8	-3.07
L0000051	408743.3	3747002.8	-7.28
L0000051	408693.3	3747052.8	-26.14
L0000051	408743.3	3747052.8	-34.46
L0000052	408743.3	3747002.8	-24.53
L0000052	408793.3	3747002.8	-28.63
L0000052	408743.3	3747052.8	-11.92
L0000052	408793.3	3747052.8	-14.75
L0000053	408793.3	3746952.8	-11.17
L0000053	408843.3	3746952.8	-11.78
L0000053	408793.3	3747002.8	-27.28
L0000053	408843.3	3747002.8	-28.24
L0000054	408843.3	3746952.8	-30.94
L0000054	408893.3	3746952.8	-28.43
L0000054	408843.3	3747002.8	-7.99
L0000054	408893.3	3747002.8	-6.64
L0000055	408893.3	3746902.8	-18.88
L0000055	408943.3	3746902.8	-15.01
L0000055	408893.3	3746952.8	-26.24
L0000055	408943.3	3746952.8	-21.54
L0000056	408943.3	3746902.8	-33.59
L0000056	408993.3	3746902.8	-27.57
L0000056	408943.3	3746952.8	-5.60
L0000056	408993.3	3746952.8	-2.65

L0000057	408993.3	3746852.8	-19.42
L0000057	409043.3	3746852.8	-15.40
L0000057	408993.3	3746902.8	-25.88
L0000057	409043.3	3746902.8	-21.11
L0000058	409043.3	3746852.8	-33.80
L0000058	409093.3	3746852.8	-27.57
L0000058	409043.3	3746902.8	-5.08
L0000058	409093.3	3746902.8	-2.08

*** 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 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 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,

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

Surface file:
KFUL_V9_ADJU\KFUL_V9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	283.8	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32
3748852.8	0.19820m(13010324)	0.23038m(13010324)	0.26888m(13010324)	0.30772m(13010324)	0.33345m(13010324)
3748802.8	0.22330m(13010324)	0.27227m(13010324)	0.34324m(13010324)	0.43302m(13010324)	0.48898m(13010324)
3748752.8	0.24791m(13010324)	0.31873m(13010324)	0.45284m(13010324)	0.75756m(13010324)	0.49882m(13010324)
3748702.8	0.26649m(13010324)	0.35371m(13010324)	0.54636m(13010324)	0.52787m(13010324)	0.43850m(13010324)
3748652.8	0.27464m(13010324)	0.36178m(13010324)	0.53236m(13010324)	0.94436m(13010324)	0.63679m(13010324)
3748602.8	0.27283m(13010324)	0.34885m(13010324)	0.47496m(13010324)	0.69870m(13010324)	1.12900m(13010324)
3748552.8	0.26462m(13010324)	0.32779m(13010324)	0.42140m(13010324)	0.56479m(13010324)	0.79616m(13010324)
3748502.8	0.25330m(13010324)	0.30542m(13010324)	0.37719m(13010324)	0.47819m(13010324)	0.62558m(13010324)
3748452.8	0.24086m(13010324)	0.28416m(13010324)	0.34087m(13010324)	0.41633m(13010324)	0.51947m(13010324)
3748402.8	0.22835m(13010324)	0.26470m(13010324)	0.31059m(13010324)	0.36926m(13010324)	0.44579m(13010324)
3748352.8	0.21626m(13010324)	0.24709m(13010324)	0.28493m(13010324)	0.33184m(13010324)	0.39088m(13010324)
3748302.8	0.20481m(13010324)	0.23120m(13010324)	0.26287m(13010324)	0.30115m(13010324)	0.34799m(13010324)
3748252.8	0.19407m(13010324)	0.21685m(13010324)	0.24367m(13010324)	0.27543m(13010324)	0.31337m(13010324)
3748202.8	0.18406m(13010324)	0.20387m(13010324)	0.22681m(13010324)	0.25351m(13010324)	0.28476m(13010324)
3748152.8	0.17475m(13010324)	0.19209m(13010324)	0.21190m(13010324)	0.23460m(13010324)	0.26072m(13010324)
3748102.8	0.16612m(13010324)	0.18139m(13010324)	0.19863m(13010324)	0.21813m(13010324)	0.24024m(13010324)
3748052.8	0.15811m(13010324)	0.17164m(13010324)	0.18675m(13010324)	0.20366m(13010324)	0.22259m(13010324)
3748002.8	0.15068m(13010324)	0.16273m(13010324)	0.17607m(13010324)	0.19085m(13010324)	0.20723m(13010324)
3747952.8	0.14378m(13010324)	0.15457m(13010324)	0.16642m(13010324)		

0.17943m(13010324) 0.19374m(13010324)
3747902.8 | 0.13737m(13010324) 0.14707m(13010324) 0.15766m(13010324)
0.16920m(13010324) 0.18180m(13010324)
3747852.8 | 0.13140m(13010324) 0.14017m(13010324) 0.14967m(13010324)
0.15998m(13010324) 0.17115m(13010324)
3747802.8 | 0.12583m(13010324) 0.13379m(13010324) 0.14237m(13010324)
0.15162m(13010324) 0.16159m(13010324)
3747752.8 | 0.12063m(13010324) 0.12788m(13010324) 0.13566m(13010324)
0.14401m(13010324) 0.15296m(13010324)
3747702.8 | 0.11577m(13010324) 0.12239m(13010324) 0.12947m(13010324)
0.13704m(13010324) 0.14513m(13010324)
3747652.8 | 0.11121m(13010324) 0.11729m(13010324) 0.12375m(13010324)
0.13064m(13010324) 0.13797m(13010324)
3747602.8 | 0.10693m(13010324) 0.11252m(13010324) 0.11845m(13010324)
0.12474m(13010324) 0.13142m(13010324)
3747552.8 | 0.10291m(13010324) 0.10806m(13010324) 0.11351m(13010324)
0.11928m(13010324) 0.12539m(13010324)
3747502.8 | 0.09912m(13010324) 0.10388m(13010324) 0.10891m(13010324)
0.11421m(13010324) 0.11981m(13010324)
3747452.8 | 0.09554m(13010324) 0.09995m(13010324) 0.10460m(13010324)
0.10949m(13010324) 0.11464m(13010324)
3747402.8 | 0.09215m(13010324) 0.09625m(13010324) 0.10056m(13010324)
0.10509m(13010324) 0.10984m(13010324)
3747352.8 | 0.08895m(13010324) 0.09276m(13010324) 0.09676m(13010324)
0.10096m(13010324) 0.10535m(13010324)
3747302.8 | 0.08591m(13010324) 0.08947m(13010324) 0.09319m(13010324)
0.09709m(13010324) 0.10116m(13010324)
3747252.8 | 0.08302m(13010324) 0.08635m(13010324) 0.08982m(13010324)
0.09344m(13010324) 0.09723m(13010324)
3747202.8 | 0.08028m(13010324) 0.08339m(13010324) 0.08663m(13010324)
0.09001m(13010324) 0.09353m(13010324)
3747152.8 | 0.07767m(13010324) 0.08058m(13010324) 0.08361m(13010324)
0.08677m(13010324) 0.09005m(13010324)
3747102.8 | 0.07518m(13010324) 0.07791m(13010324) 0.08075m(13010324)
0.08370m(13010324) 0.08677m(13010324)
3747052.8 | 0.07281m(13010324) 0.07537m(13010324) 0.07803m(13010324)
0.08079m(13010324) 0.08366m(13010324)
3747002.8 | 0.07054m(13010324) 0.07295m(13010324) 0.07545m(13010324)
0.07804m(13010324) 0.08072m(13010324)
3746952.8 | 0.06837m(13010324) 0.07064m(13010324) 0.07298m(13010324)
0.07542m(13010324) 0.07793m(13010324)
3746902.8 | 0.06629m(13010324) 0.06843m(13010324) 0.07064m(13010324)
0.07292m(13010324) 0.07528m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

```
 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       406293.32              406343.32              406393.32
 406443.32              406493.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

3746852.8 |      0.06430m(13010324)      0.06632m(13010324)      0.06840m(13010324)
0.07055m(13010324)      0.07276m(13010324)
3746802.8 |      0.06240m(13010324)      0.06430m(13010324)      0.06626m(13010324)
0.06828m(13010324)      0.07037m(13010324)
3746752.8 |      0.06057m(13010324)      0.06236m(13010324)      0.06421m(13010324)
0.06612m(13010324)      0.06808m(13010324)
3746702.8 |      0.05882m(13010324)      0.06051m(13010324)      0.06226m(13010324)
0.06405m(13010324)      0.06590m(13010324)
3746652.8 |      0.05713m(13010324)      0.05873m(13010324)      0.06038m(13010324)
0.06207m(13010324)      0.06382m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:31:17

                     PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN
                                     MICROGRAMS/M**3                          **

 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       406543.32              406593.32              406643.32
 406693.32              406743.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

3748852.8 |      0.33788m(13010324)      0.32705m(13010324)      0.30992m(13010324)
0.29155m(13010324)      0.27407m(13010324)
3748802.8 |      0.47361m(13010324)      0.43155m(13010324)      0.38982m(13010324)
0.35399m(13010324)      0.32416m(13010324)
3748752.8 |      0.76338m(13010324)      0.60836m(13010324)      0.50854m(13010324)
0.43961m(13010324)      0.38928m(13010324)
3748702.8 |      0.89072m(13010324)      0.92774m(13010324)      0.69133m(13010324)
0.55967m(13010324)      0.47530m(13010324)
3748652.8 |      0.71163m(13010324)      1.02748m(13010324)      0.99762m(13010324)
0.73636m(13010324)      0.59253m(13010324)
3748602.8 |      0.79099m(13010324)      0.84274m(13010324)      0.75108m(13010324)
1.02656m(13010324)      0.76259m(13010324)
3748552.8 |      1.23030m(13010324)      0.80893m(13010324)      0.98560m(13010324)
1.15545m(13010324)      1.04060m(13010324)
3748502.8 |      0.85917m(13010324)      1.30618m(13010324)      0.85780m(13010324)
0.91055m(13010324)      1.11558m(13010324)
3748452.8 |      0.66797m(13010324)      0.90420m(13010324)      1.36130m(13010324)
0.95629m(13010324)      0.90870m(13010324)
3748402.8 |      0.54923m(13010324)      0.69803m(13010324)      0.93667m(13010324)
```

1.40479m(13010324) 0.93330m(13010324)
3748352.8 | 0.46713m(13010324) 0.56974m(13010324) 0.71735m(13010324)
0.95476m(13010324) 1.03144m(13010324)
3748302.8 | 0.40634m(13010324) 0.48106m(13010324) 0.58076m(13010324)
0.72206m(13010324) 0.93964m(13010324)
3748252.8 | 0.35925m(13010324) 0.41576m(13010324) 0.48709m(13010324)
0.58007m(13010324) 0.70612m(13010324)
3748202.8 | 0.32165m(13010324) 0.36569m(13010324) 0.41906m(13010324)
0.48490m(13010324) 0.56795m(13010324)
3748152.8 | 0.29094m(13010324) 0.32615m(13010324) 0.36754m(13010324)
0.41675m(13010324) 0.47605m(13010324)
3748102.8 | 0.26540m(13010324) 0.29417m(13010324) 0.32723m(13010324)
0.36551m(13010324) 0.41025m(13010324)
3748052.8 | 0.24385m(13010324) 0.26779m(13010324) 0.29483m(13010324)
0.32555m(13010324) 0.36067m(13010324)
3748002.8 | 0.22542m(13010324) 0.24565m(13010324) 0.26821m(13010324)
0.29346m(13010324) 0.32186m(13010324)
3747952.8 | 0.20948m(13010324) 0.22681m(13010324) 0.24594m(13010324)
0.26709m(13010324) 0.29059m(13010324)
3747902.8 | 0.19555m(13010324) 0.21057m(13010324) 0.22700m(13010324)
0.24501m(13010324) 0.26481m(13010324)
3747852.8 | 0.18327m(13010324) 0.19641m(13010324) 0.21069m(13010324)
0.22622m(13010324) 0.24316m(13010324)
3747802.8 | 0.17235m(13010324) 0.18395m(13010324) 0.19647m(13010324)
0.21001m(13010324) 0.22468m(13010324)
3747752.8 | 0.16257m(13010324) 0.17289m(13010324) 0.18397m(13010324)
0.19588m(13010324) 0.20871m(13010324)
3747702.8 | 0.15376m(13010324) 0.16300m(13010324) 0.17287m(13010324)
0.18343m(13010324) 0.19475m(13010324)
3747652.8 | 0.14578m(13010324) 0.15409m(13010324) 0.16294m(13010324)
0.17237m(13010324) 0.18244m(13010324)
3747602.8 | 0.13850m(13010324) 0.14602m(13010324) 0.15400m(13010324)
0.16247m(13010324) 0.17148m(13010324)
3747552.8 | 0.13184m(13010324) 0.13867m(13010324) 0.14590m(13010324)
0.15355m(13010324) 0.16166m(13010324)
3747502.8 | 0.12572m(13010324) 0.13195m(13010324) 0.13852m(13010324)
0.14546m(13010324) 0.15280m(13010324)
3747452.8 | 0.12006m(13010324) 0.12577m(13010324) 0.13177m(13010324)
0.13809m(13010324) 0.14476m(13010324)
3747402.8 | 0.11483m(13010324) 0.12007m(13010324) 0.12557m(13010324)
0.13135m(13010324) 0.13742m(13010324)
3747352.8 | 0.10996m(13010324) 0.11478m(13010324) 0.11984m(13010324)
0.12514m(13010324) 0.13070m(13010324)
3747302.8 | 0.10542m(13010324) 0.10988m(13010324) 0.11454m(13010324)
0.11941m(13010324) 0.12452m(13010324)
3747252.8 | 0.10118m(13010324) 0.10530m(13010324) 0.10961m(13010324)
0.11411m(13010324) 0.11880m(13010324)
3747202.8 | 0.09720m(13010324) 0.10103m(13010324) 0.10502m(13010324)
0.10917m(13010324) 0.11351m(13010324)
3747152.8 | 0.09347m(13010324) 0.09702m(13010324) 0.10072m(13010324)
0.10457m(13010324) 0.10858m(13010324)
3747102.8 | 0.08995m(13010324) 0.09326m(13010324) 0.09670m(13010324)
0.10028m(13010324) 0.10399m(13010324)
3747052.8 | 0.08664m(13010324) 0.08972m(13010324) 0.09292m(13010324)
0.09625m(13010324) 0.09970m(13010324)
3747002.8 | 0.08350m(13010324) 0.08638m(13010324) 0.08937m(13010324)
0.09247m(13010324) 0.09567m(13010324)
3746952.8 | 0.08054m(13010324) 0.08323m(13010324) 0.08602m(13010324)
0.08891m(13010324) 0.09189m(13010324)
3746902.8 | 0.07772m(13010324) 0.08025m(13010324) 0.08285m(13010324)
0.08555m(13010324) 0.08833m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	406543.32	406593.32	406643.32	406693.32	406743.32
3746852.8	0.07505m(13010324)	0.07742m(13010324)	0.07986m(13010324)	0.08238m(13010324)	0.08498m(13010324)
3746802.8	0.07252m(13010324)	0.07473m(13010324)	0.07702m(13010324)	0.07938m(13010324)	0.08181m(13010324)
3746752.8	0.07010m(13010324)	0.07218m(13010324)	0.07433m(13010324)	0.07654m(13010324)	0.07881m(13010324)
3746702.8	0.06780m(13010324)	0.06976m(13010324)	0.07177m(13010324)	0.07384m(13010324)	0.07597m(13010324)
3746652.8	0.06561m(13010324)	0.06745m(13010324)	0.06934m(13010324)	0.07128m(13010324)	0.07327m(13010324)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	406793.32	406843.32	406893.32	406943.32	406993.32
3748852.8	0.25815m(13010324)	0.24391m(13010324)	0.23124m(13010324)		

0.21993m(13010324) 0.20981m(13010324)
3748802.8 | 0.29936m(13010324) 0.27857m(13010324) 0.26095m(13010324)
0.24584m(13010324) 0.23270m(13010324)
3748752.8 | 0.35097m(13010324) 0.32082m(13010324) 0.29647m(13010324)
0.27633m(13010324) 0.25933m(13010324)
3748702.8 | 0.41640m(13010324) 0.37286m(13010324) 0.33929m(13010324)
0.31253m(13010324) 0.29059m(13010324)
3748652.8 | 0.50122m(13010324) 0.43806m(13010324) 0.39170m(13010324)
0.35610m(13010324) 0.32772m(13010324)
3748602.8 | 0.61571m(13010324) 0.52218m(13010324) 0.45738m(13010324)
0.40962m(13010324) 0.37267m(13010324)
3748552.8 | 0.78142m(13010324) 0.63598m(13010324) 0.54279m(13010324)
0.47746m(13010324) 0.42857m(13010324)
3748502.8 | 1.05189m(13010324) 0.80221m(13010324) 0.66059m(13010324)
0.56769m(13010324) 0.50091m(13010324)
3748452.8 | 1.13676m(13010324) 1.07956m(13010324) 0.83999m(13010324)
0.69707m(13010324) 0.60014m(13010324)
3748402.8 | 0.98470m(13010324) 0.86035m(13010324) 1.16770m(13010324)
0.90646m(13010324) 0.74863m(13010324)
3748352.8 | 0.89215m(13010324) 1.02809m(13010324) 1.29407m(13010324)
1.32656m(13010324) 1.00436m(13010324)
3748302.8 | 1.31562m(13010324) 0.88184m(13010324) 0.95973m(13010324)
1.00106m(13010324) 1.13997m(13010324)
3748252.8 | 0.88657m(13010324) 1.17220m(13010324) 1.17763m(13010324)
0.94168m(13010324) 0.97017m(13010324)
3748202.8 | 0.67597m(13010324) 0.82352m(13010324) 1.04229m(13010324)
1.42033m(13010324) 0.94921m(13010324)
3748152.8 | 0.54892m(13010324) 0.64115m(13010324) 0.76340m(13010324)
0.93763m(13010324) 1.21629m(13010324)
3748102.8 | 0.46325m(13010324) 0.52727m(13010324) 0.60694m(13010324)
0.71043m(13010324) 0.85342m(13010324)
3748052.8 | 0.40122m(13010324) 0.44871m(13010324) 0.50547m(13010324)
0.57525m(13010324) 0.66436m(13010324)
3748002.8 | 0.35405m(13010324) 0.39091m(13010324) 0.43376m(13010324)
0.48455m(13010324) 0.54633m(13010324)
3747952.8 | 0.31685m(13010324) 0.34642m(13010324) 0.38010m(13010324)
0.41902m(13010324) 0.46481m(13010324)
3747902.8 | 0.28669m(13010324) 0.31102m(13010324) 0.33830m(13010324)
0.36922m(13010324) 0.40475m(13010324)
3747852.8 | 0.26170m(13010324) 0.28211m(13010324) 0.30471m(13010324)
0.32997m(13010324) 0.35847m(13010324)
3747802.8 | 0.24062m(13010324) 0.25801m(13010324) 0.27708m(13010324)
0.29815m(13010324) 0.32160m(13010324)
3747752.8 | 0.22256m(13010324) 0.23757m(13010324) 0.25391m(13010324)
0.27178m(13010324) 0.29147m(13010324)
3747702.8 | 0.20691m(13010324) 0.22001m(13010324) 0.23417m(13010324)
0.24954m(13010324) 0.26632m(13010324)
3747652.8 | 0.19320m(13010324) 0.20473m(13010324) 0.21713m(13010324)
0.23050m(13010324) 0.24500m(13010324)
3747602.8 | 0.18107m(13010324) 0.19131m(13010324) 0.20225m(13010324)
0.21400m(13010324) 0.22665m(13010324)
3747552.8 | 0.17026m(13010324) 0.17940m(13010324) 0.18914m(13010324)
0.19954m(13010324) 0.21069m(13010324)
3747502.8 | 0.16055m(13010324) 0.16877m(13010324) 0.17749m(13010324)
0.18676m(13010324) 0.19665m(13010324)
3747452.8 | 0.15178m(13010324) 0.15920m(13010324) 0.16705m(13010324)
0.17537m(13010324) 0.18421m(13010324)
3747402.8 | 0.14381m(13010324) 0.15054m(13010324) 0.15764m(13010324)
0.16515m(13010324) 0.17309m(13010324)
3747352.8 | 0.13654m(13010324) 0.14267m(13010324) 0.14912m(13010324)
0.15591m(13010324) 0.16308m(13010324)
3747302.8 | 0.12986m(13010324) 0.13546m(13010324) 0.14135m(13010324)
0.14753m(13010324) 0.15403m(13010324)
3747252.8 | 0.12371m(13010324) 0.12885m(13010324) 0.13423m(13010324)
0.13987m(13010324) 0.14579m(13010324)
3747202.8 | 0.11803m(13010324) 0.12275m(13010324) 0.12769m(13010324)

0.13285m(13010324) 0.13826m(13010324)
3747152.8 | 0.11276m(13010324) 0.11711m(13010324) 0.12165m(13010324)
0.12639m(13010324) 0.13135m(13010324)
3747102.8 | 0.10786m(13010324) 0.11188m(13010324) 0.11606m(13010324)
0.12042m(13010324) 0.12497m(13010324)
3747052.8 | 0.10328m(13010324) 0.10700m(13010324) 0.11087m(13010324)
0.11489m(13010324) 0.11908m(13010324)
3747002.8 | 0.09900m(13010324) 0.10245m(13010324) 0.10603m(13010324)
0.10975m(13010324) 0.11361m(13010324)
3746952.8 | 0.09499m(13010324) 0.09819m(13010324) 0.10151m(13010324)
0.10495m(13010324) 0.10852m(13010324)
3746902.8 | 0.09121m(13010324) 0.09419m(13010324) 0.09728m(13010324)
0.10047m(13010324) 0.10377m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
406793.32 406843.32 406893.32 406943.32 406993.32
- - - -

L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	407043.32	407093.32	407143.32	407193.32	407243.32
3748852.8	0.20069m(13010324)	0.19242m(13010324)	0.18486m(13010324)	0.17791m(13010324)	0.17147m(13010324)
3748802.8	0.22115m(13010324)	0.21088m(13010324)	0.20164m(13010324)	0.19326m(13010324)	0.18560m(13010324)
3748752.8	0.24474m(13010324)	0.23200m(13010324)	0.22072m(13010324)	0.21063m(13010324)	0.20150m(13010324)
3748702.8	0.27216m(13010324)	0.25636m(13010324)	0.24258m(13010324)	0.23040m(13010324)	0.21950m(13010324)
3748652.8	0.30441m(13010324)	0.28476m(13010324)	0.26788m(13010324)	0.25312m(13010324)	0.24005m(13010324)
3748602.8	0.34298m(13010324)	0.31839m(13010324)	0.29754m(13010324)	0.27955m(13010324)	0.26378m(13010324)
3748552.8	0.39020m(13010324)	0.35900m(13010324)	0.33296m(13010324)	0.31076m(13010324)	0.29154m(13010324)
3748502.8	0.44996m(13010324)	0.40943m(13010324)	0.37622m(13010324)	0.34836m(13010324)	0.32457m(13010324)
3748452.8	0.52914m(13010324)	0.47442m(13010324)	0.43069m(13010324)	0.39480m(13010324)	0.36472m(13010324)
3748402.8	0.64114m(13010324)	0.56249m(13010324)	0.50210m(13010324)	0.45407m(13010324)	0.41485m(13010324)
3748352.8	0.81586m(13010324)	0.69075m(13010324)	0.60098m(13010324)	0.53306m(13010324)	0.47967m(13010324)
3748302.8	1.13738m(13010324)	0.89964m(13010324)	0.74942m(13010324)	0.64495m(13010324)	0.56760m(13010324)
3748252.8	1.26355m(13010324)	1.31751m(13010324)	1.00374m(13010324)	0.81885m(13010324)	0.69539m(13010324)
3748202.8	0.96814m(13010324)	0.95077m(13010324)	1.13255m(13010324)	1.13646m(13010324)	0.90255m(13010324)
3748152.8	1.19935m(13010324)	0.99915m(13010324)	0.96715m(13010324)	0.91176m(13010324)	1.31449m(13010324)
3748102.8	1.06978m(13010324)	1.44925m(13010324)	1.34400m(13010324)	1.01962m(13010324)	0.94376m(13010324)
3748052.8	0.78423m(13010324)	0.95772m(13010324)	1.23852m(13010324)	1.25140m(13010324)	1.07754m(13010324)
3748002.8	0.62401m(13010324)	0.72602m(13010324)	0.86815m(13010324)	1.08403m(13010324)	1.45989m(13010324)
3747952.8	0.51995m(13010324)	0.58825m(13010324)	0.67602m(13010324)	0.79440m(13010324)	0.96564m(13010324)
3747902.8	0.44627m(13010324)	0.49577m(13010324)	0.55627m(13010324)	0.63256m(13010324)	0.73286m(13010324)
3747852.8	0.39106m(13010324)	0.42888m(13010324)	0.47356m(13010324)	0.52753m(13010324)	0.59454m(13010324)
3747802.8	0.34798m(13010324)	0.37798m(13010324)	0.41257m(13010324)	0.45312m(13010324)	0.50160m(13010324)
3747752.8	0.31332m(13010324)	0.33779m(13010324)	0.36551m(13010324)	0.39728m(13010324)	0.43427m(13010324)
3747702.8	0.28476m(13010324)	0.30517m(13010324)	0.32795m(13010324)	0.35364m(13010324)	0.38294m(13010324)
3747652.8	0.26079m(13010324)	0.27809m(13010324)	0.29720m(13010324)		

0.31846m(13010324) 0.34234m(13010324)
3747602.8 | 0.24034m(13010324) 0.25523m(13010324) 0.27151m(13010324)
0.28943m(13010324) 0.30932m(13010324)
3747552.8 | 0.22267m(13010324) 0.23562m(13010324) 0.24968m(13010324)
0.26502m(13010324) 0.28187m(13010324)
3747502.8 | 0.20724m(13010324) 0.21861m(13010324) 0.23087m(13010324)
0.24416m(13010324) 0.25865m(13010324)
3747452.8 | 0.19363m(13010324) 0.20369m(13010324) 0.21449m(13010324)
0.22612m(13010324) 0.23871m(13010324)
3747402.8 | 0.18152m(13010324) 0.19049m(13010324) 0.20007m(13010324)
0.21033m(13010324) 0.22138m(13010324)
3747352.8 | 0.17067m(13010324) 0.17871m(13010324) 0.18727m(13010324)
0.19639m(13010324) 0.20616m(13010324)
3747302.8 | 0.16089m(13010324) 0.16814m(13010324) 0.17582m(13010324)
0.18398m(13010324) 0.19267m(13010324)
3747252.8 | 0.15202m(13010324) 0.15858m(13010324) 0.16551m(13010324)
0.17285m(13010324) 0.18063m(13010324)
3747202.8 | 0.14394m(13010324) 0.14990m(13010324) 0.15618m(13010324)
0.16280m(13010324) 0.16981m(13010324)
3747152.8 | 0.13653m(13010324) 0.14197m(13010324) 0.14768m(13010324)
0.15369m(13010324) 0.16002m(13010324)
3747102.8 | 0.12973m(13010324) 0.13470m(13010324) 0.13991m(13010324)
0.14537m(13010324) 0.15112m(13010324)
3747052.8 | 0.12345m(13010324) 0.12800m(13010324) 0.13277m(13010324)
0.13775m(13010324) 0.14298m(13010324)
3747002.8 | 0.11763m(13010324) 0.12182m(13010324) 0.12619m(13010324)
0.13075m(13010324) 0.13552m(13010324)
3746952.8 | 0.11223m(13010324) 0.11609m(13010324) 0.12010m(13010324)
0.12428m(13010324) 0.12865m(13010324)
3746902.8 | 0.10720m(13010324) 0.11076m(13010324) 0.11445m(13010324)
0.11829m(13010324) 0.12229m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
407043.32 407093.32 407143.32 407193.32 407243.32
- - - -

0.10271m(13010324) 0.10583m(13010324)
3746702.8 | 0.09011m(13010324) 0.09272m(13010324) 0.09541m(13010324)
0.09819m(13010324) 0.10106m(13010324)
3746652.8 | 0.08646m(13010324) 0.08889m(13010324) 0.09138m(13010324)
0.09395m(13010324) 0.09660m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

PAGE 51
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
407293.32 407343.32 407393.32 407443.32 407493.32
- - - -

0.76082m(13010324) 0.65631m(13010324)
3748052.8 | 1.00957m(13010324) 0.90518m(13010324) 1.32581m(13010324)
1.01616m(13010324) 0.83144m(13010324)
3748002.8 | 0.95131m(13010324) 0.72938m(13010324) 0.97572m(13010324)
1.58334m(13010324) 1.15326m(13010324)
3747952.8 | 1.24212m(13010324) 0.88573m(13010324) 0.99774m(13010324)
1.11030m(13010324) 0.92771m(13010324)
3747902.8 | 0.87258m(13010324) 1.08486m(13010324) 1.45635m(13010324)
0.93352m(13010324) 1.02461m(13010324)
3747852.8 | 0.68079m(13010324) 0.79733m(13010324) 0.96611m(13010324)
1.23893m(13010324) 1.24891m(13010324)
3747802.8 | 0.56100m(13010324) 0.63609m(13010324) 0.73500m(13010324)
0.87295m(13010324) 1.08240m(13010324)
3747752.8 | 0.47809m(13010324) 0.53116m(13010324) 0.59721m(13010324)
0.68237m(13010324) 0.79755m(13010324)
3747702.8 | 0.41683m(13010324) 0.45666m(13010324) 0.50439m(13010324)
0.56300m(13010324) 0.63721m(13010324)
3747652.8 | 0.36946m(13010324) 0.40063m(13010324) 0.43701m(13010324)
0.48020m(13010324) 0.53261m(13010324)
3747602.8 | 0.33159m(13010324) 0.35676m(13010324) 0.38554m(13010324)
0.41891m(13010324) 0.45821m(13010324)
3747552.8 | 0.30052m(13010324) 0.32133m(13010324) 0.34476m(13010324)
0.37143m(13010324) 0.40216m(13010324)
3747502.8 | 0.27452m(13010324) 0.29205m(13010324) 0.31154m(13010324)
0.33340m(13010324) 0.35819m(13010324)
3747452.8 | 0.25240m(13010324) 0.26738m(13010324) 0.28387m(13010324)
0.30217m(13010324) 0.32263m(13010324)
3747402.8 | 0.23331m(13010324) 0.24627m(13010324) 0.26042m(13010324)
0.27598m(13010324) 0.29318m(13010324)
3747352.8 | 0.21665m(13010324) 0.22798m(13010324) 0.24026m(13010324)
0.25366m(13010324) 0.26834m(13010324)
3747302.8 | 0.20197m(13010324) 0.21196m(13010324) 0.22272m(13010324)
0.23437m(13010324) 0.24706m(13010324)
3747252.8 | 0.18893m(13010324) 0.19779m(13010324) 0.20729m(13010324)
0.21752m(13010324) 0.22859m(13010324)
3747202.8 | 0.17725m(13010324) 0.18516m(13010324) 0.19360m(13010324)
0.20265m(13010324) 0.21239m(13010324)
3747152.8 | 0.16672m(13010324) 0.17382m(13010324) 0.18137m(13010324)
0.18942m(13010324) 0.19804m(13010324)
3747102.8 | 0.15717m(13010324) 0.16357m(13010324) 0.17035m(13010324)
0.17755m(13010324) 0.18523m(13010324)
3747052.8 | 0.14848m(13010324) 0.15427m(13010324) 0.16038m(13010324)
0.16685m(13010324) 0.17372m(13010324)
3747002.8 | 0.14052m(13010324) 0.14578m(13010324) 0.15131m(13010324)
0.15714m(13010324) 0.16331m(13010324)
3746952.8 | 0.13321m(13010324) 0.13799m(13010324) 0.14301m(13010324)
0.14829m(13010324) 0.15385m(13010324)
3746902.8 | 0.12647m(13010324) 0.13083m(13010324) 0.13539m(13010324)
0.14018m(13010324) 0.14521m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,

L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407293.32	407343.32	407393.32	407443.32	407493.32
3746852.8	0.12023m(13010324)	0.12421m(13010324)	0.12837m(13010324)	0.13272m(13010324)	0.13728m(13010324)
3746802.8	0.11444m(13010324)	0.11809m(13010324)	0.12188m(13010324)	0.12585m(13010324)	0.12999m(13010324)
3746752.8	0.10905m(13010324)	0.11240m(13010324)	0.11587m(13010324)	0.11948m(13010324)	0.12325m(13010324)
3746702.8	0.10403m(13010324)	0.10710m(13010324)	0.11028m(13010324)	0.11358m(13010324)	0.11701m(13010324)
3746652.8	0.09933m(13010324)	0.10215m(13010324)	0.10507m(13010324)	0.10809m(13010324)	0.11122m(13010324)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:31:17

PAGE 53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407543.32	407593.32	407643.32	407693.32	407743.32
3748852.8	0.14053m(13010324)	0.13629m(13010324)	0.13225m(13010324)	0.12838m(13010324)	0.12468m(13010324)
3748802.8	0.14977m(13010324)	0.14497m(13010324)	0.14042m(13010324)	0.13609m(13010324)	0.13195m(13010324)
3748752.8	0.15993m(13010324)	0.15449m(13010324)	0.14936m(13010324)	0.14449m(13010324)	0.13987m(13010324)
3748702.8	0.17115m(13010324)	0.16497m(13010324)	0.15916m(13010324)	0.15368m(13010324)	0.14850m(13010324)
3748652.8	0.18359m(13010324)	0.17655m(13010324)	0.16997m(13010324)	0.16379m(13010324)	0.15796m(13010324)
3748602.8	0.19749m(13010324)	0.18943m(13010324)	0.18194m(13010324)	0.17494m(13010324)	0.16837m(13010324)
3748552.8	0.21312m(13010324)	0.20385m(13010324)	0.19527m(13010324)		

0.18731m(13010324) 0.17988m(13010324)
3748502.8 | 0.23082m(13010324) 0.22009m(13010324) 0.21023m(13010324)
0.20112m(13010324) 0.19267m(13010324)
3748452.8 | 0.25108m(13010324) 0.23856m(13010324) 0.22714m(13010324)
0.21666m(13010324) 0.20700m(13010324)
3748402.8 | 0.27454m(13010324) 0.25978m(13010324) 0.24643m(13010324)
0.23428m(13010324) 0.22315m(13010324)
3748352.8 | 0.30207m(13010324) 0.28446m(13010324) 0.26869m(13010324)
0.25445m(13010324) 0.24153m(13010324)
3748302.8 | 0.33492m(13010324) 0.31357m(13010324) 0.29469m(13010324)
0.27783m(13010324) 0.26265m(13010324)
3748252.8 | 0.37496m(13010324) 0.34856m(13010324) 0.32556m(13010324)
0.30528m(13010324) 0.28724m(13010324)
3748202.8 | 0.42506m(13010324) 0.39157m(13010324) 0.36292m(13010324)
0.33808m(13010324) 0.31628m(13010324)
3748152.8 | 0.49001m(13010324) 0.44598m(13010324) 0.40927m(13010324)
0.37809m(13010324) 0.35120m(13010324)
3748102.8 | 0.57833m(13010324) 0.51755m(13010324) 0.46862m(13010324)
0.42821m(13010324) 0.39418m(13010324)
3748052.8 | 0.70713m(13010324) 0.61690m(13010324) 0.54796m(13010324)
0.49326m(13010324) 0.44861m(13010324)
3748002.8 | 0.91714m(13010324) 0.76646m(13010324) 0.66075m(13010324)
0.58184m(13010324) 0.52029m(13010324)
3747952.8 | 1.33738m(13010324) 1.02401m(13010324) 0.83702m(13010324)
0.71125m(13010324) 0.61996m(13010324)
3747902.8 | 1.41320m(13010324) 1.18054m(13010324) 1.16192m(13010324)
0.92281m(13010324) 0.77028m(13010324)
3747852.8 | 0.96982m(13010324) 1.02484m(13010324) 1.28850m(13010324)
1.34883m(13010324) 1.02994m(13010324)
3747802.8 | 1.45047m(13010324) 0.94830m(13010324) 0.98852m(13010324)
0.99805m(13010324) 1.16140m(13010324)
3747752.8 | 0.96432m(13010324) 1.23316m(13010324) 1.21072m(13010324)
0.98462m(13010324) 0.98551m(13010324)
3747702.8 | 0.73505m(13010324) 0.87151m(13010324) 1.07842m(13010324)
1.44005m(13010324) 1.34540m(13010324)
3747652.8 | 0.59794m(13010324) 0.68227m(13010324) 0.79641m(13010324)
0.96179m(13010324) 1.22830m(13010324)
3747602.8 | 0.50540m(13010324) 0.56345m(13010324) 0.63707m(13010324)
0.73435m(13010324) 0.87043m(13010324)
3747552.8 | 0.43809m(13010324) 0.48086m(13010324) 0.53287m(13010324)
0.59786m(13010324) 0.68202m(13010324)
3747502.8 | 0.38660m(13010324) 0.41961m(13010324) 0.45858m(13010324)
0.50552m(13010324) 0.56341m(13010324)
3747452.8 | 0.34572m(13010324) 0.37208m(13010324) 0.40253m(13010324)
0.43823m(13010324) 0.48083m(13010324)
3747402.8 | 0.31237m(13010324) 0.33396m(13010324) 0.35848m(13010324)
0.38667m(13010324) 0.41952m(13010324)
3747352.8 | 0.28456m(13010324) 0.30259m(13010324) 0.32281m(13010324)
0.34570m(13010324) 0.37190m(13010324)
3747302.8 | 0.26095m(13010324) 0.27625m(13010324) 0.29323m(13010324)
0.31222m(13010324) 0.33365m(13010324)
3747252.8 | 0.24062m(13010324) 0.25378m(13010324) 0.26824m(13010324)
0.28427m(13010324) 0.30214m(13010324)
3747202.8 | 0.22291m(13010324) 0.23433m(13010324) 0.24680m(13010324)
0.26050m(13010324) 0.27565m(13010324)
3747152.8 | 0.20731m(13010324) 0.21731m(13010324) 0.22817m(13010324)
0.24000m(13010324) 0.25299m(13010324)
3747102.8 | 0.19345m(13010324) 0.20227m(13010324) 0.21179m(13010324)
0.22211m(13010324) 0.23336m(13010324)
3747052.8 | 0.18104m(13010324) 0.18887m(13010324) 0.19727m(13010324)
0.20633m(13010324) 0.21614m(13010324)
3747002.8 | 0.16987m(13010324) 0.17684m(13010324) 0.18429m(13010324)
0.19229m(13010324) 0.20090m(13010324)
3746952.8 | 0.15974m(13010324) 0.16598m(13010324) 0.17262m(13010324)
0.17970m(13010324) 0.18730m(13010324)
3746902.8 | 0.15051m(13010324) 0.15611m(13010324) 0.16205m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407543.32	407593.32	407643.32	407693.32
407743.32				
3746852.8	0.14207m(13010324)	0.14711m(13010324)	0.15243m(13010324)	0.15806m(13010324)
0.16404m(13010324)				
3746802.8	0.13432m(13010324)	0.13887m(13010324)	0.14365m(13010324)	0.14868m(13010324)
0.15401m(13010324)				
3746752.8	0.12718m(13010324)	0.13128m(13010324)	0.13559m(13010324)	0.14011m(13010324)
0.14486m(13010324)				
3746702.8	0.12058m(13010324)	0.12429m(13010324)	0.12817m(13010324)	0.13223m(13010324)
0.13649m(13010324)				
3746652.8	0.11446m(13010324)	0.11783m(13010324)	0.12133m(13010324)	0.12498m(13010324)
0.12879m(13010324)				

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD	X-COORD (METERS)

(METERS)	407793.32	407843.32	407893.32	407943.32	407993.32
3748852.8	0.12112m(13010324)	0.11770m(13010324)	0.11441m(13010324)	0.11123m(13010324)	0.10817m(13010324)
3748802.8	0.12800m(13010324)	0.12421m(13010324)	0.12057m(13010324)	0.11707m(13010324)	0.11371m(13010324)
3748752.8	0.13546m(13010324)	0.13125m(13010324)	0.12723m(13010324)	0.12338m(13010324)	0.11967m(13010324)
3748702.8	0.14358m(13010324)	0.13891m(13010324)	0.13445m(13010324)	0.13019m(13010324)	0.12611m(13010324)
3748652.8	0.15246m(13010324)	0.14725m(13010324)	0.14229m(13010324)	0.13758m(13010324)	0.13308m(13010324)
3748602.8	0.16219m(13010324)	0.15637m(13010324)	0.15085m(13010324)	0.14562m(13010324)	0.14065m(13010324)
3748552.8	0.17292m(13010324)	0.16638m(13010324)	0.16022m(13010324)	0.15440m(13010324)	0.14889m(13010324)
3748502.8	0.18480m(13010324)	0.17744m(13010324)	0.17054m(13010324)	0.16404m(13010324)	0.15790m(13010324)
3748452.8	0.19805m(13010324)	0.18972m(13010324)	0.18194m(13010324)	0.17465m(13010324)	0.16780m(13010324)
3748402.8	0.21290m(13010324)	0.20343m(13010324)	0.19463m(13010324)	0.18642m(13010324)	0.17873m(13010324)
3748352.8	0.22971m(13010324)	0.21885m(13010324)	0.20883m(13010324)	0.19953m(13010324)	0.19087m(13010324)
3748302.8	0.24890m(13010324)	0.23636m(13010324)	0.22486m(13010324)	0.21425m(13010324)	0.20443m(13010324)
3748252.8	0.27105m(13010324)	0.25642m(13010324)	0.24310m(13010324)	0.23091m(13010324)	0.21970m(13010324)
3748202.8	0.29695m(13010324)	0.27967m(13010324)	0.26409m(13010324)	0.24995m(13010324)	0.23703m(13010324)
3748152.8	0.32773m(13010324)	0.30701m(13010324)	0.28854m(13010324)	0.27194m(13010324)	0.25691m(13010324)
3748102.8	0.36502m(13010324)	0.33969m(13010324)	0.31743m(13010324)	0.29767m(13010324)	0.27997m(13010324)
3748052.8	0.41132m(13010324)	0.37960m(13010324)	0.35222m(13010324)	0.32827m(13010324)	0.30710m(13010324)
3748002.8	0.47068m(13010324)	0.42966m(13010324)	0.39506m(13010324)	0.36538m(13010324)	0.33956m(13010324)
3747952.8	0.55014m(13010324)	0.49469m(13010324)	0.44937m(13010324)	0.41149m(13010324)	0.37923m(13010324)
3747902.8	0.66327m(13010324)	0.58335m(13010324)	0.52096m(13010324)	0.47064m(13010324)	0.42902m(13010324)
3747852.8	0.84045m(13010324)	0.71302m(13010324)	0.62055m(13010324)	0.54986m(13010324)	0.49371m(13010324)
3747802.8	1.16820m(13010324)	0.92526m(13010324)	0.77081m(13010324)	0.66264m(13010324)	0.58192m(13010324)
3747752.8	1.31103m(13010324)	1.35440m(13010324)	1.03015m(13010324)	0.83911m(13010324)	0.71090m(13010324)
3747702.8	1.00108m(13010324)	0.96084m(13010324)	1.16659m(13010324)	1.16501m(13010324)	0.92177m(13010324)
3747652.8	1.21887m(13010324)	1.04746m(13010324)	0.99260m(13010324)	0.91854m(13010324)	1.34698m(13010324)
3747602.8	1.07764m(13010324)	1.43904m(13010324)	1.35908m(13010324)	1.06668m(13010324)	0.96113m(13010324)
3747552.8	0.79631m(13010324)	0.96254m(13010324)	1.23132m(13010324)	1.27323m(13010324)	1.03566m(13010324)
3747502.8	0.63704m(13010324)	0.73458m(13010324)	0.87128m(13010324)	1.07983m(13010324)	1.44427m(13010324)
3747452.8	0.53278m(13010324)	0.59785m(13010324)	0.68226m(13010324)	0.79708m(13010324)	0.96439m(13010324)
3747402.8	0.45841m(13010324)	0.50536m(13010324)	0.56342m(13010324)	0.63748m(13010324)	0.73592m(13010324)
3747352.8	0.40225m(13010324)	0.43796m(13010324)	0.48073m(13010324)		

0.53311m(13010324) 0.59914m(13010324)
3747302.8 | 0.35809m(13010324) 0.38629m(13010324) 0.41930m(13010324)
0.45863m(13010324) 0.50650m(13010324)
3747252.8 | 0.32227m(13010324) 0.34516m(13010324) 0.37151m(13010324)
0.40226m(13010324) 0.43878m(13010324)
3747202.8 | 0.29252m(13010324) 0.31149m(13010324) 0.33303m(13010324)
0.35779m(13010324) 0.38664m(13010324)
3747152.8 | 0.26734m(13010324) 0.28331m(13010324) 0.30125m(13010324)
0.32159m(13010324) 0.34496m(13010324)
3747102.8 | 0.24569m(13010324) 0.25930m(13010324) 0.27444m(13010324)
0.29143m(13010324) 0.31070m(13010324)
3747052.8 | 0.22683m(13010324) 0.23854m(13010324) 0.25146m(13010324)
0.26582m(13010324) 0.28192m(13010324)
3747002.8 | 0.21023m(13010324) 0.22038m(13010324) 0.23149m(13010324)
0.24374m(13010324) 0.25734m(13010324)
3746952.8 | 0.19548m(13010324) 0.20433m(13010324) 0.21395m(13010324)
0.22448m(13010324) 0.23606m(13010324)
3746902.8 | 0.18229m(13010324) 0.19004m(13010324) 0.19841m(13010324)
0.20750m(13010324) 0.21743m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
407793.32 407843.32 407893.32 407943.32 407993.32
- - - -

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 408043.32	408093.32	408143.32	408193.32	408243.32
3748852.8	0.10520m(13010324)	0.10233m(13010324)	0.09955m(13010324)	0.09686m(13010324)	0.09425m(13010324)
3748802.8	0.11046m(13010324)	0.10733m(13010324)	0.10430m(13010324)	0.10137m(13010324)	0.09854m(13010324)
3748752.8	0.11612m(13010324)	0.11269m(13010324)	0.10939m(13010324)	0.10620m(13010324)	0.10312m(13010324)
3748702.8	0.12221m(13010324)	0.11845m(13010324)	0.11485m(13010324)	0.11137m(13010324)	0.10803m(13010324)
3748652.8	0.12878m(13010324)	0.12467m(13010324)	0.12072m(13010324)	0.11693m(13010324)	0.11328m(13010324)
3748602.8	0.13591m(13010324)	0.13138m(13010324)	0.12705m(13010324)	0.12291m(13010324)	0.11893m(13010324)
3748552.8	0.14365m(13010324)	0.13866m(13010324)	0.13391m(13010324)	0.12936m(13010324)	0.12501m(13010324)
3748502.8	0.15209m(13010324)	0.14658m(13010324)	0.14134m(13010324)	0.13635m(13010324)	0.13159m(13010324)
3748452.8	0.16134m(13010324)	0.15523m(13010324)	0.14945m(13010324)	0.14395m(13010324)	0.13872m(13010324)
3748402.8	0.17152m(13010324)	0.16472m(13010324)	0.15831m(13010324)	0.15223m(13010324)	0.14647m(13010324)
3748352.8	0.18278m(13010324)	0.17518m(13010324)	0.16804m(13010324)	0.16131m(13010324)	0.15494m(13010324)
3748302.8	0.19530m(13010324)	0.18678m(13010324)	0.17879m(13010324)	0.17129m(13010324)	0.16422m(13010324)
3748252.8	0.20933m(13010324)	0.19971m(13010324)	0.19073m(13010324)	0.18234m(13010324)	0.17446m(13010324)
3748202.8	0.22517m(13010324)	0.21423m(13010324)	0.20408m(13010324)	0.19464m(13010324)	0.18581m(13010324)
3748152.8	0.24322m(13010324)	0.23067m(13010324)	0.21911m(13010324)	0.20842m(13010324)	0.19847m(13010324)
3748102.8	0.26399m(13010324)	0.24947m(13010324)	0.23619m(13010324)	0.22398m(13010324)	0.21270m(13010324)
3748052.8	0.28820m(13010324)	0.27120m(13010324)	0.25578m(13010324)	0.24171m(13010324)	0.22881m(13010324)
3748002.8	0.31684m(13010324)	0.29664m(13010324)	0.27852m(13010324)	0.26213m(13010324)	0.24722m(13010324)
3747952.8	0.35134m(13010324)	0.32692m(13010324)	0.30528m(13010324)	0.28595m(13010324)	0.26852m(13010324)
3747902.8	0.39385m(13010324)	0.36365m(13010324)	0.33733m(13010324)	0.31412m(13010324)	0.29345m(13010324)
3747852.8	0.44778m(13010324)	0.40932m(13010324)	0.37651m(13010324)	0.34808m(13010324)	0.32313m(13010324)
3747802.8	0.51888m(13010324)	0.46795m(13010324)	0.42571m(13010324)		

0.38993m(13010324) 0.35912m(13010324)
3747752.8 | 0.61782m(13010324) 0.54651m(13010324) 0.48968m(13010324)
0.44302m(13010324) 0.40384m(13010324)
3747702.8 | 0.76708m(13010324) 0.65841m(13010324) 0.57694m(13010324)
0.51302m(13010324) 0.46118m(13010324)
3747652.8 | 1.02462m(13010324) 0.83356m(13010324) 0.70461m(13010324)
0.61039m(13010324) 0.53783m(13010324)
3747602.8 | 1.19717m(13010324) 1.15690m(13010324) 0.91340m(13010324)
0.75708m(13010324) 0.64650m(13010324)
3747552.8 | 1.04872m(13010324) 0.91285m(13010324) 1.33271m(13010324)
1.00929m(13010324) 0.81493m(13010324)
3747502.8 | 0.93904m(13010324) 1.06938m(13010324) 0.99625m(13010324)
1.56679m(13010324) 1.11821m(13010324)
3747452.8 | 1.23616m(13010324) 0.89128m(13010324) 0.97966m(13010324)
1.06339m(13010324) 1.25822m(13010324)
3747402.8 | 0.87469m(13010324) 1.08887m(13010324) 1.47852m(13010324)
0.94540m(13010324) 0.99381m(13010324)
3747352.8 | 0.68564m(13010324) 0.80548m(13010324) 0.98643m(13010324)
1.30191m(13010324) 1.28833m(13010324)
3747302.8 | 0.56648m(13010324) 0.64453m(13010324) 0.75164m(13010324)
0.91000m(13010324) 1.17146m(13010324)
3747252.8 | 0.48313m(13010324) 0.53848m(13010324) 0.61008m(13010324)
0.70705m(13010324) 0.84684m(13010324)
3747202.8 | 0.42085m(13010324) 0.46230m(13010324) 0.51381m(13010324)
0.57989m(13010324) 0.66820m(13010324)
3747152.8 | 0.37216m(13010324) 0.40436m(13010324) 0.44325m(13010324)
0.49132m(13010324) 0.55252m(13010324)
3747102.8 | 0.33279m(13010324) 0.35849m(13010324) 0.38883m(13010324)
0.42532m(13010324) 0.47020m(13010324)
3747052.8 | 0.30016m(13010324) 0.32105m(13010324) 0.34528m(13010324)
0.37380m(13010324) 0.40795m(13010324)
3747002.8 | 0.27258m(13010324) 0.28981m(13010324) 0.30948m(13010324)
0.33222m(13010324) 0.35886m(13010324)
3746952.8 | 0.24890m(13010324) 0.26325m(13010324) 0.27943m(13010324)
0.29782m(13010324) 0.31898m(13010324)
3746902.8 | 0.22833m(13010324) 0.24038m(13010324) 0.25379m(13010324)
0.26884m(13010324) 0.28586m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
408043.32	408093.32	408143.32	408193.32	408243.32

- - - -

3746852.8 | 0.21027m(13010324) 0.22045m(13010324) 0.23165m(13010324)
0.24406m(13010324) 0.25788m(13010324)
3746802.8 | 0.19429m(13010324) 0.20293m(13010324) 0.21234m(13010324)
0.22263m(13010324) 0.23394m(13010324)
3746752.8 | 0.18006m(13010324) 0.18742m(13010324) 0.19535m(13010324)
0.20393m(13010324) 0.21324m(13010324)
3746702.8 | 0.16731m(13010324) 0.17360m(13010324) 0.18031m(13010324)
0.18750m(13010324) 0.19519m(13010324)
3746652.8 | 0.15584m(13010324) 0.16123m(13010324) 0.16693m(13010324)
0.17296m(13010324) 0.17935m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408293.32	408343.32	408393.32	408443.32	408493.32
3748852.8	0.09171m(13010324)	0.08925m(13010324)	0.08685m(13010324)	0.08452m(13010324)	0.08226m(13010324)
3748802.8	0.09579m(13010324)	0.09313m(13010324)	0.09055m(13010324)	0.08804m(13010324)	0.08561m(13010324)
3748752.8	0.10015m(13010324)	0.09727m(13010324)	0.09448m(13010324)	0.09177m(13010324)	0.08915m(13010324)
3748702.8	0.10480m(13010324)	0.10168m(13010324)	0.09866m(13010324)	0.09574m(13010324)	0.09292m(13010324)
3748652.8	0.10977m(13010324)	0.10639m(13010324)	0.10312m(13010324)	0.09997m(13010324)	0.09693m(13010324)
3748602.8	0.11511m(13010324)	0.11143m(13010324)	0.10789m(13010324)	0.10448m(13010324)	0.10119m(13010324)
3748552.8	0.12085m(13010324)	0.11685m(13010324)	0.11300m(13010324)	0.10931m(13010324)	0.10575m(13010324)
3748502.8	0.12703m(13010324)	0.12267m(13010324)	0.11849m(13010324)	0.11448m(13010324)	0.11063m(13010324)
3748452.8	0.13373m(13010324)	0.12896m(13010324)	0.12440m(13010324)	0.12004m(13010324)	0.11586m(13010324)
3748402.8	0.14099m(13010324)	0.13577m(13010324)	0.13079m(13010324)	0.12603m(13010324)	0.12148m(13010324)
3748352.8	0.14890m(13010324)	0.14316m(13010324)	0.13771m(13010324)	0.13251m(13010324)	0.12754m(13010324)
3748302.8	0.15755m(13010324)	0.15123m(13010324)	0.14523m(13010324)	0.13953m(13010324)	0.13411m(13010324)
3748252.8	0.16705m(13010324)	0.16006m(13010324)	0.15344m(13010324)		

0.14718m(13010324) 0.14123m(13010324)
3748202.8 | 0.17755m(13010324) 0.16978m(13010324) 0.16245m(13010324)
0.15554m(13010324) 0.14899m(13010324)
3748152.8 | 0.18920m(13010324) 0.18052m(13010324) 0.17238m(13010324)
0.16472m(13010324) 0.15749m(13010324)
3748102.8 | 0.20223m(13010324) 0.19249m(13010324) 0.18338m(13010324)
0.17485m(13010324) 0.16683m(13010324)
3748052.8 | 0.21691m(13010324) 0.20589m(13010324) 0.19565m(13010324)
0.18609m(13010324) 0.17716m(13010324)
3748002.8 | 0.23358m(13010324) 0.22102m(13010324) 0.20942m(13010324)
0.19866m(13010324) 0.18864m(13010324)
3747952.8 | 0.25270m(13010324) 0.23826m(13010324) 0.22501m(13010324)
0.21279m(13010324) 0.20149m(13010324)
3747902.8 | 0.27489m(13010324) 0.25810m(13010324) 0.24281m(13010324)
0.22883m(13010324) 0.21597m(13010324)
3747852.8 | 0.30100m(13010324) 0.28120m(13010324) 0.26337m(13010324)
0.24719m(13010324) 0.23244m(13010324)
3747802.8 | 0.33223m(13010324) 0.30851m(13010324) 0.28739m(13010324)
0.26845m(13010324) 0.25134m(13010324)
3747752.8 | 0.37035m(13010324) 0.34133m(13010324) 0.31589m(13010324)
0.29338m(13010324) 0.27329m(13010324)
3747702.8 | 0.41810m(13010324) 0.38163m(13010324) 0.35030m(13010324)
0.32305m(13010324) 0.29909m(13010324)
3747652.8 | 0.47991m(13010324) 0.43246m(13010324) 0.39278m(13010324)
0.35903m(13010324) 0.32992m(13010324)
3747602.8 | 0.56356m(13010324) 0.49881m(13010324) 0.44669m(13010324)
0.40367m(13010324) 0.36747m(13010324)
3747552.8 | 0.68416m(13010324) 0.58962m(13010324) 0.51765m(13010324)
0.46070m(13010324) 0.41430m(13010324)
3747502.8 | 0.87562m(13010324) 0.72266m(13010324) 0.61597m(13010324)
0.53649m(13010324) 0.47456m(13010324)
3747452.8 | 1.23597m(13010324) 0.94022m(13010324) 0.76299m(13010324)
0.64300m(13010324) 0.55547m(13010324)
3747402.8 | 1.32689m(13010324) 1.37797m(13010324) 1.01264m(13010324)
0.80596m(13010324) 0.67086m(13010324)
3747352.8 | 0.97499m(13010324) 0.96268m(13010324) 1.12226m(13010324)
1.09365m(13010324) 0.85132m(13010324)
3747302.8 | 1.18701m(13010324) 1.00753m(13010324) 0.95828m(13010324)
1.22419m(13010324) 1.18293m(13010324)
3747252.8 | 1.06827m(13010324) 1.48155m(13010324) 1.38884m(13010324)
1.00616m(13010324) 0.89399m(13010324)
3747202.8 | 0.79311m(13010324) 0.98590m(13010324) 1.33040m(13010324)
0.91028m(13010324) 1.07903m(13010324)
3747152.8 | 0.63349m(13010324) 0.74650m(13010324) 0.91717m(13010324)
1.20995m(13010324) 0.86904m(13010324)
3747102.8 | 0.52695m(13010324) 0.60134m(13010324) 0.70370m(13010324)
0.85461m(13010324) 1.10257m(13010324)
3747052.8 | 0.44969m(13010324) 0.50204m(13010324) 0.56981m(13010324)
0.66129m(13010324) 0.79190m(13010324)
3747002.8 | 0.39056m(13010324) 0.42898m(13010324) 0.47655m(13010324)
0.53700m(13010324) 0.61618m(13010324)
3746952.8 | 0.34359m(13010324) 0.37260m(13010324) 0.40731m(13010324)
0.44949m(13010324) 0.50167m(13010324)
3746902.8 | 0.30527m(13010324) 0.32763m(13010324) 0.35364m(13010324)
0.38421m(13010324) 0.42051m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,

L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	408293.32	408343.32	408393.32	408443.32	408493.32
3746852.8	0.27338m(13010324)	0.29088m(13010324)	0.31076m(13010324)	0.33350m(13010324)	0.35968m(13010324)
3746802.8	0.24643m(13010324)	0.26027m(13010324)	0.27569m(13010324)	0.29292m(13010324)	0.31226m(13010324)
3746752.8	0.22337m(13010324)	0.23442m(13010324)	0.24651m(13010324)	0.25974m(13010324)	0.27425m(13010324)
3746702.8	0.20346m(13010324)	0.21233m(13010324)	0.22188m(13010324)	0.23213m(13010324)	0.24313m(13010324)
3746652.8	0.18611m(13010324)	0.19328m(13010324)	0.20086m(13010324)	0.20885m(13010324)	0.21726m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	408543.32	408593.32	408643.32	408693.32	408743.32
3748852.8	0.08006m(13010324)	0.07791m(13010324)	0.07583m(13010324)	0.07380m(13010324)	0.07182m(13010324)
3748802.8	0.08324m(13010324)	0.08094m(13010324)	0.07871m(13010324)	0.07654m(13010324)	0.07443m(13010324)
3748752.8	0.08661m(13010324)	0.08415m(13010324)	0.08175m(13010324)	0.07943m(13010324)	0.07717m(13010324)
3748702.8	0.09019m(13010324)	0.08754m(13010324)	0.08497m(13010324)		

0.08248m(13010324) 0.08007m(13010324)
3748652.8 | 0.09398m(13010324) 0.09114m(13010324) 0.08838m(13010324)
0.08571m(13010324) 0.08313m(13010324)
3748602.8 | 0.09802m(13010324) 0.09495m(13010324) 0.09199m(13010324)
0.08913m(13010324) 0.08636m(13010324)
3748552.8 | 0.10232m(13010324) 0.09902m(13010324) 0.09583m(13010324)
0.09275m(13010324) 0.08978m(13010324)
3748502.8 | 0.10692m(13010324) 0.10335m(13010324) 0.09992m(13010324)
0.09661m(13010324) 0.09341m(13010324)
3748452.8 | 0.11184m(13010324) 0.10798m(13010324) 0.10427m(13010324)
0.10071m(13010324) 0.09727m(13010324)
3748402.8 | 0.11712m(13010324) 0.11294m(13010324) 0.10893m(13010324)
0.10508m(13010324) 0.10138m(13010324)
3748352.8 | 0.12280m(13010324) 0.11827m(13010324) 0.11392m(13010324)
0.10976m(13010324) 0.10576m(13010324)
3748302.8 | 0.12893m(13010324) 0.12400m(13010324) 0.11928m(13010324)
0.11477m(13010324) 0.11045m(13010324)
3748252.8 | 0.13557m(13010324) 0.13019m(13010324) 0.12505m(13010324)
0.12016m(13010324) 0.11547m(13010324)
3748202.8 | 0.14279m(13010324) 0.13690m(13010324) 0.13130m(13010324)
0.12596m(13010324) 0.12088m(13010324)
3748152.8 | 0.15066m(13010324) 0.14419m(13010324) 0.13806m(13010324)
0.13224m(13010324) 0.12670m(13010324)
3748102.8 | 0.15928m(13010324) 0.15216m(13010324) 0.14543m(13010324)
0.13905m(13010324) 0.13301m(13010324)
3748052.8 | 0.16878m(13010324) 0.16090m(13010324) 0.15348m(13010324)
0.14647m(13010324) 0.13985m(13010324)
3748002.8 | 0.17929m(13010324) 0.17053m(13010324) 0.16232m(13010324)
0.15459m(13010324) 0.14731m(13010324)
3747952.8 | 0.19099m(13010324) 0.18121m(13010324) 0.17208m(13010324)
0.16352m(13010324) 0.15549m(13010324)
3747902.8 | 0.20411m(13010324) 0.19312m(13010324) 0.18290m(13010324)
0.17338m(13010324) 0.16448m(13010324)
3747852.8 | 0.21893m(13010324) 0.20649m(13010324) 0.19500m(13010324)
0.18434m(13010324) 0.17442m(13010324)
3747802.8 | 0.23581m(13010324) 0.22162m(13010324) 0.20860m(13010324)
0.19660m(13010324) 0.18549m(13010324)
3747752.8 | 0.25523m(13010324) 0.23889m(13010324) 0.22402m(13010324)
0.21041m(13010324) 0.19789m(13010324)
3747702.8 | 0.27784m(13010324) 0.25881m(13010324) 0.24167m(13010324)
0.22611m(13010324) 0.21190m(13010324)
3747652.8 | 0.30450m(13010324) 0.28207m(13010324) 0.26208m(13010324)
0.24412m(13010324) 0.22787m(13010324)
3747602.8 | 0.33648m(13010324) 0.30959m(13010324) 0.28598m(13010324)
0.26502m(13010324) 0.24625m(13010324)
3747552.8 | 0.37560m(13010324) 0.34274m(13010324) 0.31439m(13010324)
0.28961m(13010324) 0.26767m(13010324)
3747502.8 | 0.42470m(13010324) 0.38351m(13010324) 0.34879m(13010324)
0.31899m(13010324) 0.29301m(13010324)
3747452.8 | 0.48838m(13010324) 0.43503m(13010324) 0.39138m(13010324)
0.35480m(13010324) 0.32351m(13010324)
3747402.8 | 0.57477m(13010324) 0.50244m(13010324) 0.44565m(13010324)
0.39955m(13010324) 0.36106m(13010324)
3747352.8 | 0.69983m(13010324) 0.59503m(13010324) 0.51752m(13010324)
0.45731m(13010324) 0.40861m(13010324)
3747302.8 | 0.90021m(13010324) 0.73150m(13010324) 0.61794m(13010324)
0.53519m(13010324) 0.47115m(13010324)
3747252.8 | 1.28654m(13010324) 0.95694m(13010324) 0.76998m(13010324)
0.64711m(13010324) 0.55792m(13010324)
3747202.8 | 0.93669m(13010324) 1.41609m(13010324) 1.03352m(13010324)
0.82499m(13010324) 0.68826m(13010324)
3747152.8 | 0.96499m(13010324) 1.42154m(13010324) 1.17872m(13010324)
1.16497m(13010324) 0.91146m(13010324)
3747102.8 | 1.12468m(13010324) 0.91113m(13010324) 0.96736m(13010324)
1.28184m(13010324) 1.40283m(13010324)
3747052.8 | 0.99338m(13010324) 1.34317m(13010324) 0.87754m(13010324)

0.91977m(13010324) 0.93044m(13010324)
3747002.8 | 0.72362m(13010324) 0.87566m(13010324) 1.10569m(13010324)
1.07437m(13010324) 0.88722m(13010324)
3746952.8 | 0.56744m(13010324) 0.65225m(13010324) 0.76574m(13010324)
0.92809m(13010324) 1.18778m(13010324)
3746902.8 | 0.46413m(13010324) 0.51735m(13010324) 0.58381m(13010324)
0.67005m(13010324) 0.78848m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
408543.32 408593.32 408643.32 408693.32 408743.32
- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	408793.32	408843.32	408893.32	408943.32	408993.32
3748852.8	0.06989m(13010324)	0.06802m(13010324)	0.06619m(13010324)	0.06442m(13010324)	0.06269m(13010324)
3748802.8	0.07237m(13010324)	0.07038m(13010324)	0.06843m(13010324)	0.06655m(13010324)	0.06471m(13010324)
3748752.8	0.07498m(13010324)	0.07285m(13010324)	0.07079m(13010324)	0.06878m(13010324)	0.06683m(13010324)
3748702.8	0.07773m(13010324)	0.07546m(13010324)	0.07326m(13010324)	0.07112m(13010324)	0.06904m(13010324)
3748652.8	0.08062m(13010324)	0.07820m(13010324)	0.07585m(13010324)	0.07357m(13010324)	0.07137m(13010324)
3748602.8	0.08368m(13010324)	0.08109m(13010324)	0.07858m(13010324)	0.07616m(13010324)	0.07381m(13010324)
3748552.8	0.08691m(13010324)	0.08414m(13010324)	0.08146m(13010324)	0.07887m(13010324)	0.07637m(13010324)
3748502.8	0.09034m(13010324)	0.08737m(13010324)	0.08450m(13010324)	0.08173m(13010324)	0.07906m(13010324)
3748452.8	0.09397m(13010324)	0.09078m(13010324)	0.08771m(13010324)	0.08475m(13010324)	0.08190m(13010324)
3748402.8	0.09782m(13010324)	0.09440m(13010324)	0.09111m(13010324)	0.08794m(13010324)	0.08489m(13010324)
3748352.8	0.10193m(13010324)	0.09825m(13010324)	0.09471m(13010324)	0.09132m(13010324)	0.08805m(13010324)
3748302.8	0.10631m(13010324)	0.10235m(13010324)	0.09854m(13010324)	0.09490m(13010324)	0.09139m(13010324)
3748252.8	0.11100m(13010324)	0.10672m(13010324)	0.10262m(13010324)	0.09870m(13010324)	0.09494m(13010324)
3748202.8	0.11603m(13010324)	0.11140m(13010324)	0.10697m(13010324)	0.10274m(13010324)	0.09870m(13010324)
3748152.8	0.12144m(13010324)	0.11642m(13010324)	0.11163m(13010324)	0.10706m(13010324)	0.10271m(13010324)
3748102.8	0.12727m(13010324)	0.12181m(13010324)	0.11662m(13010324)	0.11168m(13010324)	0.10698m(13010324)
3748052.8	0.13358m(13010324)	0.12764m(13010324)	0.12200m(13010324)	0.11664m(13010324)	0.11155m(13010324)
3748002.8	0.14044m(13010324)	0.13395m(13010324)	0.12780m(13010324)	0.12197m(13010324)	0.11645m(13010324)
3747952.8	0.14793m(13010324)	0.14081m(13010324)	0.13408m(13010324)	0.12773m(13010324)	0.12172m(13010324)
3747902.8	0.15613m(13010324)	0.14829m(13010324)	0.14092m(13010324)	0.13397m(13010324)	0.12742m(13010324)
3747852.8	0.16517m(13010324)	0.15651m(13010324)	0.14839m(13010324)	0.14076m(13010324)	0.13359m(13010324)
3747802.8	0.17518m(13010324)	0.16557m(13010324)	0.15659m(13010324)	0.14819m(13010324)	0.14031m(13010324)
3747752.8	0.18634m(13010324)	0.17562m(13010324)	0.16565m(13010324)	0.15635m(13010324)	0.14766m(13010324)
3747702.8	0.19887m(13010324)	0.18685m(13010324)	0.17572m(13010324)	0.16538m(13010324)	0.15575m(13010324)
3747652.8	0.21306m(13010324)	0.19949m(13010324)	0.18699m(13010324)	0.17543m(13010324)	0.16470m(13010324)
3747602.8	0.22928m(13010324)	0.21385m(13010324)	0.19971m(13010324)	0.18671m(13010324)	0.17470m(13010324)
3747552.8	0.24805m(13010324)	0.23034m(13010324)	0.21423m(13010324)	0.19949m(13010324)	0.18594m(13010324)
3747502.8	0.27005m(13010324)	0.24952m(13010324)	0.23099m(13010324)		

0.21414m(13010324) 0.19872m(13010324)
3747452.8 | 0.29626m(13010324) 0.27217m(13010324) 0.25061m(13010324)
0.23114m(13010324) 0.21343m(13010324)
3747402.8 | 0.32814m(13010324) 0.29943m(13010324) 0.27400m(13010324)
0.25120m(13010324) 0.23061m(13010324)
3747352.8 | 0.36791m(13010324) 0.33300m(13010324) 0.30246m(13010324)
0.27534m(13010324) 0.25103m(13010324)
3747302.8 | 0.41923m(13010324) 0.37562m(13010324) 0.33805m(13010324)
0.30509m(13010324) 0.27582m(13010324)
3747252.8 | 0.48851m(13010324) 0.43186m(13010324) 0.38410m(13010324)
0.34288m(13010324) 0.30674m(13010324)
3747202.8 | 0.58824m(13010324) 0.51013m(13010324) 0.44640m(13010324)
0.39277m(13010324) 0.34664m(13010324)
3747152.8 | 0.74637m(13010324) 0.62747m(13010324) 0.53594m(13010324)
0.46209m(13010324) 0.40043m(13010324)
3747102.8 | 1.04103m(13010324) 0.82477m(13010324) 0.67637m(13010324)
0.56549m(13010324) 0.47751m(13010324)
3747052.8 | 1.17328m(13010324) 1.23406m(13010324) 0.93032m(13010324)
0.73737m(13010324) 0.59833m(13010324)
3747002.8 | 0.89779m(13010324) 0.87744m(13010324) 1.05828m(13010324)
1.08310m(13010324) 0.81807m(13010324)
3746952.8 | 1.11942m(13010324) 0.86774m(13010324) 0.84624m(13010324)
0.79071m(13010324) 0.92782m(13010324)
3746902.8 | 0.96489m(13010324) 1.26309m(13010324) 1.12230m(13010324)
0.79009m(13010324) 0.71437m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
408793.32 408843.32 408893.32 408943.32 408993.32
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 409043.32	409093.32	409143.32	409193.32	409243.32
3748852.8	0.06100m(13010324)	0.05936m(13010324)	0.05777m(13010324)	0.05622m(13010324)	0.05471m(13010324)
3748802.8	0.06293m(13010324)	0.06119m(13010324)	0.05950m(13010324)	0.05787m(13010324)	0.05627m(13010324)
3748752.8	0.06493m(13010324)	0.06309m(13010324)	0.06131m(13010324)	0.05958m(13010324)	0.05789m(13010324)
3748702.8	0.06703m(13010324)	0.06508m(13010324)	0.06319m(13010324)	0.06136m(13010324)	0.05958m(13010324)
3748652.8	0.06923m(13010324)	0.06716m(13010324)	0.06516m(13010324)	0.06321m(13010324)	0.06133m(13010324)
3748602.8	0.07154m(13010324)	0.06934m(13010324)	0.06721m(13010324)	0.06515m(13010324)	0.06316m(13010324)
3748552.8	0.07395m(13010324)	0.07161m(13010324)	0.06935m(13010324)	0.06717m(13010324)	0.06506m(13010324)
3748502.8	0.07649m(13010324)	0.07400m(13010324)	0.07160m(13010324)	0.06928m(13010324)	0.06704m(13010324)
3748452.8	0.07915m(13010324)	0.07650m(13010324)	0.07395m(13010324)	0.07148m(13010324)	0.06911m(13010324)
3748402.8	0.08196m(13010324)	0.07913m(13010324)	0.07641m(13010324)	0.07379m(13010324)	0.07127m(13010324)
3748352.8	0.08491m(13010324)	0.08190m(13010324)	0.07900m(13010324)	0.07621m(13010324)	0.07353m(13010324)
3748302.8	0.08803m(13010324)	0.08481m(13010324)	0.08171m(13010324)	0.07874m(13010324)	0.07589m(13010324)
3748252.8	0.09134m(13010324)	0.08788m(13010324)	0.08458m(13010324)	0.08140m(13010324)	0.07837m(13010324)
3748202.8	0.09483m(13010324)	0.09113m(13010324)	0.08759m(13010324)	0.08420m(13010324)	0.08096m(13010324)
3748152.8	0.09854m(13010324)	0.09457m(13010324)	0.09077m(13010324)	0.08715m(13010324)	0.08369m(13010324)
3748102.8	0.10249m(13010324)	0.09822m(13010324)	0.09414m(13010324)	0.09026m(13010324)	0.08655m(13010324)
3748052.8	0.10670m(13010324)	0.10210m(13010324)	0.09771m(13010324)	0.09354m(13010324)	0.08957m(13010324)
3748002.8	0.11121m(13010324)	0.10623m(13010324)	0.10150m(13010324)	0.09701m(13010324)	0.09275m(13010324)
3747952.8	0.11603m(13010324)	0.11064m(13010324)	0.10554m(13010324)		

0.10070m(13010324) 0.09611m(13010324)
3747902.8 | 0.12123m(13010324) 0.11538m(13010324) 0.10985m(13010324)
0.10462m(13010324) 0.09967m(13010324)
3747852.8 | 0.12683m(13010324) 0.12046m(13010324) 0.11446m(13010324)
0.10879m(13010324) 0.10345m(13010324)
3747802.8 | 0.13291m(13010324) 0.12595m(13010324) 0.11941m(13010324)
0.11326m(13010324) 0.10747m(13010324)
3747752.8 | 0.13952m(13010324) 0.13190m(13010324) 0.12475m(13010324)
0.11804m(13010324) 0.11175m(13010324)
3747702.8 | 0.14676m(13010324) 0.13837m(13010324) 0.13052m(13010324)
0.12319m(13010324) 0.11633m(13010324)
3747652.8 | 0.15473m(13010324) 0.14545m(13010324) 0.13680m(13010324)
0.12874m(13010324) 0.12124m(13010324)
3747602.8 | 0.16357m(13010324) 0.15325m(13010324) 0.14367m(13010324)
0.13477m(13010324) 0.12652m(13010324)
3747552.8 | 0.17344m(13010324) 0.16189m(13010324) 0.15122m(13010324)
0.14135m(13010324) 0.13222m(13010324)
3747502.8 | 0.18457m(13010324) 0.17156m(13010324) 0.15957m(13010324)
0.14855m(13010324) 0.13841m(13010324)
3747452.8 | 0.19726m(13010324) 0.18246m(13010324) 0.16890m(13010324)
0.15649m(13010324) 0.14515m(13010324)
3747402.8 | 0.21191m(13010324) 0.19490m(13010324) 0.17940m(13010324)
0.16531m(13010324) 0.15253m(13010324)
3747352.8 | 0.22910m(13010324) 0.20928m(13010324) 0.19136m(13010324)
0.17519m(13010324) 0.16063m(13010324)
3747302.8 | 0.24965m(13010324) 0.22618m(13010324) 0.20514m(13010324)
0.18633m(13010324) 0.16959m(13010324)
3747252.8 | 0.27478m(13010324) 0.24641m(13010324) 0.22125m(13010324)
0.19903m(13010324) 0.17951m(13010324)
3747202.8 | 0.30643m(13010324) 0.27121m(13010324) 0.24041m(13010324)
0.21364m(13010324) 0.19055m(13010324)
3747152.8 | 0.34783m(13010324) 0.30255m(13010324) 0.26368m(13010324)
0.23062m(13010324) 0.20280m(13010324)
3747102.8 | 0.40483m(13010324) 0.34376m(13010324) 0.29266m(13010324)
0.25053m(13010324) 0.21630m(13010324)
3747052.8 | 0.48945m(13010324) 0.40110m(13010324) 0.32988m(13010324)
0.27393m(13010324) 0.23082m(13010324)
3747002.8 | 0.63104m(13010324) 0.48786m(13010324) 0.37939m(13010324)
0.30099m(13010324) 0.24557m(13010324)
3746952.8 | 0.92525m(13010324) 0.63876m(13010324) 0.44707m(13010324)
0.32999m(13010324) 0.25847m(13010324)
3746902.8 | 0.56444m(13010324) 0.56595m(13010324) 0.53250m(13010324)
0.35297m(13010324) 0.26545m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       409043.32              409093.32              409143.32
 409193.32              409243.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

3746852.8 |      0.45589m(13010324)      0.52067m(13010324)      0.56433m(13010324)
0.35208m(13010324)      0.26162m(13010324)
3746802.8 |      0.91678m(13010324)      0.74218m(13010324)      0.45817m(13010324)
0.31918m(13010324)      0.24584m(13010324)
3746752.8 |      0.49744m(13010324)      0.43578m(13010324)      0.34650m(13010324)
0.27374m(13010324)      0.22304m(13010324)
3746702.8 |      0.34756m(13010324)      0.31571m(13010324)      0.27370m(13010324)
0.23303m(13010324)      0.19925m(13010324)
3746652.8 |      0.26999m(13010324)      0.25039m(13010324)      0.22595m(13010324)
0.20075m(13010324)      0.17769m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:31:17

                     PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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       1.58334m ON 13010324: AT (  407443.32,  3748002.85,
0.00,     0.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:31:17

                     PAGE  68
 *** 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        2285 Informational Message(s)

 A Total of       43848 Hours Were Processed

 A Total of        1588 Calm Hours Identified
```

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 PM25\14635 OPS
I-5 PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "14635 OPS I-5 PM25.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.02749
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   406477.947 3748705.987 0.0
   LOCATION L0000002     VOLUME   406518.441 3748667.306 0.0
   LOCATION L0000003     VOLUME   406558.064 3748627.756 0.0
   LOCATION L0000004     VOLUME   406596.623 3748587.146 0.0
```

```
   LOCATION L0000005     VOLUME   406635.182 3748546.536 0.0
   LOCATION L0000006     VOLUME   406673.802 3748505.983 0.0
   LOCATION L0000007     VOLUME   406712.502 3748465.508 0.0
   LOCATION L0000008     VOLUME   406751.203 3748425.032 0.0
   LOCATION L0000009     VOLUME   406789.903 3748384.557 0.0
   LOCATION L0000010     VOLUME   406834.559 3748350.839 0.0
   LOCATION L0000011     VOLUME   406879.580 3748317.535 0.0
   LOCATION L0000012     VOLUME   406925.917 3748286.094 0.0
   LOCATION L0000013     VOLUME   406972.347 3748254.785 0.0
   LOCATION L0000014     VOLUME   407018.777 3748223.476 0.0
   LOCATION L0000015     VOLUME   407065.206 3748192.167 0.0
   LOCATION L0000016     VOLUME   407111.636 3748160.858 0.0
   LOCATION L0000017     VOLUME   407158.066 3748129.549 0.0
   LOCATION L0000018     VOLUME   407204.496 3748098.240 0.0
   LOCATION L0000019     VOLUME   407251.187 3748067.320 0.0
   LOCATION L0000020     VOLUME   407297.885 3748036.413 0.0
   LOCATION L0000021     VOLUME   407344.583 3748005.505 0.0
   LOCATION L0000022     VOLUME   407391.281 3747974.597 0.0
   LOCATION L0000023     VOLUME   407437.979 3747943.690 0.0
   LOCATION L0000024     VOLUME   407484.677 3747912.782 0.0
   LOCATION L0000025     VOLUME   407531.375 3747881.874 0.0
   LOCATION L0000026     VOLUME   407578.074 3747850.967 0.0
   LOCATION L0000027     VOLUME   407624.772 3747820.059 0.0
   LOCATION L0000028     VOLUME   407671.470 3747789.151 0.0
   LOCATION L0000029     VOLUME   407718.168 3747758.244 0.0
   LOCATION L0000030     VOLUME   407764.848 3747727.308 0.0
   LOCATION L0000031     VOLUME   407811.380 3747696.151 0.0
   LOCATION L0000032     VOLUME   407857.912 3747664.994 0.0
   LOCATION L0000033     VOLUME   407904.444 3747633.837 0.0
   LOCATION L0000034     VOLUME   407950.976 3747602.679 0.0
   LOCATION L0000035     VOLUME   407997.508 3747571.522 0.0
   LOCATION L0000036     VOLUME   408044.040 3747540.365 0.0
   LOCATION L0000037     VOLUME   408090.572 3747509.208 0.0
   LOCATION L0000038     VOLUME   408137.104 3747478.051 0.0
   LOCATION L0000039     VOLUME   408183.019 3747446.029 0.0
   LOCATION L0000040     VOLUME   408227.637 3747412.187 0.0
   LOCATION L0000041     VOLUME   408272.255 3747378.346 0.0
   LOCATION L0000042     VOLUME   408316.873 3747344.504 0.0
   LOCATION L0000043     VOLUME   408361.491 3747310.663 0.0
   LOCATION L0000044     VOLUME   408405.610 3747276.180 0.0
   LOCATION L0000045     VOLUME   408449.381 3747241.250 0.0
   LOCATION L0000046     VOLUME   408493.151 3747206.320 0.0
   LOCATION L0000047     VOLUME   408536.922 3747171.389 0.0
   LOCATION L0000048     VOLUME   408580.782 3747136.572 0.0
   LOCATION L0000049     VOLUME   408626.336 3747104.196 0.0
   LOCATION L0000050     VOLUME   408674.468 3747075.573 0.0
   LOCATION L0000051     VOLUME   408722.601 3747046.950 0.0
   LOCATION L0000052     VOLUME   408770.733 3747018.327 0.0
   LOCATION L0000053     VOLUME   408818.865 3746989.704 0.0
   LOCATION L0000054     VOLUME   408866.997 3746961.081 0.0
   LOCATION L0000055     VOLUME   408915.303 3746932.774 0.0
   LOCATION L0000056     VOLUME   408965.258 3746907.466 0.0
   LOCATION L0000057     VOLUME   409015.214 3746882.158 0.0
   LOCATION L0000058     VOLUME   409065.169 3746856.850 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000002     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000003     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000004     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000005     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000006     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000007     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000008     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000009     0.0004739655      3.49     26.05      3.25
```

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   SRCPARAM L0000010     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000011     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000012     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000013     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000014     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000015     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000016     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000017     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000018     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000019     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000020     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000021     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000022     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000023     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000024     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000025     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000026     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000027     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000028     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000029     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000030     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000031     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000032     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000033     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000034     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000035     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000036     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000037     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000038     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000039     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000040     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000041     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000042     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000043     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000044     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000045     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000046     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000047     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000048     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000049     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000050     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000051     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000052     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000053     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000054     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000055     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000056     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000057     0.0004739655      3.49     26.05      3.25
   SRCPARAM L0000058     0.0004739655      3.49     26.05      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD RECEPTOR PATHWAY
****************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 406293.32 60 50.00 3746652.85 45 50.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
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ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	1	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	3	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	4	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	5	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	7	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	8	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	9	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	11	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	12	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	13	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	16	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
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ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	4	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	5	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	6	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	7	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	8	0.00	0.00	0.00	0.00	0.00	0.00
HILL	9	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	10	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	11	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
   GRIDCART UCART1 END
RE FINISHED
**
****************************************
** AERMOD METEOROLOGY PATHWAY
****************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   24 ALL 1ST "14635 OPS I-5 PM25.AD\24H1GALL.PLT" 31
   SUMMFILE "14635 OPS I-5 PM25.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    1107       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1107       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        21:52:25

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

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

 **This Run Includes:     58 Source(s);       1 Source Group(s); and    2700 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 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:  16216

 **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) =    29.00 ;  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:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 OPS I-5
 PM25.ERR
 **File for Summary of Results:   14635 OPS I-5
 PM25.SUM
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       21:52:25

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000001         0   0.47397E-03  406477.9 3748706.0     0.0     3.49    26.05     3.25
 YES
 L0000002         0   0.47397E-03  406518.4 3748667.3     0.0     3.49    26.05     3.25
 YES
 L0000003         0   0.47397E-03  406558.1 3748627.8     0.0     3.49    26.05     3.25
 YES
 L0000004         0   0.47397E-03  406596.6 3748587.1     0.0     3.49    26.05     3.25
 YES
 L0000005         0   0.47397E-03  406635.2 3748546.5     0.0     3.49    26.05     3.25
```

YES
L0000006 0 0.47397E-03 406673.8 3748506.0 0.0 3.49 26.05 3.25
YES
L0000007 0 0.47397E-03 406712.5 3748465.5 0.0 3.49 26.05 3.25
YES
L0000008 0 0.47397E-03 406751.2 3748425.0 0.0 3.49 26.05 3.25
YES
L0000009 0 0.47397E-03 406789.9 3748384.6 0.0 3.49 26.05 3.25
YES
L0000010 0 0.47397E-03 406834.6 3748350.8 0.0 3.49 26.05 3.25
YES
L0000011 0 0.47397E-03 406879.6 3748317.5 0.0 3.49 26.05 3.25
YES
L0000012 0 0.47397E-03 406925.9 3748286.1 0.0 3.49 26.05 3.25
YES
L0000013 0 0.47397E-03 406972.3 3748254.8 0.0 3.49 26.05 3.25
YES
L0000014 0 0.47397E-03 407018.8 3748223.5 0.0 3.49 26.05 3.25
YES
L0000015 0 0.47397E-03 407065.2 3748192.2 0.0 3.49 26.05 3.25
YES
L0000016 0 0.47397E-03 407111.6 3748160.9 0.0 3.49 26.05 3.25
YES
L0000017 0 0.47397E-03 407158.1 3748129.5 0.0 3.49 26.05 3.25
YES
L0000018 0 0.47397E-03 407204.5 3748098.2 0.0 3.49 26.05 3.25
YES
L0000019 0 0.47397E-03 407251.2 3748067.3 0.0 3.49 26.05 3.25
YES
L0000020 0 0.47397E-03 407297.9 3748036.4 0.0 3.49 26.05 3.25
YES
L0000021 0 0.47397E-03 407344.6 3748005.5 0.0 3.49 26.05 3.25
YES
L0000022 0 0.47397E-03 407391.3 3747974.6 0.0 3.49 26.05 3.25
YES
L0000023 0 0.47397E-03 407438.0 3747943.7 0.0 3.49 26.05 3.25
YES
L0000024 0 0.47397E-03 407484.7 3747912.8 0.0 3.49 26.05 3.25
YES
L0000025 0 0.47397E-03 407531.4 3747881.9 0.0 3.49 26.05 3.25
YES
L0000026 0 0.47397E-03 407578.1 3747851.0 0.0 3.49 26.05 3.25
YES
L0000027 0 0.47397E-03 407624.8 3747820.1 0.0 3.49 26.05 3.25
YES
L0000028 0 0.47397E-03 407671.5 3747789.2 0.0 3.49 26.05 3.25
YES
L0000029 0 0.47397E-03 407718.2 3747758.2 0.0 3.49 26.05 3.25
YES
L0000030 0 0.47397E-03 407764.8 3747727.3 0.0 3.49 26.05 3.25
YES
L0000031 0 0.47397E-03 407811.4 3747696.2 0.0 3.49 26.05 3.25
YES
L0000032 0 0.47397E-03 407857.9 3747665.0 0.0 3.49 26.05 3.25
YES
L0000033 0 0.47397E-03 407904.4 3747633.8 0.0 3.49 26.05 3.25
YES
L0000034 0 0.47397E-03 407951.0 3747602.7 0.0 3.49 26.05 3.25
YES
L0000035 0 0.47397E-03 407997.5 3747571.5 0.0 3.49 26.05 3.25
YES
L0000036 0 0.47397E-03 408044.0 3747540.4 0.0 3.49 26.05 3.25
YES
L0000037 0 0.47397E-03 408090.6 3747509.2 0.0 3.49 26.05 3.25
YES
L0000038 0 0.47397E-03 408137.1 3747478.1 0.0 3.49 26.05 3.25

YES
L0000039 0 0.47397E-03 408183.0 3747446.0 0.0 3.49 26.05 3.25
YES
L0000040 0 0.47397E-03 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000041	0	0.47397E-03	408272.3	3747378.3	0.0	3.49	26.05	3.25
YES								
L0000042	0	0.47397E-03	408316.9	3747344.5	0.0	3.49	26.05	3.25
YES								
L0000043	0	0.47397E-03	408361.5	3747310.7	0.0	3.49	26.05	3.25
YES								
L0000044	0	0.47397E-03	408405.6	3747276.2	0.0	3.49	26.05	3.25
YES								
L0000045	0	0.47397E-03	408449.4	3747241.2	0.0	3.49	26.05	3.25
YES								
L0000046	0	0.47397E-03	408493.2	3747206.3	0.0	3.49	26.05	3.25
YES								
L0000047	0	0.47397E-03	408536.9	3747171.4	0.0	3.49	26.05	3.25
YES								
L0000048	0	0.47397E-03	408580.8	3747136.6	0.0	3.49	26.05	3.25
YES								
L0000049	0	0.47397E-03	408626.3	3747104.2	0.0	3.49	26.05	3.25
YES								
L0000050	0	0.47397E-03	408674.5	3747075.6	0.0	3.49	26.05	3.25
YES								
L0000051	0	0.47397E-03	408722.6	3747046.9	0.0	3.49	26.05	3.25
YES								
L0000052	0	0.47397E-03	408770.7	3747018.3	0.0	3.49	26.05	3.25
YES								
L0000053	0	0.47397E-03	408818.9	3746989.7	0.0	3.49	26.05	3.25
YES								
L0000054	0	0.47397E-03	408867.0	3746961.1	0.0	3.49	26.05	3.25
YES								
L0000055	0	0.47397E-03	408915.3	3746932.8	0.0	3.49	26.05	3.25
YES								
L0000056	0	0.47397E-03	408965.3	3746907.5	0.0	3.49	26.05	3.25
YES								
L0000057	0	0.47397E-03	409015.2	3746882.2	0.0	3.49	26.05	3.25
YES								
L0000058	0	0.47397E-03	409065.2	3746856.8	0.0	3.49	26.05	3.25
YES								

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3010232.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3, 406343.3, 406393.3, 406443.3, 406493.3, 406543.3, 406593.3, 406643.3,
406693.3, 406743.3,
406793.3, 406843.3, 406893.3, 406943.3, 406993.3, 407043.3, 407093.3, 407143.3,
407193.3, 407243.3,
407293.3, 407343.3, 407393.3, 407443.3, 407493.3, 407543.3, 407593.3, 407643.3,
407693.3, 407743.3,
407793.3, 407843.3, 407893.3, 407943.3, 407993.3, 408043.3, 408093.3, 408143.3,
408193.3, 408243.3,
408293.3, 408343.3, 408393.3, 408443.3, 408493.3, 408543.3, 408593.3, 408643.3,
408693.3, 408743.3,
408793.3, 408843.3, 408893.3, 408943.3, 408993.3, 409043.3, 409093.3, 409143.3,
409193.3, 409243.3,

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8, 3746702.8, 3746752.8, 3746802.8, 3746852.8, 3746902.8, 3746952.8, 3747002.8,
3747052.8, 3747102.8,
3747152.8, 3747202.8, 3747252.8, 3747302.8, 3747352.8, 3747402.8, 3747452.8, 3747502.8,
3747552.8, 3747602.8,
3747652.8, 3747702.8, 3747752.8, 3747802.8, 3747852.8, 3747902.8, 3747952.8, 3748002.8,
3748052.8, 3748102.8,
3748152.8, 3748202.8, 3748252.8, 3748302.8, 3748352.8, 3748402.8, 3748452.8, 3748502.8,
3748552.8, 3748602.8,
3748652.8, 3748702.8, 3748752.8, 3748802.8, 3748852.8,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3748752.85 | 0.00 0.00 0.00 0.00 0.00
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3748702.85 | 0.00 0.00 0.00 0.00 0.00
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3748652.85 | 0.00 0.00 0.00 0.00 0.00
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3748602.85 | 0.00 0.00 0.00 0.00 0.00
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3748552.85 | 0.00 0.00 0.00 0.00 0.00
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3748502.85 | 0.00 0.00 0.00 0.00 0.00
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3748452.85 | 0.00 0.00 0.00 0.00 0.00
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3748402.85 | 0.00 0.00 0.00 0.00 0.00
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3748352.85 | 0.00 0.00 0.00 0.00 0.00
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3748302.85 | 0.00 0.00 0.00 0.00 0.00
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3748252.85 | 0.00 0.00 0.00 0.00 0.00
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3748202.85 | 0.00 0.00 0.00 0.00 0.00
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3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
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3748052.85 | 0.00 0.00 0.00 0.00 0.00
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3748002.85 | 0.00 0.00 0.00 0.00 0.00
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3747902.85 | 0.00 0.00 0.00 0.00 0.00
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3747802.85 | 0.00 0.00 0.00 0.00 0.00
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3747752.85 | 0.00 0.00 0.00 0.00 0.00
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3747702.85 | 0.00 0.00 0.00 0.00 0.00
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3747652.85 | 0.00 0.00 0.00 0.00 0.00
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3747602.85 | 0.00 0.00 0.00 0.00 0.00
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3747552.85 | 0.00 0.00 0.00 0.00 0.00
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3747502.85 | 0.00 0.00 0.00 0.00 0.00
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3747452.85 | 0.00 0.00 0.00 0.00 0.00
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3747402.85 | 0.00 0.00 0.00 0.00 0.00
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3747352.85 | 0.00 0.00 0.00 0.00 0.00
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3747302.85 | 0.00 0.00 0.00 0.00 0.00
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3747252.85 | 0.00 0.00 0.00 0.00 0.00
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3747202.85 | 0.00 0.00 0.00 0.00 0.00
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3747152.85 | 0.00 0.00 0.00 0.00 0.00

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3747102.85 | 0.00 0.00 0.00 0.00 0.00
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3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32 406443.32 406493.32 406543.32
406593.32 406643.32 406693.32
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0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
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3748552.85 | 0.00 0.00 0.00 0.00 0.00
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3748502.85 | 0.00 0.00 0.00 0.00 0.00
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3748152.85 | 0.00 0.00 0.00 0.00 0.00
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3748052.85 | 0.00 0.00 0.00 0.00 0.00
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3748002.85 | 0.00 0.00 0.00 0.00 0.00
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3747952.85 | 0.00 0.00 0.00 0.00 0.00
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3747902.85 | 0.00 0.00 0.00 0.00 0.00
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3747852.85 | 0.00 0.00 0.00 0.00 0.00
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3747802.85 | 0.00 0.00 0.00 0.00 0.00
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3747752.85 | 0.00 0.00 0.00 0.00 0.00
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3747702.85 | 0.00 0.00 0.00 0.00 0.00
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3747652.85 | 0.00 0.00 0.00 0.00 0.00
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3747602.85 | 0.00 0.00 0.00 0.00 0.00
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3747552.85 | 0.00 0.00 0.00 0.00 0.00
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3747152.85 | 0.00 0.00 0.00 0.00 0.00
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3747102.85 | 0.00 0.00 0.00 0.00 0.00
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3747052.85 | 0.00 0.00 0.00 0.00 0.00
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3747002.85 | 0.00 0.00 0.00 0.00 0.00

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3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406743.32 406793.32 406843.32 406893.32 406943.32 406993.32
407043.32 407093.32 407143.32
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0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
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3748402.85 | 0.00 0.00 0.00 0.00 0.00
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3748352.85 | 0.00 0.00 0.00 0.00 0.00
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3748302.85 | 0.00 0.00 0.00 0.00 0.00
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3748252.85 | 0.00 0.00 0.00 0.00 0.00
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3748202.85 | 0.00 0.00 0.00 0.00 0.00
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3748152.85 | 0.00 0.00 0.00 0.00 0.00
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3748102.85 | 0.00 0.00 0.00 0.00 0.00
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3748052.85 | 0.00 0.00 0.00 0.00 0.00
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3748002.85 | 0.00 0.00 0.00 0.00 0.00
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3747952.85 | 0.00 0.00 0.00 0.00 0.00
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3747902.85 | 0.00 0.00 0.00 0.00 0.00
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3747852.85 | 0.00 0.00 0.00 0.00 0.00
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3747802.85 | 0.00 0.00 0.00 0.00 0.00
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3747752.85 | 0.00 0.00 0.00 0.00 0.00
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3747702.85 | 0.00 0.00 0.00 0.00 0.00
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3747652.85 | 0.00 0.00 0.00 0.00 0.00
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3747602.85 | 0.00 0.00 0.00 0.00 0.00
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3747552.85 | 0.00 0.00 0.00 0.00 0.00
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3747502.85 | 0.00 0.00 0.00 0.00 0.00
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3747102.85 | 0.00 0.00 0.00 0.00 0.00
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3747052.85 | 0.00 0.00 0.00 0.00 0.00
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3747002.85 | 0.00 0.00 0.00 0.00 0.00
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3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407193.32	407243.32	407293.32	407343.32	407393.32	407443.32	407493.32	407543.32	407593.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407643.32	407693.32	407743.32	407793.32	407843.32	407893.32	407943.32	407993.32	408043.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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 0.00         0.00         0.00         0.00
 3748302.85 |          0.00         0.00         0.00         0.00         0.00
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 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:52:25

                     PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	

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 0.00         0.00         0.00         0.00
3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:52:25

                     PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                                 X-COORD (METERS)
```

(METERS) | 408093.32 408143.32 408193.32 408243.32 408293.32 408343.32
408393.32 408443.32 408493.32
- - - -

0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
	408843.32	408893.32	408943.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32	
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32	407043.32	407093.32	407143.32	
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				

- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407193.32	407243.32	407293.32	407343.32	407393.32	407443.32	407493.32	407543.32	407593.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408393.32	408443.32	408493.32			

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32	408843.32	408893.32	408943.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:52:25

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     408543.32    408593.32    408643.32    408693.32    408743.32    408793.32
    408843.32    408893.32    408943.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        21:52:25

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     408993.32    409043.32    409093.32    409143.32    409193.32    409243.32
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98

L0000020	407293.3	3748052.8	-38.95
L0000020	407343.3	3748052.8	-7.69
L0000021	407343.3	3747952.8	-3.34
L0000021	407293.3	3748002.8	-4.68
L0000021	407343.3	3748002.8	-53.07
L0000021	407393.3	3748002.8	-7.20
L0000021	407343.3	3748052.8	-8.65
L0000022	407343.3	3747952.8	-3.35
L0000022	407393.3	3747952.8	-34.17
L0000022	407443.3	3747952.8	0.39
L0000022	407343.3	3748002.8	-0.34
L0000022	407393.3	3748002.8	-27.68
L0000023	407443.3	3747902.8	-14.82
L0000023	407393.3	3747952.8	-10.42
L0000023	407443.3	3747952.8	-45.40
L0000023	407493.3	3747952.8	0.09
L0000024	407443.3	3747902.8	-13.47
L0000024	407493.3	3747902.8	-42.84
L0000024	407493.3	3747952.8	-15.02
L0000025	407493.3	3747852.8	-8.15
L0000025	407543.3	3747852.8	-24.62
L0000025	407493.3	3747902.8	-12.55
L0000025	407543.3	3747902.8	-31.87
L0000026	407593.3	3747802.8	-5.53
L0000026	407543.3	3747852.8	-21.20
L0000026	407593.3	3747852.8	-40.65
L0000026	407593.3	3747902.8	-1.93
L0000027	407593.3	3747802.8	-20.16
L0000027	407643.3	3747802.8	-30.71
L0000027	407593.3	3747852.8	-10.57
L0000027	407643.3	3747852.8	-18.33
L0000028	407643.3	3747752.8	-10.07
L0000028	407693.3	3747752.8	-13.64
L0000028	407643.3	3747802.8	-24.70
L0000028	407693.3	3747802.8	-30.22
L0000029	407693.3	3747752.8	-30.58
L0000029	407743.3	3747752.8	-30.28
L0000029	407693.3	3747802.8	-4.95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57

L0000032	407843.3	3747702.8	-15.44
L0000032	407893.3	3747702.8	-4.17
L0000033	407893.3	3747602.8	-23.08
L0000033	407943.3	3747602.8	-6.29
L0000033	407893.3	3747652.8	-33.98
L0000033	407943.3	3747652.8	-12.73
L0000034	407943.3	3747552.8	-5.59
L0000034	407943.3	3747602.8	-48.35
L0000034	407993.3	3747602.8	-13.66
L0000034	407943.3	3747652.8	-5.26
L0000035	407993.3	3747552.8	-36.87
L0000035	408043.3	3747552.8	-6.54
L0000035	407993.3	3747602.8	-24.40
L0000035	408043.3	3747602.8	-0.51
L0000036	408043.3	3747502.8	-18.49
L0000036	407993.3	3747552.8	-3.77
L0000036	408043.3	3747552.8	-43.50
L0000036	408093.3	3747552.8	-5.17
L0000037	408093.3	3747452.8	0.42
L0000037	408043.3	3747502.8	-8.33
L0000037	408093.3	3747502.8	-49.08
L0000037	408143.3	3747502.8	-2.88
L0000037	408093.3	3747552.8	-12.28
L0000038	408093.3	3747452.8	-5.49
L0000038	408143.3	3747452.8	-30.05
L0000038	408093.3	3747502.8	-5.69
L0000038	408143.3	3747502.8	-30.44
L0000039	408193.3	3747402.8	-11.62
L0000039	408143.3	3747452.8	-15.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64
L0000044	408443.3	3747252.8	-11.66
L0000044	408393.3	3747302.8	-26.64

L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13
L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000049	408643.3	3747152.8	-4.47
L0000050	408643.3	3747052.8	-17.45
L0000050	408693.3	3747052.8	-26.48
L0000050	408643.3	3747102.8	-14.60
L0000050	408693.3	3747102.8	-22.85
L0000051	408693.3	3747002.8	-3.07
L0000051	408743.3	3747002.8	-7.28
L0000051	408693.3	3747052.8	-26.14
L0000051	408743.3	3747052.8	-34.46
L0000052	408743.3	3747002.8	-24.53
L0000052	408793.3	3747002.8	-28.63
L0000052	408743.3	3747052.8	-11.92
L0000052	408793.3	3747052.8	-14.75
L0000053	408793.3	3746952.8	-11.17
L0000053	408843.3	3746952.8	-11.78
L0000053	408793.3	3747002.8	-27.28
L0000053	408843.3	3747002.8	-28.24
L0000054	408843.3	3746952.8	-30.94
L0000054	408893.3	3746952.8	-28.43
L0000054	408843.3	3747002.8	-7.99
L0000054	408893.3	3747002.8	-6.64
L0000055	408893.3	3746902.8	-18.88
L0000055	408943.3	3746902.8	-15.01
L0000055	408893.3	3746952.8	-26.24
L0000055	408943.3	3746952.8	-21.54
L0000056	408943.3	3746902.8	-33.59
L0000056	408993.3	3746902.8	-27.57
L0000056	408943.3	3746952.8	-5.60
L0000056	408993.3	3746952.8	-2.65

L0000057	408993.3	3746852.8	-19.42
L0000057	409043.3	3746852.8	-15.40
L0000057	408993.3	3746902.8	-25.88
L0000057	409043.3	3746902.8	-21.11
L0000058	409043.3	3746852.8	-33.80
L0000058	409093.3	3746852.8	-27.57
L0000058	409043.3	3746902.8	-5.08
L0000058	409093.3	3746902.8	-2.08

*** 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 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 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,

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

Surface file:
KFUL_V9_ADJU\KFUL_V9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	283.8	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 406293.32	406343.32	406393.32	406443.32	406493.32
3748852.8	0.07034m(13010324)	0.08176m(13010324)	0.09542m(13010324)	0.10921m(13010324)	0.11834m(13010324)
3748802.8	0.07925m(13010324)	0.09663m(13010324)	0.12181m(13010324)	0.15368m(13010324)	0.17354m(13010324)
3748752.8	0.08798m(13010324)	0.11312m(13010324)	0.16071m(13010324)	0.26885m(13010324)	0.17703m(13010324)
3748702.8	0.09458m(13010324)	0.12553m(13010324)	0.19390m(13010324)	0.18734m(13010324)	0.15562m(13010324)
3748652.8	0.09747m(13010324)	0.12839m(13010324)	0.18893m(13010324)	0.33515m(13010324)	0.22599m(13010324)
3748602.8	0.09683m(13010324)	0.12380m(13010324)	0.16856m(13010324)	0.24796m(13010324)	0.40067m(13010324)
3748552.8	0.09391m(13010324)	0.11633m(13010324)	0.14955m(13010324)	0.20044m(13010324)	0.28255m(13010324)
3748502.8	0.08989m(13010324)	0.10839m(13010324)	0.13386m(13010324)	0.16971m(13010324)	0.22201m(13010324)
3748452.8	0.08548m(13010324)	0.10085m(13010324)	0.12097m(13010324)	0.14775m(13010324)	0.18436m(13010324)
3748402.8	0.08104m(13010324)	0.09394m(13010324)	0.11023m(13010324)	0.13105m(13010324)	0.15821m(13010324)
3748352.8	0.07675m(13010324)	0.08769m(13010324)	0.10112m(13010324)	0.11777m(13010324)	0.13872m(13010324)
3748302.8	0.07268m(13010324)	0.08205m(13010324)	0.09329m(13010324)	0.10688m(13010324)	0.12350m(13010324)
3748252.8	0.06887m(13010324)	0.07696m(13010324)	0.08648m(13010324)	0.09775m(13010324)	0.11121m(13010324)
3748202.8	0.06532m(13010324)	0.07235m(13010324)	0.08049m(13010324)	0.08997m(13010324)	0.10106m(13010324)
3748152.8	0.06202m(13010324)	0.06817m(13010324)	0.07520m(13010324)	0.08326m(13010324)	0.09253m(13010324)
3748102.8	0.05895m(13010324)	0.06437m(13010324)	0.07049m(13010324)	0.07741m(13010324)	0.08526m(13010324)
3748052.8	0.05611m(13010324)	0.06091m(13010324)	0.06628m(13010324)	0.07228m(13010324)	0.07900m(13010324)
3748002.8	0.05347m(13010324)	0.05775m(13010324)	0.06249m(13010324)	0.06773m(13010324)	0.07354m(13010324)
3747952.8	0.05103m(13010324)	0.05486m(13010324)	0.05906m(13010324)		

0.06368m(13010324) 0.06876m(13010324)
3747902.8 | 0.04875m(13010324) 0.05219m(13010324) 0.05595m(13010324)
0.06005m(13010324) 0.06452m(13010324)
3747852.8 | 0.04663m(13010324) 0.04974m(13010324) 0.05312m(13010324)
0.05678m(13010324) 0.06074m(13010324)
3747802.8 | 0.04466m(13010324) 0.04748m(13010324) 0.05053m(13010324)
0.05381m(13010324) 0.05735m(13010324)
3747752.8 | 0.04281m(13010324) 0.04538m(13010324) 0.04814m(13010324)
0.05111m(13010324) 0.05429m(13010324)
3747702.8 | 0.04109m(13010324) 0.04344m(13010324) 0.04595m(13010324)
0.04863m(13010324) 0.05150m(13010324)
3747652.8 | 0.03947m(13010324) 0.04162m(13010324) 0.04392m(13010324)
0.04636m(13010324) 0.04897m(13010324)
3747602.8 | 0.03795m(13010324) 0.03993m(13010324) 0.04204m(13010324)
0.04427m(13010324) 0.04664m(13010324)
3747552.8 | 0.03652m(13010324) 0.03835m(13010324) 0.04029m(13010324)
0.04233m(13010324) 0.04450m(13010324)
3747502.8 | 0.03518m(13010324) 0.03687m(13010324) 0.03865m(13010324)
0.04053m(13010324) 0.04252m(13010324)
3747452.8 | 0.03390m(13010324) 0.03547m(13010324) 0.03712m(13010324)
0.03886m(13010324) 0.04069m(13010324)
3747402.8 | 0.03270m(13010324) 0.03416m(13010324) 0.03569m(13010324)
0.03729m(13010324) 0.03898m(13010324)
3747352.8 | 0.03157m(13010324) 0.03292m(13010324) 0.03434m(13010324)
0.03583m(13010324) 0.03739m(13010324)
3747302.8 | 0.03049m(13010324) 0.03175m(13010324) 0.03307m(13010324)
0.03445m(13010324) 0.03590m(13010324)
3747252.8 | 0.02946m(13010324) 0.03064m(13010324) 0.03188m(13010324)
0.03316m(13010324) 0.03451m(13010324)
3747202.8 | 0.02849m(13010324) 0.02959m(13010324) 0.03074m(13010324)
0.03194m(13010324) 0.03319m(13010324)
3747152.8 | 0.02756m(13010324) 0.02860m(13010324) 0.02967m(13010324)
0.03079m(13010324) 0.03196m(13010324)
3747102.8 | 0.02668m(13010324) 0.02765m(13010324) 0.02866m(13010324)
0.02970m(13010324) 0.03079m(13010324)
3747052.8 | 0.02584m(13010324) 0.02675m(13010324) 0.02769m(13010324)
0.02867m(13010324) 0.02969m(13010324)
3747002.8 | 0.02503m(13010324) 0.02589m(13010324) 0.02678m(13010324)
0.02769m(13010324) 0.02865m(13010324)
3746952.8 | 0.02426m(13010324) 0.02507m(13010324) 0.02590m(13010324)
0.02676m(13010324) 0.02766m(13010324)
3746902.8 | 0.02353m(13010324) 0.02428m(13010324) 0.02507m(13010324)
0.02588m(13010324) 0.02672m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

3746852.8	0.02282m(13010324)	0.02354m(13010324)	0.02427m(13010324)	0.02504m(13010324)	0.02582m(13010324)
3746802.8	0.02215m(13010324)	0.02282m(13010324)	0.02351m(13010324)	0.02423m(13010324)	0.02497m(13010324)
3746752.8	0.02150m(13010324)	0.02213m(13010324)	0.02279m(13010324)	0.02346m(13010324)	0.02416m(13010324)
3746702.8	0.02087m(13010324)	0.02147m(13010324)	0.02209m(13010324)	0.02273m(13010324)	0.02339m(13010324)
3746652.8	0.02028m(13010324)	0.02084m(13010324)	0.02143m(13010324)	0.02203m(13010324)	0.02265m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

3748852.8	0.11991m(13010324)	0.11607m(13010324)	0.10999m(13010324)	0.10347m(13010324)	0.09726m(13010324)
3748802.8	0.16808m(13010324)	0.15315m(13010324)	0.13834m(13010324)	0.12563m(13010324)	0.11504m(13010324)
3748752.8	0.27092m(13010324)	0.21590m(13010324)	0.18048m(13010324)	0.15601m(13010324)	0.13815m(13010324)
3748702.8	0.31611m(13010324)	0.32925m(13010324)	0.24535m(13010324)	0.19862m(13010324)	0.16868m(13010324)
3748652.8	0.25255m(13010324)	0.36465m(13010324)	0.35405m(13010324)	0.26133m(13010324)	0.21028m(13010324)
3748602.8	0.28072m(13010324)	0.29908m(13010324)	0.26655m(13010324)	0.36432m(13010324)	0.27064m(13010324)
3748552.8	0.43663m(13010324)	0.28708m(13010324)	0.34978m(13010324)	0.41006m(13010324)	0.36930m(13010324)
3748502.8	0.30491m(13010324)	0.46355m(13010324)	0.30443m(13010324)	0.32315m(13010324)	0.39591m(13010324)
3748452.8	0.23706m(13010324)	0.32089m(13010324)	0.48312m(13010324)	0.33938m(13010324)	0.32249m(13010324)
3748402.8	0.19492m(13010324)	0.24772m(13010324)	0.33242m(13010324)		

0.49855m(13010324) 0.33122m(13010324)
3748352.8 | 0.16578m(13010324) 0.20220m(13010324) 0.25458m(13010324)
0.33884m(13010324) 0.36605m(13010324)
3748302.8 | 0.14421m(13010324) 0.17072m(13010324) 0.20611m(13010324)
0.25625m(13010324) 0.33347m(13010324)
3748252.8 | 0.12750m(13010324) 0.14755m(13010324) 0.17287m(13010324)
0.20586m(13010324) 0.25060m(13010324)
3748202.8 | 0.11415m(13010324) 0.12978m(13010324) 0.14872m(13010324)
0.17209m(13010324) 0.20156m(13010324)
3748152.8 | 0.10325m(13010324) 0.11575m(13010324) 0.13044m(13010324)
0.14790m(13010324) 0.16895m(13010324)
3748102.8 | 0.09419m(13010324) 0.10440m(13010324) 0.11613m(13010324)
0.12972m(13010324) 0.14560m(13010324)
3748052.8 | 0.08654m(13010324) 0.09504m(13010324) 0.10463m(13010324)
0.11554m(13010324) 0.12800m(13010324)
3748002.8 | 0.08000m(13010324) 0.08718m(13010324) 0.09519m(13010324)
0.10415m(13010324) 0.11423m(13010324)
3747952.8 | 0.07434m(13010324) 0.08049m(13010324) 0.08728m(13010324)
0.09479m(13010324) 0.10313m(13010324)
3747902.8 | 0.06940m(13010324) 0.07473m(13010324) 0.08056m(13010324)
0.08695m(13010324) 0.09398m(13010324)
3747852.8 | 0.06504m(13010324) 0.06971m(13010324) 0.07477m(13010324)
0.08028m(13010324) 0.08629m(13010324)
3747802.8 | 0.06117m(13010324) 0.06528m(13010324) 0.06973m(13010324)
0.07453m(13010324) 0.07974m(13010324)
3747752.8 | 0.05770m(13010324) 0.06136m(13010324) 0.06529m(13010324)
0.06952m(13010324) 0.07407m(13010324)
3747702.8 | 0.05457m(13010324) 0.05785m(13010324) 0.06135m(13010324)
0.06510m(13010324) 0.06912m(13010324)
3747652.8 | 0.05174m(13010324) 0.05468m(13010324) 0.05783m(13010324)
0.06117m(13010324) 0.06475m(13010324)
3747602.8 | 0.04915m(13010324) 0.05182m(13010324) 0.05465m(13010324)
0.05766m(13010324) 0.06086m(13010324)
3747552.8 | 0.04679m(13010324) 0.04921m(13010324) 0.05178m(13010324)
0.05449m(13010324) 0.05737m(13010324)
3747502.8 | 0.04462m(13010324) 0.04683m(13010324) 0.04916m(13010324)
0.05162m(13010324) 0.05423m(13010324)
3747452.8 | 0.04261m(13010324) 0.04463m(13010324) 0.04676m(13010324)
0.04901m(13010324) 0.05137m(13010324)
3747402.8 | 0.04075m(13010324) 0.04261m(13010324) 0.04456m(13010324)
0.04661m(13010324) 0.04877m(13010324)
3747352.8 | 0.03902m(13010324) 0.04074m(13010324) 0.04253m(13010324)
0.04441m(13010324) 0.04638m(13010324)
3747302.8 | 0.03741m(13010324) 0.03899m(13010324) 0.04065m(13010324)
0.04238m(13010324) 0.04419m(13010324)
3747252.8 | 0.03591m(13010324) 0.03737m(13010324) 0.03890m(13010324)
0.04050m(13010324) 0.04216m(13010324)
3747202.8 | 0.03450m(13010324) 0.03585m(13010324) 0.03727m(13010324)
0.03874m(13010324) 0.04028m(13010324)
3747152.8 | 0.03317m(13010324) 0.03443m(13010324) 0.03575m(13010324)
0.03711m(13010324) 0.03854m(13010324)
3747102.8 | 0.03192m(13010324) 0.03310m(13010324) 0.03432m(13010324)
0.03559m(13010324) 0.03691m(13010324)
3747052.8 | 0.03075m(13010324) 0.03184m(13010324) 0.03298m(13010324)
0.03416m(13010324) 0.03538m(13010324)
3747002.8 | 0.02963m(13010324) 0.03066m(13010324) 0.03172m(13010324)
0.03282m(13010324) 0.03395m(13010324)
3746952.8 | 0.02858m(13010324) 0.02954m(13010324) 0.03053m(13010324)
0.03155m(13010324) 0.03261m(13010324)
3746902.8 | 0.02758m(13010324) 0.02848m(13010324) 0.02940m(13010324)
0.03036m(13010324) 0.03135m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 406543.32	406593.32	406643.32	406693.32	406743.32
3746852.8	0.02664m(13010324)	0.02748m(13010324)	0.02834m(13010324)	0.02924m(13010324)	0.03016m(13010324)
3746802.8	0.02574m(13010324)	0.02652m(13010324)	0.02733m(13010324)	0.02817m(13010324)	0.02903m(13010324)
3746752.8	0.02488m(13010324)	0.02562m(13010324)	0.02638m(13010324)	0.02716m(13010324)	0.02797m(13010324)
3746702.8	0.02406m(13010324)	0.02476m(13010324)	0.02547m(13010324)	0.02621m(13010324)	0.02696m(13010324)
3746652.8	0.02328m(13010324)	0.02394m(13010324)	0.02461m(13010324)	0.02530m(13010324)	0.02600m(13010324)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 406793.32	406843.32	406893.32	406943.32	406993.32
3748852.8	0.09162m(13010324)	0.08656m(13010324)	0.08206m(13010324)		

0.07805m(13010324) 0.07446m(13010324)
3748802.8 | 0.10624m(13010324) 0.09886m(13010324) 0.09261m(13010324)
0.08725m(13010324) 0.08258m(13010324)
3748752.8 | 0.12456m(13010324) 0.11386m(13010324) 0.10521m(13010324)
0.09807m(13010324) 0.09204m(13010324)
3748702.8 | 0.14778m(13010324) 0.13232m(13010324) 0.12041m(13010324)
0.11091m(13010324) 0.10313m(13010324)
3748652.8 | 0.17788m(13010324) 0.15546m(13010324) 0.13901m(13010324)
0.12638m(13010324) 0.11631m(13010324)
3748602.8 | 0.21851m(13010324) 0.18532m(13010324) 0.16232m(13010324)
0.14537m(13010324) 0.13226m(13010324)
3748552.8 | 0.27732m(13010324) 0.22570m(13010324) 0.19263m(13010324)
0.16945m(13010324) 0.15210m(13010324)
3748502.8 | 0.37331m(13010324) 0.28470m(13010324) 0.23444m(13010324)
0.20147m(13010324) 0.17777m(13010324)
3748452.8 | 0.40343m(13010324) 0.38313m(13010324) 0.29811m(13010324)
0.24738m(13010324) 0.21298m(13010324)
3748402.8 | 0.34946m(13010324) 0.30533m(13010324) 0.41441m(13010324)
0.32170m(13010324) 0.26568m(13010324)
3748352.8 | 0.31662m(13010324) 0.36486m(13010324) 0.45926m(13010324)
0.47079m(13010324) 0.35644m(13010324)
3748302.8 | 0.46690m(13010324) 0.31296m(13010324) 0.34060m(13010324)
0.35527m(13010324) 0.40457m(13010324)
3748252.8 | 0.31464m(13010324) 0.41600m(13010324) 0.41793m(13010324)
0.33420m(13010324) 0.34431m(13010324)
3748202.8 | 0.23990m(13010324) 0.29226m(13010324) 0.36990m(13010324)
0.50406m(13010324) 0.33687m(13010324)
3748152.8 | 0.19481m(13010324) 0.22754m(13010324) 0.27092m(13010324)
0.33276m(13010324) 0.43165m(13010324)
3748102.8 | 0.16440m(13010324) 0.18713m(13010324) 0.21540m(13010324)
0.25213m(13010324) 0.30287m(13010324)
3748052.8 | 0.14239m(13010324) 0.15924m(13010324) 0.17939m(13010324)
0.20415m(13010324) 0.23578m(13010324)
3748002.8 | 0.12565m(13010324) 0.13873m(13010324) 0.15394m(13010324)
0.17196m(13010324) 0.19389m(13010324)
3747952.8 | 0.11245m(13010324) 0.12294m(13010324) 0.13490m(13010324)
0.14871m(13010324) 0.16496m(13010324)
3747902.8 | 0.10175m(13010324) 0.11038m(13010324) 0.12006m(13010324)
0.13103m(13010324) 0.14364m(13010324)
3747852.8 | 0.09288m(13010324) 0.10012m(13010324) 0.10814m(13010324)
0.11710m(13010324) 0.12722m(13010324)
3747802.8 | 0.08539m(13010324) 0.09156m(13010324) 0.09833m(13010324)
0.10581m(13010324) 0.11413m(13010324)
3747752.8 | 0.07899m(13010324) 0.08431m(13010324) 0.09011m(13010324)
0.09645m(13010324) 0.10344m(13010324)
3747702.8 | 0.07343m(13010324) 0.07808m(13010324) 0.08310m(13010324)
0.08856m(13010324) 0.09452m(13010324)
3747652.8 | 0.06856m(13010324) 0.07266m(13010324) 0.07706m(13010324)
0.08180m(13010324) 0.08695m(13010324)
3747602.8 | 0.06426m(13010324) 0.06789m(13010324) 0.07178m(13010324)
0.07595m(13010324) 0.08044m(13010324)
3747552.8 | 0.06042m(13010324) 0.06367m(13010324) 0.06712m(13010324)
0.07082m(13010324) 0.07477m(13010324)
3747502.8 | 0.05698m(13010324) 0.05989m(13010324) 0.06299m(13010324)
0.06628m(13010324) 0.06979m(13010324)
3747452.8 | 0.05387m(13010324) 0.05650m(13010324) 0.05929m(13010324)
0.06224m(13010324) 0.06537m(13010324)
3747402.8 | 0.05104m(13010324) 0.05343m(13010324) 0.05595m(13010324)
0.05861m(13010324) 0.06143m(13010324)
3747352.8 | 0.04846m(13010324) 0.05063m(13010324) 0.05292m(13010324)
0.05533m(13010324) 0.05788m(13010324)
3747302.8 | 0.04609m(13010324) 0.04808m(13010324) 0.05016m(13010324)
0.05236m(13010324) 0.05466m(13010324)
3747252.8 | 0.04391m(13010324) 0.04573m(13010324) 0.04764m(13010324)
0.04964m(13010324) 0.05174m(13010324)
3747202.8 | 0.04189m(13010324) 0.04356m(13010324) 0.04532m(13010324)

0.04715m(13010324) 0.04907m(13010324)
3747152.8 | 0.04002m(13010324) 0.04156m(13010324) 0.04317m(13010324)
0.04486m(13010324) 0.04661m(13010324)
3747102.8 | 0.03828m(13010324) 0.03970m(13010324) 0.04119m(13010324)
0.04274m(13010324) 0.04435m(13010324)
3747052.8 | 0.03665m(13010324) 0.03797m(13010324) 0.03935m(13010324)
0.04077m(13010324) 0.04226m(13010324)
3747002.8 | 0.03513m(13010324) 0.03636m(13010324) 0.03763m(13010324)
0.03895m(13010324) 0.04032m(13010324)
3746952.8 | 0.03371m(13010324) 0.03485m(13010324) 0.03602m(13010324)
0.03725m(13010324) 0.03851m(13010324)
3746902.8 | 0.03237m(13010324) 0.03343m(13010324) 0.03452m(13010324)
0.03565m(13010324) 0.03683m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
406793.32 406843.32 406893.32 406943.32 406993.32
- - - -

L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	407043.32	407093.32	407143.32	407193.32	407243.32
3748852.8	0.07123m(13010324)	0.06829m(13010324)	0.06561m(13010324)	0.06314m(13010324)	0.06085m(13010324)
3748802.8	0.07848m(13010324)	0.07484m(13010324)	0.07156m(13010324)	0.06859m(13010324)	0.06587m(13010324)
3748752.8	0.08686m(13010324)	0.08233m(13010324)	0.07833m(13010324)	0.07475m(13010324)	0.07151m(13010324)
3748702.8	0.09659m(13010324)	0.09098m(13010324)	0.08609m(13010324)	0.08177m(13010324)	0.07790m(13010324)
3748652.8	0.10803m(13010324)	0.10106m(13010324)	0.09507m(13010324)	0.08983m(13010324)	0.08519m(13010324)
3748602.8	0.12172m(13010324)	0.11299m(13010324)	0.10560m(13010324)	0.09921m(13010324)	0.09361m(13010324)
3748552.8	0.13848m(13010324)	0.12741m(13010324)	0.11816m(13010324)	0.11029m(13010324)	0.10347m(13010324)
3748502.8	0.15969m(13010324)	0.14531m(13010324)	0.13352m(13010324)	0.12363m(13010324)	0.11519m(13010324)
3748452.8	0.18779m(13010324)	0.16837m(13010324)	0.15285m(13010324)	0.14011m(13010324)	0.12944m(13010324)
3748402.8	0.22754m(13010324)	0.19962m(13010324)	0.17819m(13010324)	0.16115m(13010324)	0.14723m(13010324)
3748352.8	0.28954m(13010324)	0.24514m(13010324)	0.21328m(13010324)	0.18918m(13010324)	0.17023m(13010324)
3748302.8	0.40365m(13010324)	0.31928m(13010324)	0.26596m(13010324)	0.22889m(13010324)	0.20144m(13010324)
3748252.8	0.44843m(13010324)	0.46757m(13010324)	0.35622m(13010324)	0.29060m(13010324)	0.24679m(13010324)
3748202.8	0.34359m(13010324)	0.33742m(13010324)	0.40193m(13010324)	0.40332m(13010324)	0.32031m(13010324)
3748152.8	0.42564m(13010324)	0.35459m(13010324)	0.34323m(13010324)	0.32358m(13010324)	0.46650m(13010324)
3748102.8	0.37966m(13010324)	0.51433m(13010324)	0.47697m(13010324)	0.36185m(13010324)	0.33493m(13010324)
3748052.8	0.27832m(13010324)	0.33989m(13010324)	0.43954m(13010324)	0.44411m(13010324)	0.38241m(13010324)
3748002.8	0.22146m(13010324)	0.25766m(13010324)	0.30810m(13010324)	0.38472m(13010324)	0.51810m(13010324)
3747952.8	0.18453m(13010324)	0.20877m(13010324)	0.23991m(13010324)	0.28193m(13010324)	0.34270m(13010324)
3747902.8	0.15838m(13010324)	0.17595m(13010324)	0.19742m(13010324)	0.22449m(13010324)	0.26009m(13010324)
3747852.8	0.13879m(13010324)	0.15221m(13010324)	0.16806m(13010324)	0.18722m(13010324)	0.21100m(13010324)
3747802.8	0.12349m(13010324)	0.13414m(13010324)	0.14642m(13010324)	0.16081m(13010324)	0.17801m(13010324)
3747752.8	0.11119m(13010324)	0.11988m(13010324)	0.12972m(13010324)	0.14099m(13010324)	0.15412m(13010324)
3747702.8	0.10106m(13010324)	0.10830m(13010324)	0.11639m(13010324)	0.12550m(13010324)	0.13590m(13010324)
3747652.8	0.09255m(13010324)	0.09869m(13010324)	0.10547m(13010324)		

0.11302m(13010324) 0.12150m(13010324)
3747602.8 | 0.08530m(13010324) 0.09058m(13010324) 0.09636m(13010324)
0.10272m(13010324) 0.10978m(13010324)
3747552.8 | 0.07903m(13010324) 0.08362m(13010324) 0.08861m(13010324)
0.09405m(13010324) 0.10003m(13010324)
3747502.8 | 0.07355m(13010324) 0.07758m(13010324) 0.08194m(13010324)
0.08665m(13010324) 0.09179m(13010324)
3747452.8 | 0.06872m(13010324) 0.07229m(13010324) 0.07612m(13010324)
0.08025m(13010324) 0.08471m(13010324)
3747402.8 | 0.06442m(13010324) 0.06760m(13010324) 0.07100m(13010324)
0.07465m(13010324) 0.07856m(13010324)
3747352.8 | 0.06057m(13010324) 0.06342m(13010324) 0.06646m(13010324)
0.06970m(13010324) 0.07316m(13010324)
3747302.8 | 0.05710m(13010324) 0.05967m(13010324) 0.06240m(13010324)
0.06529m(13010324) 0.06838m(13010324)
3747252.8 | 0.05395m(13010324) 0.05628m(13010324) 0.05874m(13010324)
0.06134m(13010324) 0.06411m(13010324)
3747202.8 | 0.05108m(13010324) 0.05320m(13010324) 0.05543m(13010324)
0.05778m(13010324) 0.06026m(13010324)
3747152.8 | 0.04845m(13010324) 0.05038m(13010324) 0.05241m(13010324)
0.05454m(13010324) 0.05679m(13010324)
3747102.8 | 0.04604m(13010324) 0.04780m(13010324) 0.04965m(13010324)
0.05159m(13010324) 0.05363m(13010324)
3747052.8 | 0.04381m(13010324) 0.04543m(13010324) 0.04712m(13010324)
0.04889m(13010324) 0.05074m(13010324)
3747002.8 | 0.04175m(13010324) 0.04323m(13010324) 0.04478m(13010324)
0.04640m(13010324) 0.04810m(13010324)
3746952.8 | 0.03983m(13010324) 0.04120m(13010324) 0.04262m(13010324)
0.04411m(13010324) 0.04566m(13010324)
3746902.8 | 0.03804m(13010324) 0.03931m(13010324) 0.04062m(13010324)
0.04198m(13010324) 0.04340m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 50
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407043.32	407093.32	407143.32	407193.32	407243.32
3746852.8	0.03638m(13010324)	0.03754m(13010324)	0.03875m(13010324)	0.04001m(13010324)	0.04131m(13010324)
3746802.8	0.03482m(13010324)	0.03590m(13010324)	0.03701m(13010324)	0.03817m(13010324)	0.03937m(13010324)
3746752.8	0.03335m(13010324)	0.03435m(13010324)	0.03538m(13010324)		

0.03645m(13010324) 0.03756m(13010324)
3746702.8 | 0.03198m(13010324) 0.03291m(13010324) 0.03386m(13010324)
0.03485m(13010324) 0.03587m(13010324)
3746652.8 | 0.03069m(13010324) 0.03154m(13010324) 0.03243m(13010324)
0.03334m(13010324) 0.03428m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 51
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	407293.32	407343.32	407393.32	407443.32	407493.32
3748852.8	0.05873m(13010324)	0.05674m(13010324)	0.05488m(13010324)	0.05312m(13010324)	0.05145m(13010324)
3748802.8	0.06336m(13010324)	0.06104m(13010324)	0.05888m(13010324)	0.05685m(13010324)	0.05495m(13010324)
3748752.8	0.06855m(13010324)	0.06584m(13010324)	0.06332m(13010324)	0.06099m(13010324)	0.05881m(13010324)
3748702.8	0.07440m(13010324)	0.07121m(13010324)	0.06829m(13010324)	0.06559m(13010324)	0.06308m(13010324)
3748652.8	0.08104m(13010324)	0.07729m(13010324)	0.07387m(13010324)	0.07073m(13010324)	0.06784m(13010324)
3748602.8	0.08865m(13010324)	0.08420m(13010324)	0.08019m(13010324)	0.07653m(13010324)	0.07318m(13010324)
3748552.8	0.09748m(13010324)	0.09217m(13010324)	0.08741m(13010324)	0.08311m(13010324)	0.07921m(13010324)
3748502.8	0.10787m(13010324)	0.10145m(13010324)	0.09576m(13010324)	0.09067m(13010324)	0.08609m(13010324)
3748452.8	0.12033m(13010324)	0.11245m(13010324)	0.10556m(13010324)	0.09946m(13010324)	0.09401m(13010324)
3748402.8	0.13561m(13010324)	0.12574m(13010324)	0.11724m(13010324)	0.10981m(13010324)	0.10326m(13010324)
3748352.8	0.15489m(13010324)	0.14218m(13010324)	0.13145m(13010324)	0.12224m(13010324)	0.11424m(13010324)
3748302.8	0.18019m(13010324)	0.16319m(13010324)	0.14922m(13010324)	0.13750m(13010324)	0.12751m(13010324)
3748252.8	0.21520m(13010324)	0.19119m(13010324)	0.17222m(13010324)	0.15679m(13010324)	0.14395m(13010324)
3748202.8	0.26766m(13010324)	0.23085m(13010324)	0.20345m(13010324)	0.18212m(13010324)	0.16498m(13010324)
3748152.8	0.35741m(13010324)	0.29255m(13010324)	0.24891m(13010324)	0.21724m(13010324)	0.19306m(13010324)
3748102.8	0.41171m(13010324)	0.40561m(13010324)	0.32286m(13010324)		

0.27001m(13010324) 0.23292m(13010324)
3748052.8 | 0.35829m(13010324) 0.32124m(13010324) 0.47052m(13010324)
0.36063m(13010324) 0.29507m(13010324)
3748002.8 | 0.33761m(13010324) 0.25885m(13010324) 0.34628m(13010324)
0.56192m(13010324) 0.40928m(13010324)
3747952.8 | 0.44082m(13010324) 0.31434m(13010324) 0.35409m(13010324)
0.39404m(13010324) 0.32924m(13010324)
3747902.8 | 0.30967m(13010324) 0.38501m(13010324) 0.51685m(13010324)
0.33130m(13010324) 0.36363m(13010324)
3747852.8 | 0.24161m(13010324) 0.28297m(13010324) 0.34287m(13010324)
0.43969m(13010324) 0.44323m(13010324)
3747802.8 | 0.19909m(13010324) 0.22574m(13010324) 0.26085m(13010324)
0.30980m(13010324) 0.38413m(13010324)
3747752.8 | 0.16967m(13010324) 0.18850m(13010324) 0.21194m(13010324)
0.24217m(13010324) 0.28304m(13010324)
3747702.8 | 0.14793m(13010324) 0.16206m(13010324) 0.17900m(13010324)
0.19981m(13010324) 0.22614m(13010324)
3747652.8 | 0.13112m(13010324) 0.14218m(13010324) 0.15509m(13010324)
0.17042m(13010324) 0.18902m(13010324)
3747602.8 | 0.11768m(13010324) 0.12661m(13010324) 0.13683m(13010324)
0.14867m(13010324) 0.16261m(13010324)
3747552.8 | 0.10665m(13010324) 0.11404m(13010324) 0.12235m(13010324)
0.13182m(13010324) 0.14272m(13010324)
3747502.8 | 0.09743m(13010324) 0.10364m(13010324) 0.11056m(13010324)
0.11832m(13010324) 0.12712m(13010324)
3747452.8 | 0.08957m(13010324) 0.09489m(13010324) 0.10074m(13010324)
0.10724m(13010324) 0.11450m(13010324)
3747402.8 | 0.08280m(13010324) 0.08740m(13010324) 0.09242m(13010324)
0.09794m(13010324) 0.10405m(13010324)
3747352.8 | 0.07689m(13010324) 0.08091m(13010324) 0.08527m(13010324)
0.09002m(13010324) 0.09523m(13010324)
3747302.8 | 0.07168m(13010324) 0.07522m(13010324) 0.07904m(13010324)
0.08318m(13010324) 0.08768m(13010324)
3747252.8 | 0.06705m(13010324) 0.07019m(13010324) 0.07357m(13010324)
0.07720m(13010324) 0.08112m(13010324)
3747202.8 | 0.06290m(13010324) 0.06571m(13010324) 0.06871m(13010324)
0.07192m(13010324) 0.07537m(13010324)
3747152.8 | 0.05917m(13010324) 0.06169m(13010324) 0.06437m(13010324)
0.06722m(13010324) 0.07028m(13010324)
3747102.8 | 0.05578m(13010324) 0.05805m(13010324) 0.06046m(13010324)
0.06301m(13010324) 0.06574m(13010324)
3747052.8 | 0.05269m(13010324) 0.05475m(13010324) 0.05692m(13010324)
0.05921m(13010324) 0.06165m(13010324)
3747002.8 | 0.04987m(13010324) 0.05173m(13010324) 0.05370m(13010324)
0.05577m(13010324) 0.05796m(13010324)
3746952.8 | 0.04728m(13010324) 0.04897m(13010324) 0.05075m(13010324)
0.05263m(13010324) 0.05460m(13010324)
3746902.8 | 0.04488m(13010324) 0.04643m(13010324) 0.04805m(13010324)
0.04975m(13010324) 0.05153m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,

L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407293.32	407343.32	407393.32	407443.32
407493.32				
3746852.8	0.04267m(13010324)	0.04408m(13010324)	0.04556m(13010324)	0.04710m(13010324)
0.04872m(13010324)				
3746802.8	0.04061m(13010324)	0.04191m(13010324)	0.04326m(13010324)	0.04466m(13010324)
0.04613m(13010324)				
3746752.8	0.03870m(13010324)	0.03989m(13010324)	0.04112m(13010324)	0.04240m(13010324)
0.04374m(13010324)				
3746702.8	0.03692m(13010324)	0.03801m(13010324)	0.03914m(13010324)	0.04031m(13010324)
0.04153m(13010324)				
3746652.8	0.03525m(13010324)	0.03625m(13010324)	0.03729m(13010324)	0.03836m(13010324)
0.03947m(13010324)				

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407543.32	407593.32	407643.32	407693.32
407743.32				
3748852.8	0.04987m(13010324)	0.04837m(13010324)	0.04693m(13010324)	0.04556m(13010324)
0.04425m(13010324)				
3748802.8	0.05315m(13010324)	0.05145m(13010324)	0.04983m(13010324)	0.04830m(13010324)
0.04683m(13010324)				
3748752.8	0.05676m(13010324)	0.05483m(13010324)	0.05301m(13010324)	0.05128m(13010324)
0.04964m(13010324)				
3748702.8	0.06074m(13010324)	0.05855m(13010324)	0.05649m(13010324)	0.05454m(13010324)
0.05270m(13010324)				
3748652.8	0.06516m(13010324)	0.06266m(13010324)	0.06032m(13010324)	0.05813m(13010324)
0.05606m(13010324)				
3748602.8	0.07009m(13010324)	0.06723m(13010324)	0.06457m(13010324)	0.06208m(13010324)
0.05975m(13010324)				
3748552.8	0.07563m(13010324)	0.07234m(13010324)	0.06930m(13010324)	

0.06647m(13010324) 0.06384m(13010324)
3748502.8 | 0.08192m(13010324) 0.07811m(13010324) 0.07461m(13010324)
0.07138m(13010324) 0.06838m(13010324)
3748452.8 | 0.08911m(13010324) 0.08466m(13010324) 0.08061m(13010324)
0.07689m(13010324) 0.07346m(13010324)
3748402.8 | 0.09743m(13010324) 0.09219m(13010324) 0.08746m(13010324)
0.08314m(13010324) 0.07919m(13010324)
3748352.8 | 0.10720m(13010324) 0.10095m(13010324) 0.09535m(13010324)
0.09030m(13010324) 0.08572m(13010324)
3748302.8 | 0.11886m(13010324) 0.11129m(13010324) 0.10458m(13010324)
0.09860m(13010324) 0.09321m(13010324)
3748252.8 | 0.13307m(13010324) 0.12370m(13010324) 0.11554m(13010324)
0.10834m(13010324) 0.10194m(13010324)
3748202.8 | 0.15085m(13010324) 0.13896m(13010324) 0.12880m(13010324)
0.11998m(13010324) 0.11224m(13010324)
3748152.8 | 0.17390m(13010324) 0.15828m(13010324) 0.14525m(13010324)
0.13418m(13010324) 0.12464m(13010324)
3748102.8 | 0.20524m(13010324) 0.18367m(13010324) 0.16631m(13010324)
0.15197m(13010324) 0.13989m(13010324)
3748052.8 | 0.25095m(13010324) 0.21893m(13010324) 0.19447m(13010324)
0.17506m(13010324) 0.15921m(13010324)
3748002.8 | 0.32549m(13010324) 0.27201m(13010324) 0.23450m(13010324)
0.20649m(13010324) 0.18465m(13010324)
3747952.8 | 0.47463m(13010324) 0.36342m(13010324) 0.29705m(13010324)
0.25242m(13010324) 0.22002m(13010324)
3747902.8 | 0.50154m(13010324) 0.41896m(13010324) 0.41236m(13010324)
0.32750m(13010324) 0.27337m(13010324)
3747852.8 | 0.34418m(13010324) 0.36371m(13010324) 0.45728m(13010324)
0.47869m(13010324) 0.36552m(13010324)
3747802.8 | 0.51476m(13010324) 0.33655m(13010324) 0.35082m(13010324)
0.35420m(13010324) 0.41217m(13010324)
3747752.8 | 0.34223m(13010324) 0.43764m(13010324) 0.42968m(13010324)
0.34943m(13010324) 0.34975m(13010324)
3747702.8 | 0.26086m(13010324) 0.30929m(13010324) 0.38272m(13010324)
0.51107m(13010324) 0.47747m(13010324)
3747652.8 | 0.21221m(13010324) 0.24213m(13010324) 0.28264m(13010324)
0.34133m(13010324) 0.43592m(13010324)
3747602.8 | 0.17936m(13010324) 0.19996m(13010324) 0.22609m(13010324)
0.26061m(13010324) 0.30891m(13010324)
3747552.8 | 0.15548m(13010324) 0.17065m(13010324) 0.18911m(13010324)
0.21218m(13010324) 0.24204m(13010324)
3747502.8 | 0.13720m(13010324) 0.14891m(13010324) 0.16275m(13010324)
0.17940m(13010324) 0.19995m(13010324)
3747452.8 | 0.12269m(13010324) 0.13205m(13010324) 0.14285m(13010324)
0.15552m(13010324) 0.17064m(13010324)
3747402.8 | 0.11086m(13010324) 0.11852m(13010324) 0.12722m(13010324)
0.13723m(13010324) 0.14888m(13010324)
3747352.8 | 0.10099m(13010324) 0.10739m(13010324) 0.11456m(13010324)
0.12269m(13010324) 0.13198m(13010324)
3747302.8 | 0.09261m(13010324) 0.09804m(13010324) 0.10407m(13010324)
0.11081m(13010324) 0.11841m(13010324)
3747252.8 | 0.08540m(13010324) 0.09006m(13010324) 0.09520m(13010324)
0.10088m(13010324) 0.10723m(13010324)
3747202.8 | 0.07911m(13010324) 0.08316m(13010324) 0.08759m(13010324)
0.09245m(13010324) 0.09783m(13010324)
3747152.8 | 0.07357m(13010324) 0.07712m(13010324) 0.08097m(13010324)
0.08518m(13010324) 0.08979m(13010324)
3747102.8 | 0.06865m(13010324) 0.07178m(13010324) 0.07516m(13010324)
0.07883m(13010324) 0.08282m(13010324)
3747052.8 | 0.06425m(13010324) 0.06703m(13010324) 0.07001m(13010324)
0.07322m(13010324) 0.07671m(13010324)
3747002.8 | 0.06028m(13010324) 0.06276m(13010324) 0.06540m(13010324)
0.06824m(13010324) 0.07130m(13010324)
3746952.8 | 0.05669m(13010324) 0.05890m(13010324) 0.06126m(13010324)
0.06378m(13010324) 0.06647m(13010324)
3746902.8 | 0.05342m(13010324) 0.05540m(13010324) 0.05751m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407543.32	407593.32	407643.32	407693.32
407743.32				
3746852.8	0.05042m(13010324)	0.05221m(13010324)	0.05410m(13010324)	0.05610m(13010324)
0.05822m(13010324)				
3746802.8	0.04767m(13010324)	0.04928m(13010324)	0.05098m(13010324)	0.05277m(13010324)
0.05466m(13010324)				
3746752.8	0.04513m(13010324)	0.04659m(13010324)	0.04812m(13010324)	0.04972m(13010324)
0.05141m(13010324)				
3746702.8	0.04279m(13010324)	0.04411m(13010324)	0.04549m(13010324)	0.04693m(13010324)
0.04844m(13010324)				
3746652.8	0.04062m(13010324)	0.04182m(13010324)	0.04306m(13010324)	0.04436m(13010324)
0.04571m(13010324)				

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	407793.32	407843.32	407893.32	407943.32	407993.32
3748852.8	0.04298m(13010324)	0.04177m(13010324)	0.04060m(13010324)	0.03948m(13010324)	0.03839m(13010324)
3748802.8	0.04543m(13010324)	0.04408m(13010324)	0.04279m(13010324)	0.04155m(13010324)	0.04035m(13010324)
3748752.8	0.04807m(13010324)	0.04658m(13010324)	0.04515m(13010324)	0.04379m(13010324)	0.04247m(13010324)
3748702.8	0.05096m(13010324)	0.04930m(13010324)	0.04771m(13010324)	0.04620m(13010324)	0.04476m(13010324)
3748652.8	0.05411m(13010324)	0.05226m(13010324)	0.05050m(13010324)	0.04883m(13010324)	0.04723m(13010324)
3748602.8	0.05756m(13010324)	0.05549m(13010324)	0.05354m(13010324)	0.05168m(13010324)	0.04991m(13010324)
3748552.8	0.06137m(13010324)	0.05905m(13010324)	0.05686m(13010324)	0.05480m(13010324)	0.05284m(13010324)
3748502.8	0.06559m(13010324)	0.06297m(13010324)	0.06052m(13010324)	0.05822m(13010324)	0.05604m(13010324)
3748452.8	0.07028m(13010324)	0.06733m(13010324)	0.06457m(13010324)	0.06198m(13010324)	0.05955m(13010324)
3748402.8	0.07556m(13010324)	0.07220m(13010324)	0.06907m(13010324)	0.06616m(13010324)	0.06343m(13010324)
3748352.8	0.08152m(13010324)	0.07767m(13010324)	0.07411m(13010324)	0.07081m(13010324)	0.06774m(13010324)
3748302.8	0.08833m(13010324)	0.08388m(13010324)	0.07980m(13010324)	0.07604m(13010324)	0.07255m(13010324)
3748252.8	0.09619m(13010324)	0.09100m(13010324)	0.08627m(13010324)	0.08195m(13010324)	0.07797m(13010324)
3748202.8	0.10539m(13010324)	0.09925m(13010324)	0.09372m(13010324)	0.08871m(13010324)	0.08412m(13010324)
3748152.8	0.11631m(13010324)	0.10895m(13010324)	0.10240m(13010324)	0.09651m(13010324)	0.09118m(13010324)
3748102.8	0.12954m(13010324)	0.12055m(13010324)	0.11266m(13010324)	0.10564m(13010324)	0.09936m(13010324)
3748052.8	0.14597m(13010324)	0.13472m(13010324)	0.12500m(13010324)	0.11650m(13010324)	0.10899m(13010324)
3748002.8	0.16704m(13010324)	0.15248m(13010324)	0.14020m(13010324)	0.12967m(13010324)	0.12051m(13010324)
3747952.8	0.19524m(13010324)	0.17556m(13010324)	0.15948m(13010324)	0.14603m(13010324)	0.13459m(13010324)
3747902.8	0.23539m(13010324)	0.20702m(13010324)	0.18488m(13010324)	0.16703m(13010324)	0.15225m(13010324)
3747852.8	0.29827m(13010324)	0.25305m(13010324)	0.22023m(13010324)	0.19514m(13010324)	0.17521m(13010324)
3747802.8	0.41459m(13010324)	0.32837m(13010324)	0.27355m(13010324)	0.23517m(13010324)	0.20652m(13010324)
3747752.8	0.46527m(13010324)	0.48067m(13010324)	0.36559m(13010324)	0.29779m(13010324)	0.25229m(13010324)
3747702.8	0.35528m(13010324)	0.34100m(13010324)	0.41401m(13010324)	0.41346m(13010324)	0.32713m(13010324)
3747652.8	0.43257m(13010324)	0.37174m(13010324)	0.35227m(13010324)	0.32598m(13010324)	0.47803m(13010324)
3747602.8	0.38245m(13010324)	0.51070m(13010324)	0.48233m(13010324)	0.37856m(13010324)	0.34110m(13010324)
3747552.8	0.28261m(13010324)	0.34160m(13010324)	0.43699m(13010324)	0.45186m(13010324)	0.36755m(13010324)
3747502.8	0.22608m(13010324)	0.26070m(13010324)	0.30921m(13010324)	0.38322m(13010324)	0.51256m(13010324)
3747452.8	0.18908m(13010324)	0.21217m(13010324)	0.24213m(13010324)	0.28288m(13010324)	0.34225m(13010324)
3747402.8	0.16269m(13010324)	0.17935m(13010324)	0.19995m(13010324)	0.22624m(13010324)	0.26117m(13010324)
3747352.8	0.14276m(13010324)	0.15543m(13010324)	0.17061m(13010324)		

0.18920m(13010324) 0.21263m(13010324)
3747302.8 | 0.12708m(13010324) 0.13709m(13010324) 0.14881m(13010324)
0.16276m(13010324) 0.17975m(13010324)
3747252.8 | 0.11437m(13010324) 0.12250m(13010324) 0.13184m(13010324)
0.14276m(13010324) 0.15572m(13010324)
3747202.8 | 0.10381m(13010324) 0.11055m(13010324) 0.11819m(13010324)
0.12698m(13010324) 0.13721m(13010324)
3747152.8 | 0.09488m(13010324) 0.10055m(13010324) 0.10691m(13010324)
0.11413m(13010324) 0.12242m(13010324)
3747102.8 | 0.08719m(13010324) 0.09202m(13010324) 0.09740m(13010324)
0.10343m(13010324) 0.11026m(13010324)
3747052.8 | 0.08050m(13010324) 0.08465m(13010324) 0.08924m(13010324)
0.09434m(13010324) 0.10005m(13010324)
3747002.8 | 0.07461m(13010324) 0.07821m(13010324) 0.08215m(13010324)
0.08650m(13010324) 0.09133m(13010324)
3746952.8 | 0.06938m(13010324) 0.07252m(13010324) 0.07593m(13010324)
0.07967m(13010324) 0.08378m(13010324)
3746902.8 | 0.06469m(13010324) 0.06744m(13010324) 0.07042m(13010324)
0.07364m(13010324) 0.07716m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
407793.32 407843.32 407893.32 407943.32 407993.32
- - - -

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 408043.32	408093.32	408143.32	408193.32	408243.32
3748852.8	0.03734m(13010324)	0.03632m(13010324)	0.03533m(13010324)	0.03438m(13010324)	0.03345m(13010324)
3748802.8	0.03920m(13010324)	0.03809m(13010324)	0.03702m(13010324)	0.03598m(13010324)	0.03497m(13010324)
3748752.8	0.04121m(13010324)	0.03999m(13010324)	0.03882m(13010324)	0.03769m(13010324)	0.03660m(13010324)
3748702.8	0.04337m(13010324)	0.04204m(13010324)	0.04076m(13010324)	0.03953m(13010324)	0.03834m(13010324)
3748652.8	0.04570m(13010324)	0.04424m(13010324)	0.04284m(13010324)	0.04150m(13010324)	0.04020m(13010324)
3748602.8	0.04823m(13010324)	0.04663m(13010324)	0.04509m(13010324)	0.04362m(13010324)	0.04221m(13010324)
3748552.8	0.05098m(13010324)	0.04921m(13010324)	0.04752m(13010324)	0.04591m(13010324)	0.04437m(13010324)
3748502.8	0.05398m(13010324)	0.05202m(13010324)	0.05016m(13010324)	0.04839m(13010324)	0.04670m(13010324)
3748452.8	0.05726m(13010324)	0.05509m(13010324)	0.05304m(13010324)	0.05109m(13010324)	0.04923m(13010324)
3748402.8	0.06087m(13010324)	0.05846m(13010324)	0.05618m(13010324)	0.05403m(13010324)	0.05198m(13010324)
3748352.8	0.06487m(13010324)	0.06217m(13010324)	0.05964m(13010324)	0.05725m(13010324)	0.05499m(13010324)
3748302.8	0.06931m(13010324)	0.06629m(13010324)	0.06345m(13010324)	0.06079m(13010324)	0.05828m(13010324)
3748252.8	0.07429m(13010324)	0.07087m(13010324)	0.06769m(13010324)	0.06471m(13010324)	0.06192m(13010324)
3748202.8	0.07991m(13010324)	0.07603m(13010324)	0.07243m(13010324)	0.06908m(13010324)	0.06594m(13010324)
3748152.8	0.08632m(13010324)	0.08186m(13010324)	0.07776m(13010324)	0.07397m(13010324)	0.07044m(13010324)
3748102.8	0.09369m(13010324)	0.08854m(13010324)	0.08382m(13010324)	0.07949m(13010324)	0.07548m(13010324)
3748052.8	0.10228m(13010324)	0.09625m(13010324)	0.09077m(13010324)	0.08578m(13010324)	0.08120m(13010324)
3748002.8	0.11245m(13010324)	0.10528m(13010324)	0.09884m(13010324)	0.09303m(13010324)	0.08774m(13010324)
3747952.8	0.12469m(13010324)	0.11602m(13010324)	0.10834m(13010324)	0.10148m(13010324)	0.09529m(13010324)
3747902.8	0.13978m(13010324)	0.12906m(13010324)	0.11972m(13010324)	0.11148m(13010324)	0.10414m(13010324)
3747852.8	0.15891m(13010324)	0.14527m(13010324)	0.13362m(13010324)	0.12353m(13010324)	0.11468m(13010324)
3747802.8	0.18415m(13010324)	0.16607m(13010324)	0.15108m(13010324)		

0.13838m(13010324) 0.12745m(13010324)
3747752.8 | 0.21926m(13010324) 0.19395m(13010324) 0.17378m(13010324)
0.15723m(13010324) 0.14332m(13010324)
3747702.8 | 0.27223m(13010324) 0.23366m(13010324) 0.20475m(13010324)
0.18207m(13010324) 0.16367m(13010324)
3747652.8 | 0.36363m(13010324) 0.29582m(13010324) 0.25006m(13010324)
0.21662m(13010324) 0.19087m(13010324)
3747602.8 | 0.42487m(13010324) 0.41057m(13010324) 0.32416m(13010324)
0.26868m(13010324) 0.22944m(13010324)
3747552.8 | 0.37218m(13010324) 0.32396m(13010324) 0.47297m(13010324)
0.35819m(13010324) 0.28921m(13010324)
3747502.8 | 0.33326m(13010324) 0.37952m(13010324) 0.35356m(13010324)
0.55604m(13010324) 0.39684m(13010324)
3747452.8 | 0.43870m(13010324) 0.31631m(13010324) 0.34768m(13010324)
0.37739m(13010324) 0.44653m(13010324)
3747402.8 | 0.31042m(13010324) 0.38643m(13010324) 0.52472m(13010324)
0.33551m(13010324) 0.35270m(13010324)
3747352.8 | 0.24333m(13010324) 0.28586m(13010324) 0.35008m(13010324)
0.46204m(13010324) 0.45722m(13010324)
3747302.8 | 0.20104m(13010324) 0.22874m(13010324) 0.26675m(13010324)
0.32295m(13010324) 0.41574m(13010324)
3747252.8 | 0.17146m(13010324) 0.19110m(13010324) 0.21651m(13010324)
0.25093m(13010324) 0.30054m(13010324)
3747202.8 | 0.14936m(13010324) 0.16407m(13010324) 0.18235m(13010324)
0.20580m(13010324) 0.23714m(13010324)
3747152.8 | 0.13208m(13010324) 0.14351m(13010324) 0.15731m(13010324)
0.17437m(13010324) 0.19609m(13010324)
3747102.8 | 0.11811m(13010324) 0.12722m(13010324) 0.13799m(13010324)
0.15094m(13010324) 0.16687m(13010324)
3747052.8 | 0.10653m(13010324) 0.11394m(13010324) 0.12254m(13010324)
0.13266m(13010324) 0.14478m(13010324)
3747002.8 | 0.09674m(13010324) 0.10285m(13010324) 0.10983m(13010324)
0.11790m(13010324) 0.12736m(13010324)
3746952.8 | 0.08833m(13010324) 0.09343m(13010324) 0.09917m(13010324)
0.10570m(13010324) 0.11320m(13010324)
3746902.8 | 0.08103m(13010324) 0.08531m(13010324) 0.09007m(13010324)
0.09541m(13010324) 0.10145m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408043.32	408093.32	408143.32	408193.32	408243.32

- - - -

3746852.8 | 0.07462m(13010324) 0.07824m(13010324) 0.08221m(13010324)
0.08661m(13010324) 0.09152m(13010324)
3746802.8 | 0.06895m(13010324) 0.07202m(13010324) 0.07536m(13010324)
0.07901m(13010324) 0.08302m(13010324)
3746752.8 | 0.06390m(13010324) 0.06651m(13010324) 0.06933m(13010324)
0.07237m(13010324) 0.07568m(13010324)
3746702.8 | 0.05938m(13010324) 0.06161m(13010324) 0.06399m(13010324)
0.06654m(13010324) 0.06927m(13010324)
3746652.8 | 0.05531m(13010324) 0.05722m(13010324) 0.05924m(13010324)
0.06138m(13010324) 0.06365m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 408293.32 408343.32 408393.32
408443.32 408493.32
- - - -

0.05223m(13010324) 0.05012m(13010324)
3748202.8 | 0.06301m(13010324) 0.06025m(13010324) 0.05765m(13010324)
0.05520m(13010324) 0.05288m(13010324)
3748152.8 | 0.06715m(13010324) 0.06407m(13010324) 0.06118m(13010324)
0.05846m(13010324) 0.05589m(13010324)
3748102.8 | 0.07177m(13010324) 0.06831m(13010324) 0.06508m(13010324)
0.06205m(13010324) 0.05921m(13010324)
3748052.8 | 0.07698m(13010324) 0.07307m(13010324) 0.06943m(13010324)
0.06604m(13010324) 0.06287m(13010324)
3748002.8 | 0.08289m(13010324) 0.07844m(13010324) 0.07432m(13010324)
0.07050m(13010324) 0.06695m(13010324)
3747952.8 | 0.08968m(13010324) 0.08456m(13010324) 0.07985m(13010324)
0.07552m(13010324) 0.07151m(13010324)
3747902.8 | 0.09756m(13010324) 0.09160m(13010324) 0.08617m(13010324)
0.08121m(13010324) 0.07665m(13010324)
3747852.8 | 0.10682m(13010324) 0.09980m(13010324) 0.09347m(13010324)
0.08773m(13010324) 0.08249m(13010324)
3747802.8 | 0.11791m(13010324) 0.10949m(13010324) 0.10199m(13010324)
0.09527m(13010324) 0.08920m(13010324)
3747752.8 | 0.13144m(13010324) 0.12113m(13010324) 0.11211m(13010324)
0.10412m(13010324) 0.09699m(13010324)
3747702.8 | 0.14838m(13010324) 0.13544m(13010324) 0.12432m(13010324)
0.11465m(13010324) 0.10615m(13010324)
3747652.8 | 0.17032m(13010324) 0.15348m(13010324) 0.13939m(13010324)
0.12742m(13010324) 0.11709m(13010324)
3747602.8 | 0.20000m(13010324) 0.17703m(13010324) 0.15853m(13010324)
0.14326m(13010324) 0.13041m(13010324)
3747552.8 | 0.24280m(13010324) 0.20925m(13010324) 0.18371m(13010324)
0.16350m(13010324) 0.14703m(13010324)
3747502.8 | 0.31075m(13010324) 0.25647m(13010324) 0.21860m(13010324)
0.19040m(13010324) 0.16842m(13010324)
3747452.8 | 0.43864m(13010324) 0.33368m(13010324) 0.27078m(13010324)
0.22820m(13010324) 0.19713m(13010324)
3747402.8 | 0.47090m(13010324) 0.48903m(13010324) 0.35938m(13010324)
0.28603m(13010324) 0.23808m(13010324)
3747352.8 | 0.34602m(13010324) 0.34165m(13010324) 0.39828m(13010324)
0.38813m(13010324) 0.30213m(13010324)
3747302.8 | 0.42126m(13010324) 0.35757m(13010324) 0.34009m(13010324)
0.43446m(13010324) 0.41981m(13010324)
3747252.8 | 0.37912m(13010324) 0.52579m(13010324) 0.49289m(13010324)
0.35708m(13010324) 0.31727m(13010324)
3747202.8 | 0.28147m(13010324) 0.34989m(13010324) 0.47215m(13010324)
0.32305m(13010324) 0.38294m(13010324)
3747152.8 | 0.22482m(13010324) 0.26493m(13010324) 0.32550m(13010324)
0.42940m(13010324) 0.30842m(13010324)
3747102.8 | 0.18701m(13010324) 0.21341m(13010324) 0.24974m(13010324)
0.30330m(13010324) 0.39130m(13010324)
3747052.8 | 0.15959m(13010324) 0.17817m(13010324) 0.20222m(13010324)
0.23469m(13010324) 0.28104m(13010324)
3747002.8 | 0.13861m(13010324) 0.15224m(13010324) 0.16913m(13010324)
0.19058m(13010324) 0.21868m(13010324)
3746952.8 | 0.12194m(13010324) 0.13223m(13010324) 0.14455m(13010324)
0.15952m(13010324) 0.17804m(13010324)
3746902.8 | 0.10834m(13010324) 0.11627m(13010324) 0.12550m(13010324)
0.13635m(13010324) 0.14924m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,

Y-COORD (METERS)	X-COORD (METERS)				
	408293.32	408343.32	408393.32	408443.32	408493.32
3746852.8	0.09702m(13010324)	0.10323m(13010324)	0.11029m(13010324)	0.11836m(13010324)	0.12765m(13010324)
3746802.8	0.08746m(13010324)	0.09237m(13010324)	0.09784m(13010324)	0.10396m(13010324)	0.11082m(13010324)
3746752.8	0.07927m(13010324)	0.08320m(13010324)	0.08748m(13010324)	0.09218m(13010324)	0.09733m(13010324)
3746702.8	0.07221m(13010324)	0.07536m(13010324)	0.07874m(13010324)	0.08238m(13010324)	0.08628m(13010324)
3746652.8	0.06605m(13010324)	0.06859m(13010324)	0.07128m(13010324)	0.07412m(13010324)	0.07710m(13010324)

Y-COORD (METERS)	X-COORD (METERS)				
	408543.32	408593.32	408643.32	408693.32	408743.32
3748852.8	0.02841m(13010324)	0.02765m(13010324)	0.02691m(13010324)	0.02619m(13010324)	0.02549m(13010324)
3748802.8	0.02954m(13010324)	0.02873m(13010324)	0.02793m(13010324)	0.02716m(13010324)	0.02641m(13010324)
3748752.8	0.03074m(13010324)	0.02986m(13010324)	0.02901m(13010324)	0.02819m(13010324)	0.02739m(13010324)
3748702.8	0.03201m(13010324)	0.03107m(13010324)	0.03016m(13010324)		

0.02927m(13010324) 0.02842m(13010324)
3748652.8 | 0.03335m(13010324) 0.03234m(13010324) 0.03137m(13010324)
0.03042m(13010324) 0.02950m(13010324)
3748602.8 | 0.03479m(13010324) 0.03370m(13010324) 0.03265m(13010324)
0.03163m(13010324) 0.03065m(13010324)
3748552.8 | 0.03631m(13010324) 0.03514m(13010324) 0.03401m(13010324)
0.03292m(13010324) 0.03186m(13010324)
3748502.8 | 0.03795m(13010324) 0.03668m(13010324) 0.03546m(13010324)
0.03428m(13010324) 0.03315m(13010324)
3748452.8 | 0.03969m(13010324) 0.03832m(13010324) 0.03701m(13010324)
0.03574m(13010324) 0.03452m(13010324)
3748402.8 | 0.04157m(13010324) 0.04008m(13010324) 0.03866m(13010324)
0.03729m(13010324) 0.03598m(13010324)
3748352.8 | 0.04358m(13010324) 0.04197m(13010324) 0.04043m(13010324)
0.03895m(13010324) 0.03753m(13010324)
3748302.8 | 0.04576m(13010324) 0.04401m(13010324) 0.04233m(13010324)
0.04073m(13010324) 0.03920m(13010324)
3748252.8 | 0.04811m(13010324) 0.04620m(13010324) 0.04438m(13010324)
0.04264m(13010324) 0.04098m(13010324)
3748202.8 | 0.05067m(13010324) 0.04858m(13010324) 0.04660m(13010324)
0.04470m(13010324) 0.04290m(13010324)
3748152.8 | 0.05347m(13010324) 0.05117m(13010324) 0.04900m(13010324)
0.04693m(13010324) 0.04497m(13010324)
3748102.8 | 0.05653m(13010324) 0.05400m(13010324) 0.05161m(13010324)
0.04935m(13010324) 0.04720m(13010324)
3748052.8 | 0.05990m(13010324) 0.05710m(13010324) 0.05447m(13010324)
0.05198m(13010324) 0.04963m(13010324)
3748002.8 | 0.06363m(13010324) 0.06052m(13010324) 0.05761m(13010324)
0.05486m(13010324) 0.05228m(13010324)
3747952.8 | 0.06778m(13010324) 0.06431m(13010324) 0.06107m(13010324)
0.05803m(13010324) 0.05518m(13010324)
3747902.8 | 0.07244m(13010324) 0.06854m(13010324) 0.06491m(13010324)
0.06153m(13010324) 0.05837m(13010324)
3747852.8 | 0.07770m(13010324) 0.07328m(13010324) 0.06920m(13010324)
0.06542m(13010324) 0.06190m(13010324)
3747802.8 | 0.08369m(13010324) 0.07865m(13010324) 0.07403m(13010324)
0.06977m(13010324) 0.06583m(13010324)
3747752.8 | 0.09058m(13010324) 0.08478m(13010324) 0.07950m(13010324)
0.07467m(13010324) 0.07023m(13010324)
3747702.8 | 0.09860m(13010324) 0.09185m(13010324) 0.08577m(13010324)
0.08024m(13010324) 0.07520m(13010324)
3747652.8 | 0.10807m(13010324) 0.10010m(13010324) 0.09301m(13010324)
0.08664m(13010324) 0.08087m(13010324)
3747602.8 | 0.11941m(13010324) 0.10987m(13010324) 0.10149m(13010324)
0.09405m(13010324) 0.08739m(13010324)
3747552.8 | 0.13330m(13010324) 0.12164m(13010324) 0.11158m(13010324)
0.10278m(13010324) 0.09499m(13010324)
3747502.8 | 0.15072m(13010324) 0.13611m(13010324) 0.12378m(13010324)
0.11321m(13010324) 0.10399m(13010324)
3747452.8 | 0.17332m(13010324) 0.15439m(13010324) 0.13890m(13010324)
0.12592m(13010324) 0.11481m(13010324)
3747402.8 | 0.20398m(13010324) 0.17831m(13010324) 0.15816m(13010324)
0.14180m(13010324) 0.12814m(13010324)
3747352.8 | 0.24836m(13010324) 0.21117m(13010324) 0.18367m(13010324)
0.16229m(13010324) 0.14501m(13010324)
3747302.8 | 0.31948m(13010324) 0.25961m(13010324) 0.21930m(13010324)
0.18994m(13010324) 0.16721m(13010324)
3747252.8 | 0.45659m(13010324) 0.33961m(13010324) 0.27326m(13010324)
0.22966m(13010324) 0.19800m(13010324)
3747202.8 | 0.33242m(13010324) 0.50256m(13010324) 0.36679m(13010324)
0.29278m(13010324) 0.24426m(13010324)
3747152.8 | 0.34247m(13010324) 0.50449m(13010324) 0.41832m(13010324)
0.41344m(13010324) 0.32347m(13010324)
3747102.8 | 0.39914m(13010324) 0.32335m(13010324) 0.34331m(13010324)
0.45492m(13010324) 0.49785m(13010324)
3747052.8 | 0.35254m(13010324) 0.47668m(13010324) 0.31143m(13010324)

0.32642m(13010324) 0.33021m(13010324)
3747002.8 | 0.25681m(13010324) 0.31077m(13010324) 0.39240m(13010324)
0.38129m(13010324) 0.31487m(13010324)
3746952.8 | 0.20138m(13010324) 0.23148m(13010324) 0.27176m(13010324)
0.32937m(13010324) 0.42153m(13010324)
3746902.8 | 0.16472m(13010324) 0.18360m(13010324) 0.20719m(13010324)
0.23779m(13010324) 0.27983m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
408543.32 408593.32 408643.32 408693.32 408743.32
- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	408793.32	408843.32	408893.32	408943.32	408993.32
3748852.8	0.02480m(13010324)	0.02414m(13010324)	0.02349m(13010324)	0.02286m(13010324)	0.02225m(13010324)
3748802.8	0.02568m(13010324)	0.02498m(13010324)	0.02429m(13010324)	0.02362m(13010324)	0.02297m(13010324)
3748752.8	0.02661m(13010324)	0.02586m(13010324)	0.02512m(13010324)	0.02441m(13010324)	0.02372m(13010324)
3748702.8	0.02759m(13010324)	0.02678m(13010324)	0.02600m(13010324)	0.02524m(13010324)	0.02450m(13010324)
3748652.8	0.02861m(13010324)	0.02775m(13010324)	0.02692m(13010324)	0.02611m(13010324)	0.02533m(13010324)
3748602.8	0.02970m(13010324)	0.02878m(13010324)	0.02789m(13010324)	0.02703m(13010324)	0.02619m(13010324)
3748552.8	0.03085m(13010324)	0.02986m(13010324)	0.02891m(13010324)	0.02799m(13010324)	0.02710m(13010324)
3748502.8	0.03206m(13010324)	0.03101m(13010324)	0.02999m(13010324)	0.02901m(13010324)	0.02806m(13010324)
3748452.8	0.03335m(13010324)	0.03222m(13010324)	0.03113m(13010324)	0.03008m(13010324)	0.02907m(13010324)
3748402.8	0.03472m(13010324)	0.03350m(13010324)	0.03233m(13010324)	0.03121m(13010324)	0.03013m(13010324)
3748352.8	0.03617m(13010324)	0.03487m(13010324)	0.03361m(13010324)	0.03241m(13010324)	0.03125m(13010324)
3748302.8	0.03773m(13010324)	0.03632m(13010324)	0.03497m(13010324)	0.03368m(13010324)	0.03244m(13010324)
3748252.8	0.03939m(13010324)	0.03787m(13010324)	0.03642m(13010324)	0.03503m(13010324)	0.03369m(13010324)
3748202.8	0.04118m(13010324)	0.03953m(13010324)	0.03796m(13010324)	0.03646m(13010324)	0.03503m(13010324)
3748152.8	0.04310m(13010324)	0.04131m(13010324)	0.03962m(13010324)	0.03800m(13010324)	0.03645m(13010324)
3748102.8	0.04517m(13010324)	0.04323m(13010324)	0.04139m(13010324)	0.03964m(13010324)	0.03797m(13010324)
3748052.8	0.04741m(13010324)	0.04530m(13010324)	0.04330m(13010324)	0.04139m(13010324)	0.03959m(13010324)
3748002.8	0.04984m(13010324)	0.04754m(13010324)	0.04536m(13010324)	0.04329m(13010324)	0.04133m(13010324)
3747952.8	0.05250m(13010324)	0.04997m(13010324)	0.04759m(13010324)	0.04533m(13010324)	0.04320m(13010324)
3747902.8	0.05541m(13010324)	0.05263m(13010324)	0.05001m(13010324)	0.04755m(13010324)	0.04522m(13010324)
3747852.8	0.05862m(13010324)	0.05554m(13010324)	0.05266m(13010324)	0.04996m(13010324)	0.04741m(13010324)
3747802.8	0.06217m(13010324)	0.05876m(13010324)	0.05557m(13010324)	0.05259m(13010324)	0.04979m(13010324)
3747752.8	0.06613m(13010324)	0.06233m(13010324)	0.05879m(13010324)	0.05549m(13010324)	0.05240m(13010324)
3747702.8	0.07058m(13010324)	0.06631m(13010324)	0.06236m(13010324)	0.05869m(13010324)	0.05527m(13010324)
3747652.8	0.07561m(13010324)	0.07080m(13010324)	0.06636m(13010324)	0.06226m(13010324)	0.05845m(13010324)
3747602.8	0.08137m(13010324)	0.07589m(13010324)	0.07088m(13010324)	0.06626m(13010324)	0.06200m(13010324)
3747552.8	0.08803m(13010324)	0.08175m(13010324)	0.07603m(13010324)	0.07080m(13010324)	0.06599m(13010324)
3747502.8	0.09584m(13010324)	0.08855m(13010324)	0.08198m(13010324)		

0.07600m(13010324) 0.07053m(13010324)
3747452.8 | 0.10514m(13010324) 0.09659m(13010324) 0.08894m(13010324)
0.08203m(13010324) 0.07575m(13010324)
3747402.8 | 0.11645m(13010324) 0.10626m(13010324) 0.09724m(13010324)
0.08915m(13010324) 0.08184m(13010324)
3747352.8 | 0.13057m(13010324) 0.11818m(13010324) 0.10734m(13010324)
0.09772m(13010324) 0.08909m(13010324)
3747302.8 | 0.14878m(13010324) 0.13330m(13010324) 0.11997m(13010324)
0.10827m(13010324) 0.09789m(13010324)
3747252.8 | 0.17337m(13010324) 0.15327m(13010324) 0.13631m(13010324)
0.12168m(13010324) 0.10886m(13010324)
3747202.8 | 0.20876m(13010324) 0.18104m(13010324) 0.15842m(13010324)
0.13939m(13010324) 0.12302m(13010324)
3747152.8 | 0.26488m(13010324) 0.22268m(13010324) 0.19020m(13010324)
0.16399m(13010324) 0.14211m(13010324)
3747102.8 | 0.36946m(13010324) 0.29270m(13010324) 0.24004m(13010324)
0.20069m(13010324) 0.16946m(13010324)
3747052.8 | 0.41639m(13010324) 0.43796m(13010324) 0.33016m(13010324)
0.26169m(13010324) 0.21234m(13010324)
3747002.8 | 0.31862m(13010324) 0.31140m(13010324) 0.37558m(13010324)
0.38438m(13010324) 0.29033m(13010324)
3746952.8 | 0.39728m(13010324) 0.30795m(13010324) 0.30032m(13010324)
0.28062m(13010324) 0.32928m(13010324)
3746902.8 | 0.34243m(13010324) 0.44826m(13010324) 0.39830m(13010324)
0.28040m(13010324) 0.25353m(13010324)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 21:52:25

PAGE 64
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408793.32	408843.32	408893.32	408943.32	408993.32
3746852.8	0.23762m(13010324)	0.27934m(13010324)	0.34059m(13010324)	0.43905m(13010324)	0.35300m(13010324)
3746802.8	0.17895m(13010324)	0.19884m(13010324)	0.22326m(13010324)	0.25335m(13010324)	0.28992m(13010324)
3746752.8	0.14133m(13010324)	0.15147m(13010324)	0.16212m(13010324)	0.17232m(13010324)	0.17939m(13010324)
3746702.8	0.11536m(13010324)	0.12061m(13010324)	0.12525m(13010324)	0.12838m(13010324)	0.12845m(13010324)
3746652.8	0.09657m(13010324)	0.09925m(13010324)	0.10112m(13010324)	0.10163m(13010324)	0.10007m(13010324)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 409043.32	409093.32	409143.32	409193.32	409243.32
3748852.8	0.02165m(13010324)	0.02107m(13010324)	0.02050m(13010324)	0.01995m(13010324)	0.01942m(13010324)
3748802.8	0.02233m(13010324)	0.02172m(13010324)	0.02112m(13010324)	0.02054m(13010324)	0.01997m(13010324)
3748752.8	0.02304m(13010324)	0.02239m(13010324)	0.02176m(13010324)	0.02114m(13010324)	0.02055m(13010324)
3748702.8	0.02379m(13010324)	0.02310m(13010324)	0.02243m(13010324)	0.02178m(13010324)	0.02114m(13010324)
3748652.8	0.02457m(13010324)	0.02384m(13010324)	0.02312m(13010324)	0.02243m(13010324)	0.02177m(13010324)
3748602.8	0.02539m(13010324)	0.02461m(13010324)	0.02385m(13010324)	0.02312m(13010324)	0.02241m(13010324)
3748552.8	0.02624m(13010324)	0.02541m(13010324)	0.02461m(13010324)	0.02384m(13010324)	0.02309m(13010324)
3748502.8	0.02714m(13010324)	0.02626m(13010324)	0.02541m(13010324)	0.02459m(13010324)	0.02379m(13010324)
3748452.8	0.02809m(13010324)	0.02715m(13010324)	0.02624m(13010324)	0.02537m(13010324)	0.02453m(13010324)
3748402.8	0.02909m(13010324)	0.02808m(13010324)	0.02712m(13010324)	0.02619m(13010324)	0.02529m(13010324)
3748352.8	0.03014m(13010324)	0.02906m(13010324)	0.02804m(13010324)	0.02705m(13010324)	0.02610m(13010324)
3748302.8	0.03124m(13010324)	0.03010m(13010324)	0.02900m(13010324)	0.02795m(13010324)	0.02693m(13010324)
3748252.8	0.03241m(13010324)	0.03119m(13010324)	0.03002m(13010324)	0.02889m(13010324)	0.02781m(13010324)
3748202.8	0.03366m(13010324)	0.03234m(13010324)	0.03109m(13010324)	0.02988m(13010324)	0.02873m(13010324)
3748152.8	0.03497m(13010324)	0.03356m(13010324)	0.03222m(13010324)	0.03093m(13010324)	0.02970m(13010324)
3748102.8	0.03637m(13010324)	0.03486m(13010324)	0.03341m(13010324)	0.03203m(13010324)	0.03072m(13010324)
3748052.8	0.03787m(13010324)	0.03623m(13010324)	0.03468m(13010324)	0.03320m(13010324)	0.03179m(13010324)
3748002.8	0.03947m(13010324)	0.03770m(13010324)	0.03602m(13010324)	0.03443m(13010324)	0.03292m(13010324)
3747952.8	0.04118m(13010324)	0.03927m(13010324)	0.03745m(13010324)		

0.03574m(13010324) 0.03411m(13010324)
3747902.8 | 0.04302m(13010324) 0.04095m(13010324) 0.03898m(13010324)
0.03713m(13010324) 0.03537m(13010324)
3747852.8 | 0.04501m(13010324) 0.04275m(13010324) 0.04062m(13010324)
0.03861m(13010324) 0.03671m(13010324)
3747802.8 | 0.04717m(13010324) 0.04470m(13010324) 0.04238m(13010324)
0.04019m(13010324) 0.03814m(13010324)
3747752.8 | 0.04952m(13010324) 0.04681m(13010324) 0.04427m(13010324)
0.04189m(13010324) 0.03966m(13010324)
3747702.8 | 0.05209m(13010324) 0.04911m(13010324) 0.04632m(13010324)
0.04372m(13010324) 0.04128m(13010324)
3747652.8 | 0.05491m(13010324) 0.05162m(13010324) 0.04855m(13010324)
0.04569m(13010324) 0.04303m(13010324)
3747602.8 | 0.05805m(13010324) 0.05439m(13010324) 0.05099m(13010324)
0.04783m(13010324) 0.04490m(13010324)
3747552.8 | 0.06155m(13010324) 0.05745m(13010324) 0.05367m(13010324)
0.05016m(13010324) 0.04693m(13010324)
3747502.8 | 0.06550m(13010324) 0.06088m(13010324) 0.05663m(13010324)
0.05272m(13010324) 0.04912m(13010324)
3747452.8 | 0.07001m(13010324) 0.06475m(13010324) 0.05994m(13010324)
0.05554m(13010324) 0.05151m(13010324)
3747402.8 | 0.07521m(13010324) 0.06917m(13010324) 0.06367m(13010324)
0.05867m(13010324) 0.05413m(13010324)
3747352.8 | 0.08131m(13010324) 0.07427m(13010324) 0.06791m(13010324)
0.06217m(13010324) 0.05701m(13010324)
3747302.8 | 0.08860m(13010324) 0.08027m(13010324) 0.07280m(13010324)
0.06613m(13010324) 0.06019m(13010324)
3747252.8 | 0.09752m(13010324) 0.08745m(13010324) 0.07852m(13010324)
0.07063m(13010324) 0.06371m(13010324)
3747202.8 | 0.10875m(13010324) 0.09625m(13010324) 0.08532m(13010324)
0.07582m(13010324) 0.06762m(13010324)
3747152.8 | 0.12344m(13010324) 0.10737m(13010324) 0.09358m(13010324)
0.08185m(13010324) 0.07197m(13010324)
3747102.8 | 0.14367m(13010324) 0.12200m(13010324) 0.10386m(13010324)
0.08891m(13010324) 0.07676m(13010324)
3747052.8 | 0.17370m(13010324) 0.14235m(13010324) 0.11707m(13010324)
0.09722m(13010324) 0.08192m(13010324)
3747002.8 | 0.22395m(13010324) 0.17314m(13010324) 0.13464m(13010324)
0.10682m(13010324) 0.08715m(13010324)
3746952.8 | 0.32836m(13010324) 0.22669m(13010324) 0.15866m(13010324)
0.11711m(13010324) 0.09173m(13010324)
3746902.8 | 0.20032m(13010324) 0.20085m(13010324) 0.18898m(13010324)
0.12527m(13010324) 0.09421m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

```
 Y-COORD  |                                                    X-COORD (METERS)
 (METERS) |       409043.32              409093.32              409143.32
 409193.32              409243.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

3746852.8 |      0.16179m(13010324)      0.18478m(13010324)      0.20028m(13010324)
0.12495m(13010324)      0.09285m(13010324)
3746802.8 |      0.32536m(13010324)      0.26339m(13010324)      0.16260m(13010324)
0.11328m(13010324)      0.08725m(13010324)
3746752.8 |      0.17654m(13010324)      0.15466m(13010324)      0.12297m(13010324)
0.09715m(13010324)      0.07916m(13010324)
3746702.8 |      0.12335m(13010324)      0.11204m(13010324)      0.09713m(13010324)
0.08270m(13010324)      0.07071m(13010324)
3746652.8 |      0.09582m(13010324)      0.08886m(13010324)      0.08019m(13010324)
0.07125m(13010324)      0.06306m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:52:25

                     PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                    ** CONC OF PM_2.5   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       0.56192m ON 13010324: AT (  407443.32,  3748002.85,
0.00,     0.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       21:52:25

                     PAGE  68
 *** 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        2285 Informational Message(s)

 A Total of       43848 Hours Were Processed

 A Total of        1588 Calm Hours Identified
```

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS I-5 DPM\14635 OPS
I-5 DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 OPS I-5 DPM.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 56.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.005381
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 406457.700, 3748725.328, 0.00, 3.49, 26.05
** 406540.691, 3748646.053, 0.00, 3.49, 26.05
** 406657.126, 3748523.425, 0.00, 3.49, 26.05
** 406792.140, 3748382.217, 0.00, 3.49, 26.05
** 406882.563, 3748315.329, 0.00, 3.49, 26.05
** 407205.856, 3748097.323, 0.00, 3.49, 26.05
** 407759.648, 3747730.789, 0.00, 3.49, 26.05
** 408168.639, 3747456.936, 0.00, 3.49, 26.05
** 408379.847, 3747296.740, 0.00, 3.49, 26.05
** 408561.521, 3747151.759, 0.00, 3.49, 26.05
** 408608.058, 3747115.066, 0.00, 3.49, 26.05
** 408910.550, 3746935.181, 0.00, 3.49, 26.05
** 409113.703, 3746832.263, 0.00, 3.49, 26.05
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   406477.947 3748705.987 0.0
   LOCATION L0000002     VOLUME   406518.441 3748667.306 0.0
   LOCATION L0000003     VOLUME   406558.064 3748627.756 0.0
   LOCATION L0000004     VOLUME   406596.623 3748587.146 0.0
```

```
   LOCATION L0000005     VOLUME   406635.182 3748546.536 0.0
   LOCATION L0000006     VOLUME   406673.802 3748505.983 0.0
   LOCATION L0000007     VOLUME   406712.502 3748465.508 0.0
   LOCATION L0000008     VOLUME   406751.203 3748425.032 0.0
   LOCATION L0000009     VOLUME   406789.903 3748384.557 0.0
   LOCATION L0000010     VOLUME   406834.559 3748350.839 0.0
   LOCATION L0000011     VOLUME   406879.580 3748317.535 0.0
   LOCATION L0000012     VOLUME   406925.917 3748286.094 0.0
   LOCATION L0000013     VOLUME   406972.347 3748254.785 0.0
   LOCATION L0000014     VOLUME   407018.777 3748223.476 0.0
   LOCATION L0000015     VOLUME   407065.206 3748192.167 0.0
   LOCATION L0000016     VOLUME   407111.636 3748160.858 0.0
   LOCATION L0000017     VOLUME   407158.066 3748129.549 0.0
   LOCATION L0000018     VOLUME   407204.496 3748098.240 0.0
   LOCATION L0000019     VOLUME   407251.187 3748067.320 0.0
   LOCATION L0000020     VOLUME   407297.885 3748036.413 0.0
   LOCATION L0000021     VOLUME   407344.583 3748005.505 0.0
   LOCATION L0000022     VOLUME   407391.281 3747974.597 0.0
   LOCATION L0000023     VOLUME   407437.979 3747943.690 0.0
   LOCATION L0000024     VOLUME   407484.677 3747912.782 0.0
   LOCATION L0000025     VOLUME   407531.375 3747881.874 0.0
   LOCATION L0000026     VOLUME   407578.074 3747850.967 0.0
   LOCATION L0000027     VOLUME   407624.772 3747820.059 0.0
   LOCATION L0000028     VOLUME   407671.470 3747789.151 0.0
   LOCATION L0000029     VOLUME   407718.168 3747758.244 0.0
   LOCATION L0000030     VOLUME   407764.848 3747727.308 0.0
   LOCATION L0000031     VOLUME   407811.380 3747696.151 0.0
   LOCATION L0000032     VOLUME   407857.912 3747664.994 0.0
   LOCATION L0000033     VOLUME   407904.444 3747633.837 0.0
   LOCATION L0000034     VOLUME   407950.976 3747602.679 0.0
   LOCATION L0000035     VOLUME   407997.508 3747571.522 0.0
   LOCATION L0000036     VOLUME   408044.040 3747540.365 0.0
   LOCATION L0000037     VOLUME   408090.572 3747509.208 0.0
   LOCATION L0000038     VOLUME   408137.104 3747478.051 0.0
   LOCATION L0000039     VOLUME   408183.019 3747446.029 0.0
   LOCATION L0000040     VOLUME   408227.637 3747412.187 0.0
   LOCATION L0000041     VOLUME   408272.255 3747378.346 0.0
   LOCATION L0000042     VOLUME   408316.873 3747344.504 0.0
   LOCATION L0000043     VOLUME   408361.491 3747310.663 0.0
   LOCATION L0000044     VOLUME   408405.610 3747276.180 0.0
   LOCATION L0000045     VOLUME   408449.381 3747241.250 0.0
   LOCATION L0000046     VOLUME   408493.151 3747206.320 0.0
   LOCATION L0000047     VOLUME   408536.922 3747171.389 0.0
   LOCATION L0000048     VOLUME   408580.782 3747136.572 0.0
   LOCATION L0000049     VOLUME   408626.336 3747104.196 0.0
   LOCATION L0000050     VOLUME   408674.468 3747075.573 0.0
   LOCATION L0000051     VOLUME   408722.601 3747046.950 0.0
   LOCATION L0000052     VOLUME   408770.733 3747018.327 0.0
   LOCATION L0000053     VOLUME   408818.865 3746989.704 0.0
   LOCATION L0000054     VOLUME   408866.997 3746961.081 0.0
   LOCATION L0000055     VOLUME   408915.303 3746932.774 0.0
   LOCATION L0000056     VOLUME   408965.258 3746907.466 0.0
   LOCATION L0000057     VOLUME   409015.214 3746882.158 0.0
   LOCATION L0000058     VOLUME   409065.169 3746856.850 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000002     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000003     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000004     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000005     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000006     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000007     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000008     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000009     0.0000927759      3.49     26.05      3.25
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   SRCPARAM L0000010     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000011     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000012     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000013     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000014     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000015     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000016     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000017     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000018     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000019     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000020     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000021     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000022     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000023     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000024     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000025     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000026     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000027     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000028     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000029     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000030     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000031     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000032     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000033     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000034     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000035     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000036     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000037     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000038     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000039     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000040     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000041     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000042     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000043     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000044     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000045     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000046     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000047     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000048     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000049     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000050     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000051     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000052     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000053     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000054     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000055     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000056     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000057     0.0000927759      3.49     26.05      3.25
   SRCPARAM L0000058     0.0000927759      3.49     26.05      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD RECEPTOR PATHWAY
****************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                  XYINC 406293.32 60 50.00 3746652.85 45 50.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                  ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
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ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	20	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	21	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	22	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	23	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	24	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	25	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	26	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	27	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	28	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	29	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	30	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	31	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	32	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	33	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	34	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	35	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	36	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	37	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	38	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	39	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	40	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	41	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	42	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	43	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	44	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	45	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	1	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	3	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	30	0.00	0.00	0.00	0.00	0.00	0.00
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HILL	30	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	31	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	32	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	33	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	34	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00

HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	35	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	36	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	37	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	38	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	39	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	40	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	41	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00
HILL	42	0.00	0.00	0.00	0.00	0.00	0.00

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                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   42     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   43     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   44     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   45     0.00     0.00     0.00     0.00     0.00     0.00
   GRIDCART UCART1 END
RE FINISHED
**
****************************************
** AERMOD METEOROLOGY PATHWAY
****************************************
**
**
ME STARTING
   SURFFILE KFUL_V9_ADJU\KFUL_V9.SFC
   PROFFILE KFUL_V9_ADJU\KFUL_V9.PFL
   SURFDATA 3166 2012
   UAIRDATA 3190 2012
   PROFBASE 29.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "14635 OPS I-5 DPM.AD\AN00GALL.PLT" 31
   SUMMFILE "14635 OPS I-5 DPM.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    1107       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    1107       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       20:48:29

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    58 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:     58 Source(s);       1 Source Group(s); and    2700 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     58 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:  16216

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         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) =    29.00 ;  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:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14635 OPS I-5
 DPM.ERR
 **File for Summary of Results:   14635 OPS I-5
 DPM.SUM
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:48:29

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000001         0   0.92776E-04  406477.9 3748706.0     0.0     3.49    26.05     3.25
 YES
 L0000002         0   0.92776E-04  406518.4 3748667.3     0.0     3.49    26.05     3.25
 YES
 L0000003         0   0.92776E-04  406558.1 3748627.8     0.0     3.49    26.05     3.25
 YES
 L0000004         0   0.92776E-04  406596.6 3748587.1     0.0     3.49    26.05     3.25
 YES
 L0000005         0   0.92776E-04  406635.2 3748546.5     0.0     3.49    26.05     3.25
 YES
 L0000006         0   0.92776E-04  406673.8 3748506.0     0.0     3.49    26.05     3.25
```

YES								
L0000007	0	0.92776E-04	406712.5	3748465.5	0.0	3.49	26.05	3.25
YES								
L0000008	0	0.92776E-04	406751.2	3748425.0	0.0	3.49	26.05	3.25
YES								
L0000009	0	0.92776E-04	406789.9	3748384.6	0.0	3.49	26.05	3.25
YES								
L0000010	0	0.92776E-04	406834.6	3748350.8	0.0	3.49	26.05	3.25
YES								
L0000011	0	0.92776E-04	406879.6	3748317.5	0.0	3.49	26.05	3.25
YES								
L0000012	0	0.92776E-04	406925.9	3748286.1	0.0	3.49	26.05	3.25
YES								
L0000013	0	0.92776E-04	406972.3	3748254.8	0.0	3.49	26.05	3.25
YES								
L0000014	0	0.92776E-04	407018.8	3748223.5	0.0	3.49	26.05	3.25
YES								
L0000015	0	0.92776E-04	407065.2	3748192.2	0.0	3.49	26.05	3.25
YES								
L0000016	0	0.92776E-04	407111.6	3748160.9	0.0	3.49	26.05	3.25
YES								
L0000017	0	0.92776E-04	407158.1	3748129.5	0.0	3.49	26.05	3.25
YES								
L0000018	0	0.92776E-04	407204.5	3748098.2	0.0	3.49	26.05	3.25
YES								
L0000019	0	0.92776E-04	407251.2	3748067.3	0.0	3.49	26.05	3.25
YES								
L0000020	0	0.92776E-04	407297.9	3748036.4	0.0	3.49	26.05	3.25
YES								
L0000021	0	0.92776E-04	407344.6	3748005.5	0.0	3.49	26.05	3.25
YES								
L0000022	0	0.92776E-04	407391.3	3747974.6	0.0	3.49	26.05	3.25
YES								
L0000023	0	0.92776E-04	407438.0	3747943.7	0.0	3.49	26.05	3.25
YES								
L0000024	0	0.92776E-04	407484.7	3747912.8	0.0	3.49	26.05	3.25
YES								
L0000025	0	0.92776E-04	407531.4	3747881.9	0.0	3.49	26.05	3.25
YES								
L0000026	0	0.92776E-04	407578.1	3747851.0	0.0	3.49	26.05	3.25
YES								
L0000027	0	0.92776E-04	407624.8	3747820.1	0.0	3.49	26.05	3.25
YES								
L0000028	0	0.92776E-04	407671.5	3747789.2	0.0	3.49	26.05	3.25
YES								
L0000029	0	0.92776E-04	407718.2	3747758.2	0.0	3.49	26.05	3.25
YES								
L0000030	0	0.92776E-04	407764.8	3747727.3	0.0	3.49	26.05	3.25
YES								
L0000031	0	0.92776E-04	407811.4	3747696.2	0.0	3.49	26.05	3.25
YES								
L0000032	0	0.92776E-04	407857.9	3747665.0	0.0	3.49	26.05	3.25
YES								
L0000033	0	0.92776E-04	407904.4	3747633.8	0.0	3.49	26.05	3.25
YES								
L0000034	0	0.92776E-04	407951.0	3747602.7	0.0	3.49	26.05	3.25
YES								
L0000035	0	0.92776E-04	407997.5	3747571.5	0.0	3.49	26.05	3.25
YES								
L0000036	0	0.92776E-04	408044.0	3747540.4	0.0	3.49	26.05	3.25
YES								
L0000037	0	0.92776E-04	408090.6	3747509.2	0.0	3.49	26.05	3.25
YES								
L0000038	0	0.92776E-04	408137.1	3747478.1	0.0	3.49	26.05	3.25
YES								
L0000039	0	0.92776E-04	408183.0	3747446.0	0.0	3.49	26.05	3.25

YES
L0000040 0 0.92776E-04 408227.6 3747412.2 0.0 3.49 26.05 3.25
YES
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:48:29

PAGE 3
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	EMISSION RATE SCALAR VARY BY
L0000041	0	0.92776E-04	408272.3	3747378.3	0.0	3.49	26.05	3.25	YES
L0000042	0	0.92776E-04	408316.9	3747344.5	0.0	3.49	26.05	3.25	YES
L0000043	0	0.92776E-04	408361.5	3747310.7	0.0	3.49	26.05	3.25	YES
L0000044	0	0.92776E-04	408405.6	3747276.2	0.0	3.49	26.05	3.25	YES
L0000045	0	0.92776E-04	408449.4	3747241.2	0.0	3.49	26.05	3.25	YES
L0000046	0	0.92776E-04	408493.2	3747206.3	0.0	3.49	26.05	3.25	YES
L0000047	0	0.92776E-04	408536.9	3747171.4	0.0	3.49	26.05	3.25	YES
L0000048	0	0.92776E-04	408580.8	3747136.6	0.0	3.49	26.05	3.25	YES
L0000049	0	0.92776E-04	408626.3	3747104.2	0.0	3.49	26.05	3.25	YES
L0000050	0	0.92776E-04	408674.5	3747075.6	0.0	3.49	26.05	3.25	YES
L0000051	0	0.92776E-04	408722.6	3747046.9	0.0	3.49	26.05	3.25	YES
L0000052	0	0.92776E-04	408770.7	3747018.3	0.0	3.49	26.05	3.25	YES
L0000053	0	0.92776E-04	408818.9	3746989.7	0.0	3.49	26.05	3.25	YES
L0000054	0	0.92776E-04	408867.0	3746961.1	0.0	3.49	26.05	3.25	YES
L0000055	0	0.92776E-04	408915.3	3746932.8	0.0	3.49	26.05	3.25	YES
L0000056	0	0.92776E-04	408965.3	3746907.5	0.0	3.49	26.05	3.25	YES
L0000057	0	0.92776E-04	409015.2	3746882.2	0.0	3.49	26.05	3.25	YES
L0000058	0	0.92776E-04	409065.2	3746856.8	0.0	3.49	26.05	3.25	YES

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:48:29

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	3010232.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
		L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
		L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
		L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
		L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
		L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

406293.3, 406343.3, 406393.3, 406443.3, 406493.3, 406543.3, 406593.3, 406643.3,
406693.3, 406743.3,
406793.3, 406843.3, 406893.3, 406943.3, 406993.3, 407043.3, 407093.3, 407143.3,
407193.3, 407243.3,
407293.3, 407343.3, 407393.3, 407443.3, 407493.3, 407543.3, 407593.3, 407643.3,
407693.3, 407743.3,
407793.3, 407843.3, 407893.3, 407943.3, 407993.3, 408043.3, 408093.3, 408143.3,
408193.3, 408243.3,
408293.3, 408343.3, 408393.3, 408443.3, 408493.3, 408543.3, 408593.3, 408643.3,
408693.3, 408743.3,
408793.3, 408843.3, 408893.3, 408943.3, 408993.3, 409043.3, 409093.3, 409143.3,
409193.3, 409243.3,

*** Y-COORDINATES OF GRID ***
(METERS)

3746652.8, 3746702.8, 3746752.8, 3746802.8, 3746852.8, 3746902.8, 3746952.8, 3747002.8,
3747052.8, 3747102.8,
3747152.8, 3747202.8, 3747252.8, 3747302.8, 3747352.8, 3747402.8, 3747452.8, 3747502.8,
3747552.8, 3747602.8,
3747652.8, 3747702.8, 3747752.8, 3747802.8, 3747852.8, 3747902.8, 3747952.8, 3748002.8,
3748052.8, 3748102.8,
3748152.8, 3748202.8, 3748252.8, 3748302.8, 3748352.8, 3748402.8, 3748452.8, 3748502.8,
3748552.8, 3748602.8,
3748652.8, 3748702.8, 3748752.8, 3748802.8, 3748852.8,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32	406593.32	406643.32	406693.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00 0.00 0.00 0.00
3748702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00

0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 20:48:29

PAGE 8
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 406293.32 406343.32 406393.32 406443.32 406493.32 406543.32
406593.32 406643.32 406693.32
- - - -

0.00 0.00 0.00 0.00
3748552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	

```
  0.00         0.00         0.00         0.00
  3748402.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748352.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748302.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748252.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748202.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748152.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748102.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748052.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3748002.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747952.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747902.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747852.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747802.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747752.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747702.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747652.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747602.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747552.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747502.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747452.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747402.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747352.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747302.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747252.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747202.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747152.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747102.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747052.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3747002.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3746952.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
  3746902.85 |          0.00         0.00         0.00         0.00         0.00
  0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	

```
 0.00         0.00         0.00         0.00
 3748252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       20:48:29

                      PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
```

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3746852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	

0.00 0.00 0.00 0.00
3748102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3748002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
	408393.32	408443.32	408493.32			

- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
	408843.32	408893.32	408943.32			
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

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 3748152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3748002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:48:29

                     PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     406293.32    406343.32    406393.32    406443.32    406493.32    406543.32
```

406593.32 406643.32 406693.32

3746852.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746802.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746752.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

 3748002.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747952.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747902.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747852.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747802.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747752.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747702.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747652.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747602.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747552.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747502.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747452.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747402.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747352.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747302.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747252.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747202.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747152.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747102.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747052.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747002.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746952.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746902.85 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 406743.32   406793.32   406843.32   406893.32   406943.32   406993.32
    407043.32   407093.32   407143.32
 - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
	407493.32	407543.32	407593.32			
3748852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748602.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748552.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748502.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748452.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748402.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748352.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748302.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748252.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748202.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748152.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748102.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748052.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3748002.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747952.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747902.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

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 3747852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747602.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        20:48:29

                     PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     407193.32    407243.32    407293.32    407343.32    407393.32    407443.32
    407493.32    407543.32    407593.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
407943.32	407993.32	408043.32				
3748852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748702.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748652.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748602.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748552.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748502.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748452.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748402.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748352.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748302.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748252.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748202.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748152.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748102.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748052.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3748002.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747952.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747902.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747852.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747802.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747752.85	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3747702.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747652.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747602.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747552.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747502.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747452.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747402.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747352.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747302.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747252.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747202.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747152.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747102.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747052.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747002.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746952.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746902.85 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32
	407943.32	407993.32	408043.32			
3746852.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746802.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746752.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746702.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746652.85	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32	408393.32	408443.32	408493.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

```
 3747552.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747502.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747452.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       20:48:29

                     PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     408093.32    408143.32    408193.32    408243.32    408293.32    408343.32
    408393.32    408443.32    408493.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       20:48:29

                     PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
```

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32	408843.32	408893.32	408943.32
3748852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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 3747402.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747352.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747302.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747252.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747202.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747152.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747102.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747052.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747002.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746952.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746902.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       20:48:29

                     PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     408543.32    408593.32    408643.32    408693.32    408743.32    408793.32
    408843.32    408893.32    408943.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3746852.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746802.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746752.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746702.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746652.85 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       20:48:29

                     PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     408993.32    409043.32    409093.32    409143.32    409193.32    409243.32
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
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3748852.85	0.00	0.00	0.00	0.00	0.00	0.00
3748802.85	0.00	0.00	0.00	0.00	0.00	0.00
3748752.85	0.00	0.00	0.00	0.00	0.00	0.00
3748702.85	0.00	0.00	0.00	0.00	0.00	0.00
3748652.85	0.00	0.00	0.00	0.00	0.00	0.00
3748602.85	0.00	0.00	0.00	0.00	0.00	0.00
3748552.85	0.00	0.00	0.00	0.00	0.00	0.00
3748502.85	0.00	0.00	0.00	0.00	0.00	0.00
3748452.85	0.00	0.00	0.00	0.00	0.00	0.00
3748402.85	0.00	0.00	0.00	0.00	0.00	0.00
3748352.85	0.00	0.00	0.00	0.00	0.00	0.00
3748302.85	0.00	0.00	0.00	0.00	0.00	0.00
3748252.85	0.00	0.00	0.00	0.00	0.00	0.00
3748202.85	0.00	0.00	0.00	0.00	0.00	0.00
3748152.85	0.00	0.00	0.00	0.00	0.00	0.00
3748102.85	0.00	0.00	0.00	0.00	0.00	0.00
3748052.85	0.00	0.00	0.00	0.00	0.00	0.00
3748002.85	0.00	0.00	0.00	0.00	0.00	0.00
3747952.85	0.00	0.00	0.00	0.00	0.00	0.00
3747902.85	0.00	0.00	0.00	0.00	0.00	0.00
3747852.85	0.00	0.00	0.00	0.00	0.00	0.00
3747802.85	0.00	0.00	0.00	0.00	0.00	0.00
3747752.85	0.00	0.00	0.00	0.00	0.00	0.00
3747702.85	0.00	0.00	0.00	0.00	0.00	0.00
3747652.85	0.00	0.00	0.00	0.00	0.00	0.00
3747602.85	0.00	0.00	0.00	0.00	0.00	0.00
3747552.85	0.00	0.00	0.00	0.00	0.00	0.00
3747502.85	0.00	0.00	0.00	0.00	0.00	0.00
3747452.85	0.00	0.00	0.00	0.00	0.00	0.00
3747402.85	0.00	0.00	0.00	0.00	0.00	0.00
3747352.85	0.00	0.00	0.00	0.00	0.00	0.00
3747302.85	0.00	0.00	0.00	0.00	0.00	0.00
3747252.85	0.00	0.00	0.00	0.00	0.00	0.00
3747202.85	0.00	0.00	0.00	0.00	0.00	0.00
3747152.85	0.00	0.00	0.00	0.00	0.00	0.00
3747102.85	0.00	0.00	0.00	0.00	0.00	0.00
3747052.85	0.00	0.00	0.00	0.00	0.00	0.00
3747002.85	0.00	0.00	0.00	0.00	0.00	0.00
3746952.85	0.00	0.00	0.00	0.00	0.00	0.00
3746902.85	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.00	0.00	0.00	0.00	0.00	0.00
3746802.85	0.00	0.00	0.00	0.00	0.00	0.00
3746752.85	0.00	0.00	0.00	0.00	0.00	0.00
3746702.85	0.00	0.00	0.00	0.00	0.00	0.00
3746652.85	0.00	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	406493.3	3748652.8	-0.69
L0000001	406443.3	3748702.8	-21.24
L0000001	406493.3	3748702.8	-40.32
L0000001	406493.3	3748752.8	-6.69
L0000002	406493.3	3748652.8	-27.02
L0000002	406543.3	3748652.8	-27.23
L0000002	406493.3	3748702.8	-12.48
L0000002	406543.3	3748702.8	-12.62
L0000003	406543.3	3748602.8	-27.06
L0000003	406593.3	3748602.8	-12.84
L0000003	406543.3	3748652.8	-26.90
L0000003	406593.3	3748652.8	-12.73
L0000004	406593.3	3748552.8	-21.55
L0000004	406543.3	3748602.8	-0.44
L0000004	406593.3	3748602.8	-39.96
L0000004	406643.3	3748602.8	-6.74
L0000005	406643.3	3748502.8	-11.57
L0000005	406593.3	3748552.8	-13.67
L0000005	406643.3	3748552.8	-45.71
L0000005	406643.3	3748602.8	0.89
L0000006	406693.3	3748452.8	0.60
L0000006	406643.3	3748502.8	-25.36
L0000006	406693.3	3748502.8	-36.24
L0000006	406643.3	3748552.8	-0.10
L0000006	406693.3	3748552.8	-5.24
L0000007	406693.3	3748452.8	-33.03
L0000007	406743.3	3748452.8	-22.69
L0000007	406693.3	3748502.8	-14.03
L0000007	406743.3	3748502.8	-7.59
L0000008	406743.3	3748402.8	-32.47
L0000008	406793.3	3748402.8	-8.41
L0000008	406743.3	3748452.8	-27.09
L0000008	406793.3	3748452.8	-5.53
L0000009	406743.3	3748352.8	0.34
L0000009	406793.3	3748352.8	-24.12
L0000009	406743.3	3748402.8	-5.96
L0000009	406793.3	3748402.8	-37.40
L0000009	406843.3	3748402.8	0.45
L0000010	406843.3	3748302.8	-7.23
L0000010	406793.3	3748352.8	-14.72

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000010	406843.3	3748352.8	-47.02
L0000010	406843.3	3748402.8	-3.26
L0000011	406843.3	3748302.8	-16.89
L0000011	406893.3	3748302.8	-35.90
L0000011	406843.3	3748352.8	-5.39
L0000011	406893.3	3748352.8	-18.11
L0000012	406893.3	3748252.8	-9.45
L0000012	406943.3	3748252.8	-18.48
L0000012	406893.3	3748302.8	-19.36
L0000012	406943.3	3748302.8	-31.85
L0000013	406993.3	3748202.8	0.00
L0000013	406943.3	3748252.8	-26.92
L0000013	406993.3	3748252.8	-34.95
L0000013	406943.3	3748302.8	0.14
L0000013	406993.3	3748302.8	-3.57
L0000014	406993.3	3748202.8	-23.24
L0000014	407043.3	3748202.8	-23.95
L0000014	406993.3	3748252.8	-17.14
L0000014	407043.3	3748252.8	-17.73
L0000015	407043.3	3748152.8	-11.01
L0000015	407093.3	3748152.8	-7.67
L0000015	407043.3	3748202.8	-31.65
L0000015	407093.3	3748202.8	-25.93
L0000016	407093.3	3748152.8	-36.02
L0000016	407143.3	3748152.8	-23.33
L0000016	407093.3	3748202.8	-10.19
L0000016	407143.3	3748202.8	-3.40
L0000017	407143.3	3748102.8	-25.51
L0000017	407193.3	3748102.8	-11.78
L0000017	407143.3	3748152.8	-28.43
L0000017	407193.3	3748152.8	-13.75
L0000018	407193.3	3748052.8	-9.26
L0000018	407193.3	3748102.8	-43.92
L0000018	407243.3	3748102.8	-16.91
L0000018	407193.3	3748152.8	-0.27
L0000019	407243.3	3748052.8	-39.54
L0000019	407293.3	3748052.8	-11.46
L0000019	407243.3	3748102.8	-19.62
L0000019	407293.3	3748102.8	-0.89
L0000020	407293.3	3748002.8	-22.14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000020	407343.3	3748002.8	0.48
L0000020	407243.3	3748052.8	0.98
L0000020	407293.3	3748052.8	-38.95
L0000020	407343.3	3748052.8	-7.69

L0000021	407343.3	3747952.8	-3.34
L0000021	407293.3	3748002.8	-4.68
L0000021	407343.3	3748002.8	-53.07
L0000021	407393.3	3748002.8	-7.20
L0000021	407343.3	3748052.8	-8.65
L0000022	407343.3	3747952.8	-3.35
L0000022	407393.3	3747952.8	-34.17
L0000022	407443.3	3747952.8	0.39
L0000022	407343.3	3748002.8	-0.34
L0000022	407393.3	3748002.8	-27.68
L0000023	407443.3	3747902.8	-14.82
L0000023	407393.3	3747952.8	-10.42
L0000023	407443.3	3747952.8	-45.40
L0000023	407493.3	3747952.8	0.09
L0000024	407443.3	3747902.8	-13.47
L0000024	407493.3	3747902.8	-42.84
L0000024	407493.3	3747952.8	-15.02
L0000025	407493.3	3747852.8	-8.15
L0000025	407543.3	3747852.8	-24.62
L0000025	407493.3	3747902.8	-12.55
L0000025	407543.3	3747902.8	-31.87
L0000026	407593.3	3747802.8	-5.53
L0000026	407543.3	3747852.8	-21.20
L0000026	407593.3	3747852.8	-40.65
L0000026	407593.3	3747902.8	-1.93
L0000027	407593.3	3747802.8	-20.16
L0000027	407643.3	3747802.8	-30.71
L0000027	407593.3	3747852.8	-10.57
L0000027	407643.3	3747852.8	-18.33
L0000028	407643.3	3747752.8	-10.07
L0000028	407693.3	3747752.8	-13.64
L0000028	407643.3	3747802.8	-24.70
L0000028	407693.3	3747802.8	-30.22
L0000029	407693.3	3747752.8	-30.58
L0000029	407743.3	3747752.8	-30.28
L0000029	407693.3	3747802.8	-4.95

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000029	407743.3	3747802.8	-4.80
L0000030	407743.3	3747702.8	-23.42
L0000030	407793.3	3747702.8	-18.47
L0000030	407743.3	3747752.8	-22.60
L0000030	407793.3	3747752.8	-17.76
L0000031	407793.3	3747652.8	-9.09
L0000031	407843.3	3747652.8	-2.20
L0000031	407793.3	3747702.8	-36.75
L0000031	407843.3	3747702.8	-23.37
L0000032	407843.3	3747652.8	-37.02
L0000032	407893.3	3747652.8	-18.57
L0000032	407843.3	3747702.8	-15.44
L0000032	407893.3	3747702.8	-4.17

L0000033	407893.3	3747602.8	-23.08
L0000033	407943.3	3747602.8	-6.29
L0000033	407893.3	3747652.8	-33.98
L0000033	407943.3	3747652.8	-12.73
L0000034	407943.3	3747552.8	-5.59
L0000034	407943.3	3747602.8	-48.35
L0000034	407993.3	3747602.8	-13.66
L0000034	407943.3	3747652.8	-5.26
L0000035	407993.3	3747552.8	-36.87
L0000035	408043.3	3747552.8	-6.54
L0000035	407993.3	3747602.8	-24.40
L0000035	408043.3	3747602.8	-0.51
L0000036	408043.3	3747502.8	-18.49
L0000036	407993.3	3747552.8	-3.77
L0000036	408043.3	3747552.8	-43.50
L0000036	408093.3	3747552.8	-5.17
L0000037	408093.3	3747452.8	0.42
L0000037	408043.3	3747502.8	-8.33
L0000037	408093.3	3747502.8	-49.08
L0000037	408143.3	3747502.8	-2.88
L0000037	408093.3	3747552.8	-12.28
L0000038	408093.3	3747452.8	-5.49
L0000038	408143.3	3747452.8	-30.05
L0000038	408093.3	3747502.8	-5.69
L0000038	408143.3	3747502.8	-30.44
L0000039	408193.3	3747402.8	-11.62
L0000039	408143.3	3747452.8	-15.73

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000039	408193.3	3747452.8	-43.65
L0000040	408193.3	3747402.8	-20.44
L0000040	408243.3	3747402.8	-37.76
L0000040	408193.3	3747452.8	-2.80
L0000040	408243.3	3747452.8	-12.42
L0000041	408243.3	3747352.8	-17.44
L0000041	408293.3	3747352.8	-22.94
L0000041	408243.3	3747402.8	-18.09
L0000041	408293.3	3747402.8	-23.69
L0000042	408293.3	3747302.8	-8.16
L0000042	408343.3	3747302.8	-6.67
L0000042	408293.3	3747352.8	-31.02
L0000042	408343.3	3747352.8	-28.27
L0000043	408343.3	3747302.8	-36.23
L0000043	408393.3	3747302.8	-23.23
L0000043	408343.3	3747352.8	-10.07
L0000043	408393.3	3747352.8	-3.16
L0000044	408393.3	3747252.8	-29.64
L0000044	408443.3	3747252.8	-11.66
L0000044	408393.3	3747302.8	-26.64
L0000044	408443.3	3747302.8	-9.82
L0000045	408443.3	3747202.8	-17.13

L0000045	408443.3	3747252.8	-42.92
L0000045	408493.3	3747252.8	-10.56
L0000046	408493.3	3747152.8	-2.54
L0000046	408443.3	3747202.8	-6.06
L0000046	408493.3	3747202.8	-52.53
L0000046	408543.3	3747202.8	-5.72
L0000046	408493.3	3747252.8	-9.48
L0000047	408493.3	3747152.8	-8.63
L0000047	408543.3	3747152.8	-36.40
L0000047	408493.3	3747202.8	-2.24
L0000047	408543.3	3747202.8	-23.90
L0000048	408543.3	3747102.8	-5.60
L0000048	408593.3	3747102.8	-20.03
L0000048	408543.3	3747152.8	-15.16
L0000048	408593.3	3747152.8	-35.46
L0000049	408643.3	3747052.8	-1.93
L0000049	408593.3	3747102.8	-22.96
L0000049	408643.3	3747102.8	-38.97

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000049	408643.3	3747152.8	-4.47
L0000050	408643.3	3747052.8	-17.45
L0000050	408693.3	3747052.8	-26.48
L0000050	408643.3	3747102.8	-14.60
L0000050	408693.3	3747102.8	-22.85
L0000051	408693.3	3747002.8	-3.07
L0000051	408743.3	3747002.8	-7.28
L0000051	408693.3	3747052.8	-26.14
L0000051	408743.3	3747052.8	-34.46
L0000052	408743.3	3747002.8	-24.53
L0000052	408793.3	3747002.8	-28.63
L0000052	408743.3	3747052.8	-11.92
L0000052	408793.3	3747052.8	-14.75
L0000053	408793.3	3746952.8	-11.17
L0000053	408843.3	3746952.8	-11.78
L0000053	408793.3	3747002.8	-27.28
L0000053	408843.3	3747002.8	-28.24
L0000054	408843.3	3746952.8	-30.94
L0000054	408893.3	3746952.8	-28.43
L0000054	408843.3	3747002.8	-7.99
L0000054	408893.3	3747002.8	-6.64
L0000055	408893.3	3746902.8	-18.88
L0000055	408943.3	3746902.8	-15.01
L0000055	408893.3	3746952.8	-26.24
L0000055	408943.3	3746952.8	-21.54
L0000056	408943.3	3746902.8	-33.59
L0000056	408993.3	3746902.8	-27.57
L0000056	408943.3	3746952.8	-5.60
L0000056	408993.3	3746952.8	-2.65
L0000057	408993.3	3746852.8	-19.42
L0000057	409043.3	3746852.8	-15.40

L0000057	408993.3	3746902.8	-25.88
L0000057	409043.3	3746902.8	-21.11
L0000058	409043.3	3746852.8	-33.80
L0000058	409093.3	3746852.8	-27.57
L0000058	409043.3	3746902.8	-5.08
L0000058	409093.3	3746902.8	-2.08

*** 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
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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
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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 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 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,

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

Surface file:
KFUL_V9_ADJU\KFUL_V9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:

UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	283.8	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	322.	0.96	283.8	99.0	-99.00	-99.00

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

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	406293.32	406343.32	406393.32	406443.32	406493.32	406543.32
406593.32	406643.32	406693.32				
3748852.85	0.00717	0.00842	0.01003	0.01188	0.01341	
0.01392	0.01355	0.01278	0.01193			
3748802.85	0.00813	0.01004	0.01296	0.01719	0.02052	
0.02020	0.01827	0.01630	0.01462			
3748752.85	0.00911	0.01190	0.01744	0.03194	0.02029	
0.03384	0.02632	0.02157	0.01835			
3748702.85	0.00986	0.01332	0.02129	0.02064	0.01701	
0.03851	0.04103	0.02978	0.02363			
3748652.85	0.01017	0.01360	0.02049	0.03773	0.02539	
0.02861	0.04431	0.04380	0.03153			
3748602.85	0.01007	0.01300	0.01794	0.02692	0.04487	
0.03105	0.03434	0.03053	0.04478			
3748552.85	0.00971	0.01210	0.01570	0.02130	0.03058	
0.04878	0.03154	0.03991	0.04952			
3748502.85	0.00924	0.01119	0.01391	0.01778	0.02354	
0.03294	0.05177	0.03359	0.03632			
3748452.85	0.00874	0.01035	0.01247	0.01532	0.01928	
0.02510	0.03463	0.05396	0.03801			
3748402.85	0.00826	0.00959	0.01129	0.01349	0.01638	
0.02036	0.02620	0.03587	0.05572			
3748352.85	0.00779	0.00892	0.01031	0.01205	0.01426	
0.01715	0.02110	0.02691	0.03654			
3748302.85	0.00736	0.00831	0.00947	0.01088	0.01261	
0.01480	0.01763	0.02147	0.02703			
3748252.85	0.00695	0.00778	0.00875	0.00991	0.01130	
0.01300	0.01511	0.01781	0.02138			
3748202.85	0.00658	0.00729	0.00812	0.00909	0.01022	
0.01158	0.01321	0.01520	0.01768			
3748152.85	0.00623	0.00685	0.00756	0.00838	0.00933	
0.01043	0.01172	0.01324	0.01507			
3748102.85	0.00591	0.00646	0.00707	0.00777	0.00857	
0.00948	0.01052	0.01173	0.01314			
3748052.85	0.00562	0.00610	0.00664	0.00724	0.00792	
0.00868	0.00955	0.01053	0.01165			
3748002.85	0.00535	0.00577	0.00625	0.00677	0.00735	
0.00801	0.00873	0.00954	0.01046			
3747952.85	0.00510	0.00548	0.00589	0.00636	0.00686	
0.00742	0.00804	0.00873	0.00949			
3747902.85	0.00486	0.00520	0.00558	0.00598	0.00643	

```
 0.00692      0.00745      0.00804      0.00868
 3747852.85 |       0.00465      0.00495      0.00529      0.00565      0.00605
 0.00647      0.00694      0.00745      0.00800
 3747802.85 |       0.00445      0.00472      0.00503      0.00535      0.00570
 0.00608      0.00649      0.00693      0.00741
 3747752.85 |       0.00426      0.00451      0.00478      0.00508      0.00539
 0.00573      0.00609      0.00648      0.00691
 3747702.85 |       0.00408      0.00432      0.00456      0.00483      0.00511
 0.00541      0.00574      0.00609      0.00646
 3747652.85 |       0.00392      0.00413      0.00436      0.00460      0.00486
 0.00513      0.00542      0.00573      0.00606
 3747602.85 |       0.00377      0.00396      0.00417      0.00439      0.00462
 0.00487      0.00513      0.00541      0.00571
 3747552.85 |       0.00362      0.00380      0.00399      0.00419      0.00441
 0.00463      0.00487      0.00512      0.00539
 3747502.85 |       0.00349      0.00365      0.00383      0.00401      0.00421
 0.00441      0.00463      0.00486      0.00510
 3747452.85 |       0.00336      0.00351      0.00368      0.00385      0.00403
 0.00421      0.00441      0.00462      0.00484
 3747402.85 |       0.00324      0.00338      0.00353      0.00369      0.00385
 0.00403      0.00421      0.00440      0.00460
 3747352.85 |       0.00313      0.00326      0.00340      0.00354      0.00370
 0.00386      0.00402      0.00420      0.00438
 3747302.85 |       0.00302      0.00314      0.00327      0.00341      0.00355
 0.00369      0.00385      0.00401      0.00418
 3747252.85 |       0.00292      0.00303      0.00315      0.00328      0.00341
 0.00354      0.00369      0.00384      0.00399
 3747202.85 |       0.00282      0.00293      0.00304      0.00315      0.00328
 0.00340      0.00354      0.00367      0.00382
 3747152.85 |       0.00273      0.00283      0.00293      0.00304      0.00315
 0.00327      0.00339      0.00352      0.00366
 3747102.85 |       0.00264      0.00273      0.00283      0.00293      0.00304
 0.00315      0.00326      0.00338      0.00350
 3747052.85 |       0.00255      0.00264      0.00273      0.00283      0.00293
 0.00303      0.00314      0.00325      0.00336
 3747002.85 |       0.00247      0.00255      0.00264      0.00273      0.00282
 0.00292      0.00302      0.00312      0.00323
 3746952.85 |       0.00239      0.00247      0.00255      0.00264      0.00272
 0.00281      0.00291      0.00300      0.00310
 3746902.85 |       0.00232      0.00239      0.00247      0.00255      0.00263
 0.00271      0.00280      0.00289      0.00298
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       20:48:29

                    PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR
                   SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                 L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
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```
   (METERS) |     406293.32    406343.32    406393.32    406443.32    406493.32    406543.32
   406593.32    406643.32    406693.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -

 3746852.85 |       0.00225      0.00232      0.00239      0.00246      0.00254
 0.00262      0.00270      0.00278      0.00287
 3746802.85 |       0.00218      0.00225      0.00231      0.00238      0.00245
 0.00253      0.00260      0.00268      0.00276
 3746752.85 |       0.00212      0.00218      0.00224      0.00231      0.00237
 0.00244      0.00251      0.00259      0.00266
 3746702.85 |       0.00205      0.00211      0.00217      0.00223      0.00230
 0.00236      0.00243      0.00250      0.00257
 3746652.85 |       0.00199      0.00205      0.00210      0.00216      0.00222
 0.00228      0.00235      0.00241      0.00248
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        20:48:29

                      PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR
                   SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                  L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     406743.32    406793.32    406843.32    406893.32    406943.32    406993.32
    407043.32    407093.32    407143.32
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -

 3748852.85 |       0.01112      0.01039      0.00975      0.00919      0.00869
 0.00825      0.00786      0.00752      0.00720
 3748802.85 |       0.01325      0.01212      0.01118      0.01040      0.00974
 0.00918      0.00868      0.00825      0.00787
 3748752.85 |       0.01603      0.01429      0.01294      0.01187      0.01099
 0.01026      0.00964      0.00910      0.00863
 3748702.85 |       0.01975      0.01708      0.01513      0.01365      0.01248
 0.01154      0.01076      0.01009      0.00952
 3748652.85 |       0.02489      0.02074      0.01791      0.01585      0.01430
 0.01307      0.01208      0.01125      0.01055
 3748602.85 |       0.03247      0.02574      0.02152      0.01864      0.01654
 0.01495      0.01368      0.01264      0.01176
 3748552.85 |       0.04514      0.03310      0.02647      0.02230      0.01942
 0.01730      0.01565      0.01433      0.01323
 3748502.85 |       0.04726      0.04538      0.03383      0.02743      0.02331
 0.02038      0.01818      0.01644      0.01503
 3748452.85 |       0.03625      0.04817      0.04640      0.03540      0.02898
 0.02468      0.02157      0.01920      0.01732
 3748402.85 |       0.03637      0.03987      0.03455      0.05043      0.03838
 0.03124      0.02646      0.02300      0.02037
 3748352.85 |       0.03996      0.03457      0.04121      0.05480      0.05783
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 0.04284      0.03424      0.02863      0.02466
 3748302.85 |       0.03583      0.05167      0.03415      0.03780      0.04063
 0.04800      0.04898      0.03802      0.03122
 3748252.85 |       0.02632      0.03356      0.04544      0.04626      0.03686
 0.03860      0.05337      0.05737      0.04275
 3748202.85 |       0.02086      0.02506      0.03094      0.03991      0.05606
 0.03711      0.03821      0.03806      0.04757
 3748152.85 |       0.01731      0.02008      0.02365      0.02848      0.03553
 0.04720      0.04721      0.03944      0.03843
 3748102.85 |       0.01480      0.01679      0.01922      0.02228      0.02634
 0.03206      0.04097      0.05723      0.05374
 3748052.85 |       0.01294      0.01444      0.01621      0.01836      0.02103
 0.02450      0.02925      0.03629      0.04809
 3748002.85 |       0.01149      0.01267      0.01404      0.01563      0.01754
 0.01990      0.02290      0.02691      0.03261
 3747952.85 |       0.01034      0.01129      0.01238      0.01362      0.01506
 0.01678      0.01887      0.02149      0.02492
 3747902.85 |       0.00940      0.01019      0.01107      0.01206      0.01320
 0.01452      0.01607      0.01794      0.02025
 3747852.85 |       0.00861      0.00927      0.01001      0.01083      0.01175
 0.01279      0.01400      0.01541      0.01709
 3747802.85 |       0.00794      0.00851      0.00913      0.00982      0.01058
 0.01143      0.01240      0.01350      0.01479
 3747752.85 |       0.00736      0.00785      0.00839      0.00897      0.00962
 0.01033      0.01112      0.01202      0.01304
 3747702.85 |       0.00686      0.00729      0.00776      0.00826      0.00881
 0.00941      0.01008      0.01082      0.01165
 3747652.85 |       0.00642      0.00680      0.00721      0.00765      0.00812
 0.00864      0.00921      0.00983      0.01052
 3747602.85 |       0.00603      0.00636      0.00673      0.00711      0.00753
 0.00798      0.00847      0.00900      0.00959
 3747552.85 |       0.00568      0.00598      0.00630      0.00664      0.00701
 0.00741      0.00783      0.00830      0.00880
 3747502.85 |       0.00536      0.00563      0.00592      0.00623      0.00656
 0.00691      0.00728      0.00768      0.00812
 3747452.85 |       0.00507      0.00532      0.00558      0.00586      0.00615
 0.00646      0.00679      0.00715      0.00753
 3747402.85 |       0.00481      0.00504      0.00527      0.00552      0.00579
 0.00607      0.00636      0.00668      0.00702
 3747352.85 |       0.00458      0.00478      0.00499      0.00522      0.00546
 0.00571      0.00598      0.00626      0.00656
 3747302.85 |       0.00436      0.00454      0.00474      0.00494      0.00516
 0.00539      0.00563      0.00588      0.00615
 3747252.85 |       0.00416      0.00433      0.00451      0.00469      0.00489
 0.00510      0.00531      0.00555      0.00579
 3747202.85 |       0.00397      0.00413      0.00429      0.00446      0.00464
 0.00483      0.00503      0.00524      0.00546
 3747152.85 |       0.00379      0.00394      0.00409      0.00425      0.00441
 0.00459      0.00477      0.00496      0.00516
 3747102.85 |       0.00363      0.00377      0.00391      0.00405      0.00420
 0.00436      0.00453      0.00470      0.00488
 3747052.85 |       0.00348      0.00360      0.00373      0.00387      0.00401
 0.00415      0.00430      0.00446      0.00463
 3747002.85 |       0.00334      0.00345      0.00357      0.00370      0.00382
 0.00396      0.00410      0.00424      0.00440
 3746952.85 |       0.00320      0.00331      0.00342      0.00354      0.00366
 0.00378      0.00391      0.00404      0.00418
 3746902.85 |       0.00308      0.00318      0.00328      0.00339      0.00350
 0.00361      0.00373      0.00385      0.00398
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       20:48:29

                     PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	406743.32	406793.32	406843.32	406893.32	406943.32	406993.32
407043.32	407093.32	407143.32				
3746852.85	0.00296	0.00305	0.00315	0.00325	0.00335	
0.00345	0.00356	0.00368	0.00380			
3746802.85	0.00285	0.00293	0.00302	0.00311	0.00321	
0.00331	0.00341	0.00351	0.00362			
3746752.85	0.00274	0.00282	0.00290	0.00299	0.00308	
0.00317	0.00326	0.00336	0.00346			
3746702.85	0.00264	0.00272	0.00279	0.00287	0.00295	
0.00304	0.00313	0.00322	0.00331			
3746652.85	0.00255	0.00262	0.00269	0.00276	0.00284	
0.00292	0.00300	0.00308	0.00317			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				
3748852.85	0.00691	0.00665	0.00641	0.00618	0.00597	
0.00578	0.00559	0.00541	0.00525			
3748802.85	0.00752	0.00721	0.00692	0.00666	0.00642	

0.00619 0.00597 0.00577 0.00558
3748752.85 | 0.00822 0.00784 0.00751 0.00720 0.00691
0.00665 0.00640 0.00617 0.00596
3748702.85 | 0.00901 0.00857 0.00816 0.00780 0.00747
0.00716 0.00688 0.00661 0.00637
3748652.85 | 0.00993 0.00940 0.00892 0.00848 0.00809
0.00774 0.00741 0.00711 0.00683
3748602.85 | 0.01101 0.01036 0.00978 0.00927 0.00881
0.00839 0.00801 0.00766 0.00734
3748552.85 | 0.01229 0.01149 0.01079 0.01018 0.00963
0.00914 0.00869 0.00828 0.00791
3748502.85 | 0.01385 0.01285 0.01199 0.01124 0.01058
0.01000 0.00947 0.00899 0.00856
3748452.85 | 0.01579 0.01452 0.01344 0.01252 0.01171
0.01100 0.01037 0.00981 0.00930
3748402.85 | 0.01830 0.01662 0.01524 0.01407 0.01307
0.01220 0.01144 0.01076 0.01016
3748352.85 | 0.02169 0.01938 0.01753 0.01600 0.01473
0.01364 0.01271 0.01189 0.01116
3748302.85 | 0.02657 0.02317 0.02057 0.01851 0.01683
0.01544 0.01426 0.01324 0.01236
3748252.85 | 0.03432 0.02878 0.02485 0.02189 0.01959
0.01773 0.01619 0.01490 0.01380
3748202.85 | 0.04886 0.03808 0.03138 0.02677 0.02338
0.02078 0.01870 0.01701 0.01560
3748152.85 | 0.03662 0.05715 0.04284 0.03452 0.02901
0.02507 0.02210 0.01977 0.01789
3748102.85 | 0.04062 0.03766 0.04896 0.04910 0.03837
0.03165 0.02700 0.02358 0.02095
3748052.85 | 0.04950 0.04269 0.04049 0.03622 0.05763
0.04322 0.03481 0.02924 0.02526
3748002.85 | 0.04152 0.05766 0.03694 0.02799 0.03924
0.06970 0.04955 0.03868 0.03188
3747952.85 | 0.02962 0.03658 0.04820 0.03405 0.03912
0.04548 0.03734 0.05814 0.04356
3747902.85 | 0.02320 0.02715 0.03276 0.04152 0.05746
0.03618 0.04057 0.05964 0.04980
3747852.85 | 0.01914 0.02171 0.02508 0.02971 0.03657
0.04804 0.04914 0.03790 0.04097
3747802.85 | 0.01631 0.01814 0.02041 0.02332 0.02721
0.03275 0.04140 0.05718 0.03687
3747752.85 | 0.01421 0.01559 0.01724 0.01926 0.02180
0.02513 0.02970 0.03648 0.04777
3747702.85 | 0.01259 0.01367 0.01493 0.01643 0.01823
0.02048 0.02335 0.02720 0.03268
3747652.85 | 0.01130 0.01217 0.01317 0.01433 0.01568
0.01731 0.01931 0.02182 0.02511
3747602.85 | 0.01024 0.01096 0.01177 0.01270 0.01376
0.01500 0.01648 0.01826 0.02049
3747552.85 | 0.00935 0.00996 0.01064 0.01139 0.01225
0.01324 0.01438 0.01572 0.01733
3747502.85 | 0.00860 0.00912 0.00969 0.01032 0.01103
0.01183 0.01274 0.01379 0.01502
3747452.85 | 0.00795 0.00840 0.00889 0.00943 0.01003
0.01069 0.01144 0.01228 0.01326
3747402.85 | 0.00738 0.00778 0.00820 0.00867 0.00918
0.00974 0.01036 0.01106 0.01185
3747352.85 | 0.00688 0.00723 0.00760 0.00801 0.00845
0.00893 0.00946 0.01005 0.01070
3747302.85 | 0.00644 0.00675 0.00708 0.00743 0.00782
0.00824 0.00869 0.00919 0.00974
3747252.85 | 0.00605 0.00632 0.00661 0.00693 0.00727
0.00763 0.00803 0.00846 0.00893
3747202.85 | 0.00569 0.00594 0.00620 0.00648 0.00678
0.00710 0.00745 0.00782 0.00823
3747152.85 | 0.00537 0.00559 0.00583 0.00608 0.00634

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	407193.32	407243.32	407293.32	407343.32	407393.32	407443.32
407493.32	407543.32	407593.32				

- - - -

L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)											
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32	407943.32	407993.32	408043.32			
3748852.85	0.00509	0.00494	0.00479	0.00465	0.00452	0.00439	0.00427	0.00415	0.00404			
3748802.85	0.00541	0.00524	0.00507	0.00492	0.00477	0.00463	0.00450	0.00437	0.00424			
3748752.85	0.00575	0.00556	0.00538	0.00521	0.00505	0.00489	0.00474	0.00460	0.00446			
3748702.85	0.00614	0.00592	0.00572	0.00553	0.00534	0.00517	0.00501	0.00485	0.00470			
3748652.85	0.00656	0.00632	0.00609	0.00587	0.00567	0.00548	0.00529	0.00512	0.00495			
3748602.85	0.00704	0.00676	0.00650	0.00626	0.00603	0.00581	0.00561	0.00541	0.00523			
3748552.85	0.00757	0.00725	0.00696	0.00668	0.00642	0.00618	0.00595	0.00574	0.00553			
3748502.85	0.00816	0.00780	0.00746	0.00715	0.00686	0.00659	0.00633	0.00609	0.00586			
3748452.85	0.00884	0.00842	0.00803	0.00768	0.00735	0.00704	0.00675	0.00648	0.00623			
3748402.85	0.00962	0.00913	0.00868	0.00827	0.00789	0.00754	0.00722	0.00691	0.00663			
3748352.85	0.01052	0.00994	0.00942	0.00894	0.00851	0.00811	0.00774	0.00740	0.00708			
3748302.85	0.01158	0.01089	0.01027	0.00972	0.00921	0.00875	0.00833	0.00794	0.00757			
3748252.85	0.01285	0.01201	0.01127	0.01062	0.01002	0.00949	0.00900	0.00855	0.00814			
3748202.85	0.01440	0.01337	0.01247	0.01167	0.01097	0.01034	0.00976	0.00925	0.00877			
3748152.85	0.01634	0.01503	0.01391	0.01294	0.01209	0.01133	0.01066	0.01005	0.00950			
3748102.85	0.01885	0.01714	0.01570	0.01449	0.01343	0.01252	0.01171	0.01099	0.01034			
3748052.85	0.02226	0.01990	0.01800	0.01642	0.01510	0.01396	0.01297	0.01210	0.01133			
3748002.85	0.02718	0.02373	0.02106	0.01894	0.01720	0.01575	0.01451	0.01344	0.01251			
3747952.85	0.03504	0.02942	0.02539	0.02235	0.01997	0.01804	0.01644	0.01509	0.01393			
3747902.85	0.04993	0.03893	0.03205	0.02730	0.02380	0.02110	0.01895	0.01719	0.01571			
3747852.85	0.05430	0.05866	0.04383	0.03520	0.02950	0.02543	0.02235	0.01994	0.01799			
3747802.85	0.03893	0.04016	0.04874	0.05023	0.03905	0.03208	0.02728	0.02375	0.02103			
3747752.85	0.04752	0.03860	0.03909	0.05547	0.05894	0.04385	0.03516	0.02943	0.02533			
3747702.85	0.04122	0.05671	0.05362	0.03956	0.03832	0.04905	0.05010	0.03891	0.03194			
3747652.85	0.02965	0.03637	0.04756	0.04794	0.04149	0.03950	0.03677	0.05862	0.04363			
3747602.85	0.02334	0.02717	0.03264	0.04119	0.05667							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	407643.32	407693.32	407743.32	407793.32	407843.32	407893.32	407943.32	407993.32	408043.32
3747552.85	0.01931	0.02182	0.02510	0.02965	0.03641	0.04770	0.05039	0.04076	0.04237	0.04273	0.03842	0.05076
3747502.85	0.01649	0.01827	0.02048	0.02334	0.02718	0.03268	0.04129	0.05692	0.03638			
3747452.85	0.01439	0.01572	0.01733	0.01931	0.02182	0.02512	0.02968	0.03649	0.04791			
3747402.85	0.01275	0.01380	0.01502	0.01648	0.01826	0.02049	0.02336	0.02724	0.03283			
3747352.85	0.01144	0.01228	0.01325	0.01438	0.01571	0.01733	0.01933	0.02188	0.02526			
3747302.85	0.01036	0.01105	0.01184	0.01274	0.01379	0.01502	0.01650	0.01832	0.02062			
3747252.85	0.00945	0.01003	0.01069	0.01142	0.01226	0.01324	0.01439	0.01576	0.01744			
3747202.85	0.00868	0.00917	0.00972	0.01034	0.01103	0.01182	0.01274	0.01381	0.01509			
3747152.85	0.00801	0.00843	0.00890	0.00942	0.01000	0.01066	0.01140	0.01227	0.01328			
3747102.85	0.00742	0.00779	0.00819	0.00864	0.00913	0.00968	0.01030	0.01101	0.01182			
3747052.85	0.00690	0.00723	0.00758	0.00796	0.00838	0.00885	0.00937	0.00996	0.01062			
3747002.85	0.00644	0.00672	0.00703	0.00736	0.00773	0.00813	0.00857	0.00906	0.00962			
3746952.85	0.00602	0.00627	0.00654	0.00683	0.00715	0.00749	0.00787	0.00829	0.00876			
3746902.85	0.00565	0.00587	0.00611	0.00636	0.00664	0.00694	0.00726	0.00762	0.00801			
3746852.85	0.00530	0.00550	0.00571	0.00594	0.00618	0.00644	0.00672	0.00702	0.00736			
3746802.85	0.00499	0.00517	0.00535	0.00555	0.00576	0.00599	0.00623	0.00650	0.00678			
3746752.85	0.00470	0.00486	0.00503	0.00520	0.00539	0.00559	0.00580	0.00603	0.00627			
3746702.85	0.00444	0.00458	0.00473	0.00489	0.00505							

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3748852.85	0.00393	0.00382	0.00372	0.00362	0.00352	
0.00343	0.00334	0.00325	0.00316			
3748802.85	0.00412	0.00400	0.00389	0.00378	0.00368	
0.00358	0.00348	0.00338	0.00329			
3748752.85	0.00433	0.00420	0.00408	0.00396	0.00385	
0.00374	0.00363	0.00353	0.00343			
3748702.85	0.00455	0.00441	0.00428	0.00415	0.00403	
0.00391	0.00379	0.00368	0.00357			
3748652.85	0.00479	0.00464	0.00449	0.00435	0.00422	
0.00409	0.00396	0.00384	0.00373			
3748602.85	0.00505	0.00489	0.00473	0.00457	0.00443	
0.00428	0.00415	0.00402	0.00389			
3748552.85	0.00534	0.00515	0.00498	0.00481	0.00465	
0.00450	0.00435	0.00421	0.00407			
3748502.85	0.00565	0.00545	0.00525	0.00507	0.00489	
0.00472	0.00456	0.00441	0.00426			
3748452.85	0.00599	0.00576	0.00555	0.00535	0.00515	
0.00497	0.00479	0.00462	0.00446			
3748402.85	0.00636	0.00611	0.00588	0.00565	0.00544	
0.00524	0.00504	0.00486	0.00468			
3748352.85	0.00678	0.00650	0.00623	0.00599	0.00575	
0.00553	0.00532	0.00511	0.00492			
3748302.85	0.00724	0.00692	0.00663	0.00635	0.00609	
0.00585	0.00561	0.00539	0.00518			
3748252.85	0.00775	0.00740	0.00707	0.00676	0.00647	
0.00619	0.00594	0.00569	0.00546			
3748202.85	0.00833	0.00793	0.00756	0.00721	0.00689	
0.00658	0.00629	0.00602	0.00577			
3748152.85	0.00900	0.00853	0.00811	0.00772	0.00735	
0.00701	0.00669	0.00639	0.00610			
3748102.85	0.00976	0.00922	0.00874	0.00829	0.00787	
0.00749	0.00713	0.00679	0.00648			
3748052.85	0.01064	0.01002	0.00945	0.00894	0.00846	

0.00802 0.00762 0.00724 0.00689
3748002.85 | 0.01168 0.01094 0.01028 0.00968 0.00914
0.00863 0.00817 0.00775 0.00735
3747952.85 | 0.01293 0.01204 0.01125 0.01055 0.00991
0.00933 0.00880 0.00831 0.00787
3747902.85 | 0.01445 0.01337 0.01241 0.01157 0.01082
0.01014 0.00952 0.00896 0.00845
3747852.85 | 0.01637 0.01500 0.01382 0.01280 0.01189
0.01109 0.01036 0.00971 0.00912
3747802.85 | 0.01886 0.01707 0.01558 0.01430 0.01319
0.01221 0.01135 0.01058 0.00989
3747752.85 | 0.02224 0.01980 0.01782 0.01618 0.01478
0.01358 0.01253 0.01161 0.01079
3747702.85 | 0.02713 0.02358 0.02083 0.01862 0.01680
0.01527 0.01396 0.01284 0.01185
3747652.85 | 0.03495 0.02920 0.02506 0.02192 0.01944
0.01742 0.01575 0.01434 0.01313
3747602.85 | 0.04977 0.03860 0.03157 0.02668 0.02306
0.02026 0.01804 0.01622 0.01471
3747552.85 | 0.03660 0.05803 0.04303 0.03420 0.02836
0.02421 0.02109 0.01865 0.01669
3747502.85 | 0.04262 0.04038 0.06907 0.04810 0.03696
0.03009 0.02538 0.02192 0.01926
3747452.85 | 0.03430 0.03835 0.04295 0.05326 0.05357
0.03991 0.03191 0.02659 0.02277
3747402.85 | 0.04168 0.05843 0.03676 0.03932 0.05607
0.06024 0.04326 0.03387 0.02784
3747352.85 | 0.03004 0.03743 0.05077 0.05099 0.03836
0.03852 0.04719 0.04703 0.03594
3747302.85 | 0.02366 0.02790 0.03431 0.04521 0.04656
0.03981 0.03813 0.05195 0.05120
3747252.85 | 0.01956 0.02233 0.02615 0.03176 0.04089
0.05863 0.05586 0.04039 0.03585
3747202.85 | 0.01666 0.01862 0.02117 0.02463 0.02961
0.03749 0.05210 0.03517 0.04312
3747152.85 | 0.01448 0.01595 0.01778 0.02013 0.02329
0.02777 0.03470 0.04698 0.03349
3747102.85 | 0.01278 0.01391 0.01528 0.01699 0.01916
0.02205 0.02610 0.03219 0.04249
3747052.85 | 0.01139 0.01229 0.01335 0.01464 0.01622
0.01822 0.02085 0.02444 0.02968
3747002.85 | 0.01025 0.01097 0.01181 0.01280 0.01399
0.01544 0.01726 0.01959 0.02268
3746952.85 | 0.00928 0.00987 0.01054 0.01132 0.01224
0.01332 0.01463 0.01623 0.01823
3746902.85 | 0.00844 0.00893 0.00948 0.01010 0.01082
0.01164 0.01261 0.01376 0.01513

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

Y-COORD (METERS)	X-COORD (METERS)					
	408093.32	408143.32	408193.32	408243.32	408293.32	408343.32
408393.32	408443.32	408493.32				
3746852.85	0.00772	0.00812	0.00857	0.00907	0.00964	
0.01028	0.01101	0.01186	0.01284			
3746802.85	0.00709	0.00742	0.00779	0.00820	0.00865	
0.00916	0.00972	0.01035	0.01107			
3746752.85	0.00653	0.00681	0.00712	0.00745	0.00781	
0.00821	0.00865	0.00913	0.00966			
3746702.85	0.00603	0.00627	0.00652	0.00680	0.00709	
0.00741	0.00775	0.00812	0.00852			
3746652.85	0.00559	0.00579	0.00600	0.00623	0.00647	
0.00672	0.00699	0.00728	0.00758			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				
3748852.85	0.00308	0.00299	0.00291	0.00284	0.00276	
0.00269	0.00261	0.00254	0.00248			
3748802.85	0.00320	0.00311	0.00302	0.00294	0.00286	
0.00278	0.00270	0.00263	0.00256			
3748752.85	0.00333	0.00323	0.00314	0.00305	0.00297	
0.00288	0.00280	0.00272	0.00264			
3748702.85	0.00347	0.00336	0.00327	0.00317	0.00308	
0.00299	0.00290	0.00282	0.00273			
3748652.85	0.00361	0.00350	0.00340	0.00330	0.00320	
0.00310	0.00301	0.00292	0.00283			
3748602.85	0.00377	0.00365	0.00354	0.00343	0.00332	
0.00322	0.00312	0.00302	0.00293			
3748552.85	0.00394	0.00381	0.00369	0.00357	0.00345	
0.00334	0.00324	0.00313	0.00303			
3748502.85	0.00412	0.00398	0.00385	0.00372	0.00360	

0.00348 0.00336 0.00325 0.00314
3748452.85 | 0.00431 0.00416 0.00402 0.00388 0.00375
0.00362 0.00349 0.00338 0.00326
3748402.85 | 0.00451 0.00435 0.00420 0.00405 0.00391
0.00377 0.00364 0.00351 0.00338
3748352.85 | 0.00474 0.00456 0.00439 0.00423 0.00408
0.00393 0.00379 0.00365 0.00352
3748302.85 | 0.00498 0.00479 0.00460 0.00443 0.00426
0.00410 0.00395 0.00380 0.00366
3748252.85 | 0.00524 0.00503 0.00483 0.00464 0.00446
0.00429 0.00412 0.00396 0.00381
3748202.85 | 0.00553 0.00530 0.00508 0.00487 0.00467
0.00448 0.00430 0.00413 0.00397
3748152.85 | 0.00584 0.00558 0.00535 0.00512 0.00490
0.00470 0.00450 0.00431 0.00414
3748102.85 | 0.00618 0.00590 0.00564 0.00539 0.00515
0.00493 0.00471 0.00451 0.00432
3748052.85 | 0.00656 0.00625 0.00596 0.00568 0.00542
0.00518 0.00495 0.00472 0.00451
3748002.85 | 0.00698 0.00663 0.00631 0.00601 0.00572
0.00545 0.00520 0.00495 0.00473
3747952.85 | 0.00745 0.00706 0.00670 0.00636 0.00605
0.00575 0.00547 0.00521 0.00496
3747902.85 | 0.00798 0.00754 0.00713 0.00676 0.00641
0.00608 0.00577 0.00548 0.00520
3747852.85 | 0.00858 0.00808 0.00762 0.00720 0.00681
0.00644 0.00610 0.00578 0.00548
3747802.85 | 0.00926 0.00869 0.00817 0.00769 0.00725
0.00684 0.00646 0.00611 0.00578
3747752.85 | 0.01006 0.00940 0.00880 0.00825 0.00775
0.00729 0.00687 0.00647 0.00611
3747702.85 | 0.01098 0.01021 0.00952 0.00889 0.00832
0.00780 0.00732 0.00688 0.00647
3747652.85 | 0.01209 0.01117 0.01035 0.00963 0.00897
0.00838 0.00784 0.00734 0.00688
3747602.85 | 0.01342 0.01231 0.01134 0.01049 0.00973
0.00904 0.00843 0.00786 0.00734
3747552.85 | 0.01506 0.01369 0.01252 0.01150 0.01061
0.00982 0.00910 0.00846 0.00787
3747502.85 | 0.01714 0.01541 0.01396 0.01273 0.01166
0.01073 0.00990 0.00915 0.00847
3747452.85 | 0.01987 0.01760 0.01575 0.01423 0.01294
0.01182 0.01084 0.00997 0.00918
3747402.85 | 0.02362 0.02049 0.01806 0.01612 0.01452
0.01316 0.01198 0.01095 0.01002
3747352.85 | 0.02914 0.02452 0.02116 0.01859 0.01654
0.01484 0.01340 0.01215 0.01105
3747302.85 | 0.03817 0.03057 0.02554 0.02195 0.01922
0.01704 0.01522 0.01367 0.01231
3747252.85 | 0.05606 0.04076 0.03230 0.02686 0.02300
0.02004 0.01765 0.01565 0.01394
3747202.85 | 0.03784 0.06212 0.04429 0.03483 0.02877
0.02442 0.02107 0.01837 0.01611
3747152.85 | 0.03793 0.06010 0.04994 0.05048 0.03890
0.03151 0.02628 0.02232 0.01916
3747102.85 | 0.04396 0.03558 0.03863 0.05441 0.06186
0.04504 0.03522 0.02862 0.02378
3747052.85 | 0.03796 0.05290 0.03420 0.03635 0.03754
0.04991 0.05427 0.04027 0.03159
3747002.85 | 0.02695 0.03313 0.04276 0.04211 0.03491
0.03579 0.03569 0.04515 0.04767
3746952.85 | 0.02079 0.02413 0.02870 0.03538 0.04644
0.04438 0.03445 0.03402 0.03245
3746902.85 | 0.01680 0.01885 0.02146 0.02490 0.02972
0.03708 0.04998 0.04498 0.03159

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	408543.32	408593.32	408643.32	408693.32	408743.32	408793.32
408843.32	408893.32	408943.32				
3746852.85	0.01398	0.01533	0.01696	0.01897	0.02153	
0.02496	0.02980	0.03711	0.04932			
3746802.85	0.01188	0.01280	0.01387	0.01512	0.01661	
0.01841	0.02064	0.02344	0.02699			
3746752.85	0.01024	0.01089	0.01161	0.01241	0.01331	
0.01432	0.01543	0.01662	0.01779			
3746702.85	0.00895	0.00941	0.00990	0.01042	0.01098	
0.01155	0.01212	0.01263	0.01300			
3746652.85	0.00789	0.00822	0.00856	0.00891	0.00926	
0.00958	0.00987	0.01008	0.01016			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32

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3748852.85	0.00241	0.00234	0.00228	0.00222	0.00216	0.00210
3748802.85	0.00249	0.00242	0.00235	0.00228	0.00222	0.00216
3748752.85	0.00257	0.00249	0.00242	0.00235	0.00229	0.00222
3748702.85	0.00265	0.00257	0.00250	0.00242	0.00235	0.00228
3748652.85	0.00274	0.00266	0.00258	0.00250	0.00242	0.00235
3748602.85	0.00284	0.00275	0.00266	0.00258	0.00250	0.00242
3748552.85	0.00294	0.00284	0.00275	0.00266	0.00258	0.00249
3748502.85	0.00304	0.00294	0.00284	0.00275	0.00266	0.00257
3748452.85	0.00315	0.00304	0.00294	0.00284	0.00274	0.00265
3748402.85	0.00327	0.00315	0.00304	0.00294	0.00283	0.00273
3748352.85	0.00339	0.00327	0.00315	0.00304	0.00293	0.00282
3748302.85	0.00352	0.00339	0.00326	0.00314	0.00303	0.00291
3748252.85	0.00366	0.00352	0.00338	0.00325	0.00313	0.00301
3748202.85	0.00381	0.00366	0.00351	0.00337	0.00324	0.00311
3748152.85	0.00396	0.00380	0.00365	0.00350	0.00335	0.00322
3748102.85	0.00413	0.00396	0.00379	0.00363	0.00348	0.00333
3748052.85	0.00431	0.00412	0.00394	0.00377	0.00361	0.00345
3748002.85	0.00451	0.00430	0.00411	0.00392	0.00374	0.00357
3747952.85	0.00472	0.00449	0.00428	0.00408	0.00389	0.00371
3747902.85	0.00495	0.00470	0.00447	0.00425	0.00404	0.00385
3747852.85	0.00519	0.00493	0.00467	0.00444	0.00421	0.00400
3747802.85	0.00546	0.00517	0.00489	0.00463	0.00439	0.00416
3747752.85	0.00576	0.00544	0.00513	0.00485	0.00458	0.00433
3747702.85	0.00609	0.00573	0.00540	0.00508	0.00479	0.00451
3747652.85	0.00645	0.00606	0.00568	0.00534	0.00501	0.00471
3747602.85	0.00686	0.00642	0.00600	0.00562	0.00526	0.00492
3747552.85	0.00733	0.00682	0.00636	0.00593	0.00552	0.00515
3747502.85	0.00785	0.00728	0.00676	0.00627	0.00582	0.00540
3747452.85	0.00847	0.00781	0.00721	0.00666	0.00614	0.00567
3747402.85	0.00919	0.00843	0.00773	0.00709	0.00651	0.00597
3747352.85	0.01005	0.00915	0.00834	0.00759	0.00692	0.00630
3747302.85	0.01111	0.01003	0.00906	0.00817	0.00738	0.00666
3747252.85	0.01244	0.01111	0.00992	0.00886	0.00791	0.00707
3747202.85	0.01418	0.01249	0.01100	0.00968	0.00852	0.00751
3747152.85	0.01655	0.01432	0.01238	0.01069	0.00924	0.00801
3747102.85	0.01999	0.01687	0.01422	0.01196	0.01007	0.00854
3747052.85	0.02547	0.02072	0.01681	0.01360	0.01105	0.00911
3747002.85	0.03563	0.02728	0.02082	0.01580	0.01217	0.00968
3746952.85	0.03995	0.04124	0.02793	0.01881	0.01333	0.01015
3746902.85	0.02899	0.02329	0.02380	0.02254	0.01417	0.01037

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	408993.32	409043.32	409093.32	409143.32	409193.32	409243.32
3746852.85	0.04013	0.01779	0.02091	0.02331	0.01390	0.01012
3746802.85	0.03150	0.03627	0.02959	0.01791	0.01228	0.00935
3746752.85	0.01867	0.01851	0.01628	0.01295	0.01022	0.00831
3746702.85	0.01306	0.01258	0.01146	0.00995	0.00849	0.00728
3746652.85	0.01003	0.00963	0.00894	0.00809	0.00720	0.00639

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.06970 AT (407443.32, 3748002.85, 0.00, 0.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.06907 AT (408193.32, 3747502.85, 0.00, 0.00, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.06212 AT (408593.32, 3747202.85, 0.00, 0.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.06186 AT (408743.32, 3747102.85, 0.00, 0.00, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.06024 AT (408343.32, 3747402.85, 0.00, 0.00, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.06010 AT (408593.32, 3747152.85, 0.00, 0.00, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.05964 AT (407543.32, 3747902.85, 0.00, 0.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.05894 AT (407843.32, 3747752.85, 0.00, 0.00, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.05866 AT (407693.32, 3747852.85, 0.00, 0.00, 0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	0.05863 AT (408343.32, 3747252.85, 0.00, 0.00, 0.00)	GC	UCART1

*** 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 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 1107 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1107 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/6/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Ops CA-91 CO\14635 Ops
CA-91 CO.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT DFAULT CONC
   AVERTIME 1 8
   URBANOPT 3010232 Orange_County
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL "14635 Ops CA-91 CO.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 = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 53.00
** Configuration = Adjacent
** Emission Rate = 4.89
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   404395.595 3746960.389 0.0
   LOCATION L0000002     VOLUME   404442.911 3746936.509 0.0
   LOCATION L0000003     VOLUME   404490.226 3746912.629 0.0
   LOCATION L0000004     VOLUME   404537.541 3746888.749 0.0
```

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LOCATION L0000005     VOLUME   404584.857 3746864.869 0.0
LOCATION L0000006     VOLUME   404632.172 3746840.990 0.0
LOCATION L0000007     VOLUME   404679.488 3746817.110 0.0
LOCATION L0000008     VOLUME   404727.297 3746794.277 0.0
LOCATION L0000009     VOLUME   404775.833 3746772.989 0.0
LOCATION L0000010     VOLUME   404824.427 3746751.831 0.0
LOCATION L0000011     VOLUME   404873.874 3746732.908 0.0
LOCATION L0000012     VOLUME   404924.243 3746716.416 0.0
LOCATION L0000013     VOLUME   404975.439 3746702.855 0.0
LOCATION L0000014     VOLUME   405026.992 3746690.555 0.0
LOCATION L0000015     VOLUME   405078.545 3746678.256 0.0
LOCATION L0000016     VOLUME   405130.664 3746668.832 0.0
LOCATION L0000017     VOLUME   405183.039 3746660.718 0.0
LOCATION L0000018     VOLUME   405235.717 3746655.526 0.0
LOCATION L0000019     VOLUME   405288.643 3746652.722 0.0
LOCATION L0000020     VOLUME   405341.591 3746650.677 0.0
LOCATION L0000021     VOLUME   405394.590 3746650.389 0.0
LOCATION L0000022     VOLUME   405447.589 3746650.100 0.0
LOCATION L0000023     VOLUME   405500.588 3746649.812 0.0
LOCATION L0000024     VOLUME   405553.587 3746649.524 0.0
LOCATION L0000025     VOLUME   405606.587 3746649.235 0.0
LOCATION L0000026     VOLUME   405659.586 3746648.947 0.0
LOCATION L0000027     VOLUME   405712.585 3746648.658 0.0
LOCATION L0000028     VOLUME   405765.584 3746648.370 0.0
LOCATION L0000029     VOLUME   405818.584 3746648.081 0.0
LOCATION L0000030     VOLUME   405871.583 3746647.793 0.0
LOCATION L0000031     VOLUME   405924.582 3746647.612 0.0
LOCATION L0000032     VOLUME   405977.582 3746647.612 0.0
LOCATION L0000033     VOLUME   406030.582 3746647.612 0.0
LOCATION L0000034     VOLUME   406083.582 3746647.612 0.0
LOCATION L0000035     VOLUME   406136.582 3746647.612 0.0
LOCATION L0000036     VOLUME   406189.582 3746647.612 0.0
LOCATION L0000037     VOLUME   406242.582 3746647.612 0.0
LOCATION L0000038     VOLUME   406295.582 3746647.548 0.0
LOCATION L0000039     VOLUME   406348.581 3746647.292 0.0
LOCATION L0000040     VOLUME   406401.581 3746647.036 0.0
LOCATION L0000041     VOLUME   406454.580 3746646.780 0.0
LOCATION L0000042     VOLUME   406507.580 3746646.524 0.0
LOCATION L0000043     VOLUME   406560.579 3746646.268 0.0
LOCATION L0000044     VOLUME   406613.578 3746646.012 0.0
LOCATION L0000045     VOLUME   406666.578 3746645.756 0.0
LOCATION L0000046     VOLUME   406719.577 3746645.500 0.0
LOCATION L0000047     VOLUME   406772.577 3746645.244 0.0
LOCATION L0000048     VOLUME   406825.576 3746644.988 0.0
LOCATION L0000049     VOLUME   406878.575 3746644.732 0.0
LOCATION L0000050     VOLUME   406931.575 3746644.476 0.0
LOCATION L0000051     VOLUME   406984.574 3746644.326 0.0
LOCATION L0000052     VOLUME   407037.574 3746644.183 0.0
LOCATION L0000053     VOLUME   407090.574 3746644.040 0.0
LOCATION L0000054     VOLUME   407143.574 3746643.898 0.0
LOCATION L0000055     VOLUME   407196.574 3746643.755 0.0
LOCATION L0000056     VOLUME   407249.574 3746643.612 0.0
LOCATION L0000057     VOLUME   407302.573 3746643.470 0.0
LOCATION L0000058     VOLUME   407355.573 3746643.327 0.0
LOCATION L0000059     VOLUME   407408.573 3746643.184 0.0
LOCATION L0000060     VOLUME   407461.573 3746643.042 0.0
LOCATION L0000061     VOLUME   407514.573 3746642.899 0.0
LOCATION L0000062     VOLUME   407567.572 3746642.756 0.0
LOCATION L0000063     VOLUME   407620.572 3746642.614 0.0
LOCATION L0000064     VOLUME   407673.572 3746642.471 0.0
LOCATION L0000065     VOLUME   407726.572 3746642.328 0.0
LOCATION L0000066     VOLUME   407779.572 3746642.186 0.0
LOCATION L0000067     VOLUME   407832.571 3746642.043 0.0
LOCATION L0000068     VOLUME   407885.571 3746642.192 0.0
LOCATION L0000069     VOLUME   407938.571 3746642.369 0.0
LOCATION L0000070     VOLUME   407991.571 3746642.545 0.0
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   LOCATION L0000071     VOLUME   408044.570 3746642.721 0.0
   LOCATION L0000072     VOLUME   408097.570 3746642.897 0.0
   LOCATION L0000073     VOLUME   408150.570 3746643.073 0.0
   LOCATION L0000074     VOLUME   408203.569 3746643.249 0.0
   LOCATION L0000075     VOLUME   408256.569 3746643.425 0.0
   LOCATION L0000076     VOLUME   408309.569 3746643.602 0.0
   LOCATION L0000077     VOLUME   408362.568 3746643.778 0.0
   LOCATION L0000078     VOLUME   408415.568 3746643.954 0.0
   LOCATION L0000079     VOLUME   408468.568 3746644.130 0.0
   LOCATION L0000080     VOLUME   408521.568 3746644.306 0.0
   LOCATION L0000081     VOLUME   408574.567 3746644.482 0.0
   LOCATION L0000082     VOLUME   408627.567 3746644.659 0.0
   LOCATION L0000083     VOLUME   408680.567 3746644.835 0.0
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000002     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000003     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000004     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000005     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000006     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000007     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000008     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000009     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000010     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000011     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000012     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000013     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000014     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000015     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000016     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000017     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000018     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000019     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000020     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000021     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000022     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000023     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000024     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000025     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000026     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000027     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000028     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000029     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000030     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000031     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000032     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000033     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000034     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000035     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000036     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000037     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000038     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000039     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000040     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000041     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000042     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000043     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000044     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000045     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000046     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000047     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000048     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000049     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000050     0.0589156627      3.49     24.65      3.25
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   SRCPARAM L0000051     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000052     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000053     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000054     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000055     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000056     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000057     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000058     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000059     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000060     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000061     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000062     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000063     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000064     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000065     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000066     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000067     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000068     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000069     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000070     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000071     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000072     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000073     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000074     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000075     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000076     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000077     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000078     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000079     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000080     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000081     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000082     0.0589156627      3.49     24.65      3.25
   SRCPARAM L0000083     0.0589156627      3.49     24.65      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                   XYINC 404203.57 95 50.00 3746259.46 20 50.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00

HILL	7	0.00	0.00	0.00	0.00	0.00	0.00

HILL	11	0.00	0.00	0.00	0.00	0.00	0.00

HILL	15	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00
                    HILL   20     0.00
```

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


   ********   WARNING MESSAGES   ********
 ME W186     897       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     897       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:33:44

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    83 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: CO

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

 **This Run Includes:     83 Source(s);       1 Source Group(s); and    1900 Receptor(s)

                 with:      0 POINT(s), including
                            0 POINTCAP(s) and      0 POINTHOR(s)
                  and:     83 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:  16216
```

**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) = 29.00 ; 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:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 Ops CA-91
CO.err
**File for Summary of Results: 14635 Ops CA-91
CO.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000001	0	0.58916E-01	404395.6	3746960.4	0.0	3.49	24.65	3.25	YES
L0000002	0	0.58916E-01	404442.9	3746936.5	0.0	3.49	24.65	3.25	YES
L0000003	0	0.58916E-01	404490.2	3746912.6	0.0	3.49	24.65	3.25	YES
L0000004	0	0.58916E-01	404537.5	3746888.7	0.0	3.49	24.65	3.25	YES
L0000005	0	0.58916E-01	404584.9	3746864.9	0.0	3.49	24.65	3.25	YES
L0000006	0	0.58916E-01	404632.2	3746841.0	0.0	3.49	24.65	3.25	YES
L0000007	0	0.58916E-01	404679.5	3746817.1	0.0	3.49	24.65	3.25	YES
L0000008	0	0.58916E-01	404727.3	3746794.3	0.0	3.49	24.65	3.25	YES
L0000009	0	0.58916E-01	404775.8	3746773.0	0.0	3.49	24.65	3.25	YES
L0000010	0	0.58916E-01	404824.4	3746751.8	0.0	3.49	24.65	3.25	

YES
L0000011 0 0.58916E-01 404873.9 3746732.9 0.0 3.49 24.65 3.25
YES
L0000012 0 0.58916E-01 404924.2 3746716.4 0.0 3.49 24.65 3.25
YES
L0000013 0 0.58916E-01 404975.4 3746702.9 0.0 3.49 24.65 3.25
YES
L0000014 0 0.58916E-01 405027.0 3746690.6 0.0 3.49 24.65 3.25
YES
L0000015 0 0.58916E-01 405078.5 3746678.3 0.0 3.49 24.65 3.25
YES
L0000016 0 0.58916E-01 405130.7 3746668.8 0.0 3.49 24.65 3.25
YES
L0000017 0 0.58916E-01 405183.0 3746660.7 0.0 3.49 24.65 3.25
YES
L0000018 0 0.58916E-01 405235.7 3746655.5 0.0 3.49 24.65 3.25
YES
L0000019 0 0.58916E-01 405288.6 3746652.7 0.0 3.49 24.65 3.25
YES
L0000020 0 0.58916E-01 405341.6 3746650.7 0.0 3.49 24.65 3.25
YES
L0000021 0 0.58916E-01 405394.6 3746650.4 0.0 3.49 24.65 3.25
YES
L0000022 0 0.58916E-01 405447.6 3746650.1 0.0 3.49 24.65 3.25
YES
L0000023 0 0.58916E-01 405500.6 3746649.8 0.0 3.49 24.65 3.25
YES
L0000024 0 0.58916E-01 405553.6 3746649.5 0.0 3.49 24.65 3.25
YES
L0000025 0 0.58916E-01 405606.6 3746649.2 0.0 3.49 24.65 3.25
YES
L0000026 0 0.58916E-01 405659.6 3746648.9 0.0 3.49 24.65 3.25
YES
L0000027 0 0.58916E-01 405712.6 3746648.7 0.0 3.49 24.65 3.25
YES
L0000028 0 0.58916E-01 405765.6 3746648.4 0.0 3.49 24.65 3.25
YES
L0000029 0 0.58916E-01 405818.6 3746648.1 0.0 3.49 24.65 3.25
YES
L0000030 0 0.58916E-01 405871.6 3746647.8 0.0 3.49 24.65 3.25
YES
L0000031 0 0.58916E-01 405924.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000032 0 0.58916E-01 405977.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000033 0 0.58916E-01 406030.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000034 0 0.58916E-01 406083.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000035 0 0.58916E-01 406136.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000036 0 0.58916E-01 406189.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000037 0 0.58916E-01 406242.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000038 0 0.58916E-01 406295.6 3746647.5 0.0 3.49 24.65 3.25
YES
L0000039 0 0.58916E-01 406348.6 3746647.3 0.0 3.49 24.65 3.25
YES
L0000040 0 0.58916E-01 406401.6 3746647.0 0.0 3.49 24.65 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000041	0	0.58916E-01	406454.6	3746646.8	0.0	3.49	24.65	3.25
YES								
L0000042	0	0.58916E-01	406507.6	3746646.5	0.0	3.49	24.65	3.25
YES								
L0000043	0	0.58916E-01	406560.6	3746646.3	0.0	3.49	24.65	3.25
YES								
L0000044	0	0.58916E-01	406613.6	3746646.0	0.0	3.49	24.65	3.25
YES								
L0000045	0	0.58916E-01	406666.6	3746645.8	0.0	3.49	24.65	3.25
YES								
L0000046	0	0.58916E-01	406719.6	3746645.5	0.0	3.49	24.65	3.25
YES								
L0000047	0	0.58916E-01	406772.6	3746645.2	0.0	3.49	24.65	3.25
YES								
L0000048	0	0.58916E-01	406825.6	3746645.0	0.0	3.49	24.65	3.25
YES								
L0000049	0	0.58916E-01	406878.6	3746644.7	0.0	3.49	24.65	3.25
YES								
L0000050	0	0.58916E-01	406931.6	3746644.5	0.0	3.49	24.65	3.25
YES								
L0000051	0	0.58916E-01	406984.6	3746644.3	0.0	3.49	24.65	3.25
YES								
L0000052	0	0.58916E-01	407037.6	3746644.2	0.0	3.49	24.65	3.25
YES								
L0000053	0	0.58916E-01	407090.6	3746644.0	0.0	3.49	24.65	3.25
YES								
L0000054	0	0.58916E-01	407143.6	3746643.9	0.0	3.49	24.65	3.25
YES								
L0000055	0	0.58916E-01	407196.6	3746643.8	0.0	3.49	24.65	3.25
YES								
L0000056	0	0.58916E-01	407249.6	3746643.6	0.0	3.49	24.65	3.25
YES								
L0000057	0	0.58916E-01	407302.6	3746643.5	0.0	3.49	24.65	3.25
YES								
L0000058	0	0.58916E-01	407355.6	3746643.3	0.0	3.49	24.65	3.25
YES								
L0000059	0	0.58916E-01	407408.6	3746643.2	0.0	3.49	24.65	3.25
YES								
L0000060	0	0.58916E-01	407461.6	3746643.0	0.0	3.49	24.65	3.25
YES								
L0000061	0	0.58916E-01	407514.6	3746642.9	0.0	3.49	24.65	3.25
YES								
L0000062	0	0.58916E-01	407567.6	3746642.8	0.0	3.49	24.65	3.25
YES								
L0000063	0	0.58916E-01	407620.6	3746642.6	0.0	3.49	24.65	3.25
YES								
L0000064	0	0.58916E-01	407673.6	3746642.5	0.0	3.49	24.65	3.25
YES								
L0000065	0	0.58916E-01	407726.6	3746642.3	0.0	3.49	24.65	3.25
YES								
L0000066	0	0.58916E-01	407779.6	3746642.2	0.0	3.49	24.65	3.25

```
 YES
 L0000067         0   0.58916E-01  407832.6 3746642.0     0.0     3.49    24.65     3.25
 YES
 L0000068         0   0.58916E-01  407885.6 3746642.2     0.0     3.49    24.65     3.25
 YES
 L0000069         0   0.58916E-01  407938.6 3746642.4     0.0     3.49    24.65     3.25
 YES
 L0000070         0   0.58916E-01  407991.6 3746642.5     0.0     3.49    24.65     3.25
 YES
 L0000071         0   0.58916E-01  408044.6 3746642.7     0.0     3.49    24.65     3.25
 YES
 L0000072         0   0.58916E-01  408097.6 3746642.9     0.0     3.49    24.65     3.25
 YES
 L0000073         0   0.58916E-01  408150.6 3746643.1     0.0     3.49    24.65     3.25
 YES
 L0000074         0   0.58916E-01  408203.6 3746643.2     0.0     3.49    24.65     3.25
 YES
 L0000075         0   0.58916E-01  408256.6 3746643.4     0.0     3.49    24.65     3.25
 YES
 L0000076         0   0.58916E-01  408309.6 3746643.6     0.0     3.49    24.65     3.25
 YES
 L0000077         0   0.58916E-01  408362.6 3746643.8     0.0     3.49    24.65     3.25
 YES
 L0000078         0   0.58916E-01  408415.6 3746644.0     0.0     3.49    24.65     3.25
 YES
 L0000079         0   0.58916E-01  408468.6 3746644.1     0.0     3.49    24.65     3.25
 YES
 L0000080         0   0.58916E-01  408521.6 3746644.3     0.0     3.49    24.65     3.25
 YES
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:33:44

                     PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS)  (METERS)  (METERS)  (METERS)  (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - -

 L0000081         0   0.58916E-01  408574.6 3746644.5     0.0     3.49    24.65     3.25
 YES
 L0000082         0   0.58916E-01  408627.6 3746644.7     0.0     3.49    24.65     3.25
 YES
 L0000083         0   0.58916E-01  408680.6 3746644.8     0.0     3.49    24.65     3.25
 YES
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:33:44

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
```

SRCGROUP ID SOURCE IDs

ALL L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,

L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,

L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,

L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,

L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID URBAN POP SOURCE IDs

3010232. L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,

L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,

L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,

L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,

L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,

L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 ,
L0000047 , L0000048 ,

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

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- - - -
```

0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405853.57	405903.57	405953.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
406303.57	406353.57	406403.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406453.57	406503.57	406553.57	406603.57	406653.57	406703.57	406753.57	406803.57	406853.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
	407203.57	407253.57	407303.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407803.57	407853.57	407903.57	407953.57	408003.57	408053.57	408103.57	408153.57	408203.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)

(METERS) | 408253.57 408303.57 408353.57 408403.57 408453.57 408503.57
408553.57 408603.57 408653.57

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57 408853.57 408903.57

3747209.46 | 0.00 0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00

3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57	404503.57	404553.57	404603.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
	404953.57	405003.57	405053.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57	405403.57	405453.57	405503.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
405853.57	405903.57	405953.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
406303.57	406353.57	406403.57				

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406453.57	406503.57	406553.57	406603.57	406653.57	406703.57	406753.57	406803.57	406853.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Y-COORD (METERS)	X-COORD (METERS) 406453.57	406503.57	406553.57	406603.57	406653.57	406703.57	406753.57	406803.57	406853.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
	407203.57	407253.57	407303.57			

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
	407653.57	407703.57	407753.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408103.57	408153.57	408203.57			

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408253.57	408303.57	408353.57	408403.57	408453.57	408503.57	408553.57	408603.57	408653.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28

L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14
L0000004	404553.6	3746859.5	-19.61
L0000004	404503.6	3746909.5	-13.21
L0000004	404553.6	3746909.5	-26.81
L0000005	404553.6	3746859.5	-21.25
L0000005	404603.6	3746859.5	-33.52
L0000005	404603.6	3746909.5	-4.64
L0000006	404603.6	3746809.5	-10.43
L0000006	404653.6	3746809.5	-14.89
L0000006	404603.6	3746859.5	-18.95
L0000006	404653.6	3746859.5	-24.73
L0000007	404653.6	3746809.5	-25.97
L0000007	404703.6	3746809.5	-27.73
L0000007	404653.6	3746859.5	-3.35
L0000007	404703.6	3746859.5	-4.28
L0000008	404703.6	3746759.5	-10.86
L0000008	404753.6	3746759.5	-9.38
L0000008	404703.6	3746809.5	-24.83
L0000008	404753.6	3746809.5	-22.65
L0000009	404753.6	3746759.5	-26.95
L0000009	404803.6	3746759.5	-22.14
L0000009	404753.6	3746809.5	-10.27
L0000009	404803.6	3746809.5	-7.18
L0000010	404803.6	3746709.5	-5.77
L0000010	404853.6	3746709.5	-1.57
L0000010	404803.6	3746759.5	-30.79
L0000010	404853.6	3746759.5	-22.87
L0000011	404853.6	3746709.5	-21.98
L0000011	404903.6	3746709.5	-15.16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000011	404853.6	3746759.5	-19.57
L0000011	404903.6	3746759.5	-13.16
L0000012	404903.6	3746709.5	-31.19
L0000012	404953.6	3746709.5	-22.86
L0000012	404903.6	3746759.5	-5.25
L0000012	404953.6	3746759.5	-0.91
L0000013	404953.6	3746659.5	-4.40
L0000013	405003.6	3746659.5	-1.28
L0000013	404953.6	3746709.5	-30.15
L0000013	405003.6	3746709.5	-24.10
L0000014	405003.6	3746659.5	-14.07
L0000014	405053.6	3746659.5	-12.09
L0000014	405003.6	3746709.5	-22.90
L0000014	405053.6	3746709.5	-20.38
L0000015	405053.6	3746659.5	-21.74
L0000015	405103.6	3746659.5	-21.70
L0000015	405053.6	3746709.5	-13.03
L0000015	405103.6	3746709.5	-13.00
L0000016	405103.6	3746659.5	-24.33

L0000016	405153.6	3746659.5	-28.25
L0000016	405103.6	3746709.5	-4.16
L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000023	405503.6	3746609.5	-12.54
L0000023	405453.6	3746659.5	-5.00
L0000023	405503.6	3746659.5	-42.90
L0000023	405553.6	3746659.5	0.86
L0000024	405553.6	3746609.5	-12.93
L0000024	405503.6	3746659.5	-2.00
L0000024	405553.6	3746659.5	-43.06
L0000024	405603.6	3746659.5	-2.04
L0000025	405603.6	3746609.5	-13.11
L0000025	405603.6	3746659.5	-42.34
L0000025	405653.6	3746659.5	-4.91
L0000026	405653.6	3746609.5	-13.05
L0000026	405653.6	3746659.5	-40.88
L0000026	405703.6	3746659.5	-7.77
L0000027	405703.6	3746609.5	-12.78
L0000027	405703.6	3746659.5	-38.93
L0000027	405753.6	3746659.5	-10.61
L0000028	405753.6	3746609.5	-12.27
L0000028	405753.6	3746659.5	-36.65
L0000028	405803.6	3746659.5	-13.43
L0000029	405803.6	3746609.5	-11.56
L0000029	405853.6	3746609.5	-0.89
L0000029	405803.6	3746659.5	-34.16
L0000029	405853.6	3746659.5	-16.21
L0000030	405853.6	3746609.5	-10.64
L0000030	405903.6	3746609.5	-3.07
L0000030	405853.6	3746659.5	-31.54
L0000030	405903.6	3746659.5	-18.95

L0000031	405903.6	3746609.5	-9.44
L0000031	405953.6	3746609.5	-5.08
L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	406053.6	3746609.5	-4.46
L0000034	406103.6	3746609.5	-9.93
L0000034	406053.6	3746659.5	-20.73
L0000034	406103.6	3746659.5	-29.76
L0000035	406103.6	3746609.5	-2.55
L0000035	406153.6	3746609.5	-11.23
L0000035	406103.6	3746659.5	-17.92
L0000035	406153.6	3746659.5	-32.29
L0000036	406153.6	3746609.5	-0.53
L0000036	406203.6	3746609.5	-12.36
L0000036	406153.6	3746659.5	-15.09
L0000036	406203.6	3746659.5	-34.67
L0000037	406253.6	3746609.5	-13.29
L0000037	406203.6	3746659.5	-12.23
L0000037	406253.6	3746659.5	-36.84
L0000038	406303.6	3746609.5	-14.08
L0000038	406253.6	3746659.5	-9.33
L0000038	406303.6	3746659.5	-38.66
L0000039	406353.6	3746609.5	-14.84
L0000039	406303.6	3746659.5	-6.37
L0000039	406353.6	3746659.5	-39.85
L0000040	406403.6	3746609.5	-15.37
L0000040	406353.6	3746659.5	-3.41
L0000040	406403.6	3746659.5	-40.42
L0000040	406453.6	3746659.5	0.46
L0000041	406453.6	3746609.5	-15.66
L0000041	406403.6	3746659.5	-0.44
L0000041	406453.6	3746659.5	-40.28
L0000041	406503.6	3746659.5	-2.39
L0000042	406503.6	3746609.5	-15.72
L0000042	406503.6	3746659.5	-39.45
L0000042	406553.6	3746659.5	-5.22
L0000043	406553.6	3746609.5	-15.53
L0000043	406553.6	3746659.5	-38.06
L0000043	406603.6	3746659.5	-8.03
L0000044	406603.6	3746609.5	-15.10
L0000044	406603.6	3746659.5	-36.23

L0000044	406653.6	3746659.5	-10.80
L0000045	406653.6	3746609.5	-14.44
L0000045	406703.6	3746609.5	-1.17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000045	406653.6	3746659.5	-34.10
L0000045	406703.6	3746659.5	-13.55
L0000046	406703.6	3746609.5	-13.56
L0000046	406753.6	3746609.5	-3.46
L0000046	406703.6	3746659.5	-31.76
L0000046	406753.6	3746659.5	-16.25
L0000047	406753.6	3746609.5	-12.48
L0000047	406803.6	3746609.5	-5.66
L0000047	406753.6	3746659.5	-29.26
L0000047	406803.6	3746659.5	-18.90
L0000048	406803.6	3746609.5	-11.21
L0000048	406853.6	3746609.5	-7.77
L0000048	406803.6	3746659.5	-26.66
L0000048	406853.6	3746659.5	-21.48
L0000049	406853.6	3746609.5	-9.76
L0000049	406903.6	3746609.5	-9.77
L0000049	406853.6	3746659.5	-23.98
L0000049	406903.6	3746659.5	-23.99
L0000050	406903.6	3746609.5	-8.16
L0000050	406953.6	3746609.5	-11.65
L0000050	406903.6	3746659.5	-21.24
L0000050	406953.6	3746659.5	-26.38
L0000051	406953.6	3746609.5	-6.34
L0000051	407003.6	3746609.5	-13.29
L0000051	406953.6	3746659.5	-18.50
L0000051	407003.6	3746659.5	-28.71
L0000052	407003.6	3746609.5	-4.40
L0000052	407053.6	3746609.5	-14.77
L0000052	407003.6	3746659.5	-15.72
L0000052	407053.6	3746659.5	-30.88
L0000053	407053.6	3746609.5	-2.35
L0000053	407103.6	3746609.5	-16.06
L0000053	407053.6	3746659.5	-12.91
L0000053	407103.6	3746659.5	-32.83
L0000054	407103.6	3746609.5	-0.21
L0000054	407153.6	3746609.5	-17.14
L0000054	407103.6	3746659.5	-10.07
L0000054	407153.6	3746659.5	-34.50
L0000055	407203.6	3746609.5	-18.00
L0000055	407153.6	3746659.5	-7.22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID - - RECEPTOR LOCATION - - XR (METERS) YR (METERS) DISTANCE (METERS)

SOURCE ID	XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000066	407753.6	3746659.5	-21.78
L0000066	407803.6	3746659.5	-23.43
L0000067	407803.6	3746609.5	-9.38
L0000067	407853.6	3746609.5	-14.23
L0000067	407803.6	3746659.5	-19.17
L0000067	407853.6	3746659.5	-25.72
L0000068	407853.6	3746609.5	-7.22
L0000068	407903.6	3746609.5	-15.64
L0000068	407853.6	3746659.5	-16.63
L0000068	407903.6	3746659.5	-28.05
L0000069	407903.6	3746609.5	-4.96
L0000069	407953.6	3746609.5	-16.83
L0000069	407903.6	3746659.5	-14.05
L0000069	407953.6	3746659.5	-30.26
L0000070	407953.6	3746609.5	-2.61
L0000070	408003.6	3746609.5	-17.80
L0000070	407953.6	3746659.5	-11.40
L0000070	408003.6	3746659.5	-32.26
L0000071	408003.6	3746609.5	-0.20
L0000071	408053.6	3746609.5	-18.54
L0000071	408003.6	3746659.5	-8.71
L0000071	408053.6	3746659.5	-33.99
L0000072	408103.6	3746609.5	-19.03
L0000072	408053.6	3746659.5	-5.98
L0000072	408103.6	3746659.5	-35.38
L0000073	408153.6	3746609.5	-19.25
L0000073	408103.6	3746659.5	-3.22
L0000073	408153.6	3746659.5	-36.34
L0000074	408203.6	3746609.5	-19.21
L0000074	408153.6	3746659.5	-0.44
L0000074	408203.6	3746659.5	-36.79
L0000074	408253.6	3746659.5	-0.43
L0000075	408253.6	3746609.5	-18.90
L0000075	408253.6	3746659.5	-36.68
L0000075	408303.6	3746659.5	-3.34
L0000076	408303.6	3746609.5	-18.33
L0000076	408303.6	3746659.5	-36.04
L0000076	408353.6	3746659.5	-6.23
L0000077	408353.6	3746609.5	-17.52
L0000077	408403.6	3746609.5	0.47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22

L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55
L0000079	408503.6	3746659.5	-14.79
L0000080	408503.6	3746609.5	-13.78
L0000080	408553.6	3746609.5	-5.69
L0000080	408503.6	3746659.5	-29.47
L0000080	408553.6	3746659.5	-17.59
L0000081	408553.6	3746609.5	-12.16
L0000081	408603.6	3746609.5	-7.53
L0000081	408553.6	3746659.5	-27.21
L0000081	408603.6	3746659.5	-20.36
L0000082	408603.6	3746609.5	-10.40
L0000082	408653.6	3746609.5	-9.24
L0000082	408603.6	3746659.5	-24.80
L0000082	408653.6	3746659.5	-23.08
L0000083	408653.6	3746609.5	-8.50
L0000083	408703.6	3746609.5	-10.80
L0000083	408653.6	3746659.5	-22.29
L0000083	408703.6	3746659.5	-25.74

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC Met
Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62				

```
 306.   10.1  284.9    2.0
 12 01 01   1 24   -3.6  0.087 -9.000 -9.000 -999.   62.     16.6  0.26   2.61   1.00    0.82
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:33:44

                     PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       404203.57              404253.57              404303.57
  404353.57              404403.57
- - - -
```

3746559.5 | 11.51711 (12052806) 12.68484 (12052806) 14.00105 (12052806)
15.47162 (12052806) 17.09880 (12052806)
3746509.5 | 10.82767 (12052806) 11.81543 (12052806) 12.91119 (12052806)
14.11739 (12052806) 15.43404 (12052806)
3746459.5 | 10.20098 (12052806) 11.04542 (12052806) 11.97015 (12052806)
12.97582 (12052806) 14.06132 (12052806)
3746409.5 | 9.63080 (12052806) 10.35942 (12052806) 11.14883 (12052806)
11.99870 (12052806) 12.90741 (12052806)
3746359.5 | 9.11103 (12052806) 9.74488 (12052806) 10.42543 (12052806)
11.15186 (12052806) 11.92237 (12052806)
3746309.5 | 8.63610 (12052806) 9.19152 (12052806) 9.78327 (12052806)
10.41030 (12052806) 11.07080 (12052806)
3746259.5 | 8.20104 (12052806) 8.69090 (12052806) 9.20934 (12052806)
9.75521 (12052806) 10.32680 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	404453.57	404503.57	404553.57	404603.57	404653.57
3747209.5	16.92129 (12052806)	17.49512 (12052806)	17.80908 (12052806)	17.92261 (12052806)	17.89812 (12052806)
3747159.5	20.44597 (12052806)	21.04180 (12052806)	21.21016 (12052806)	21.10027 (12052806)	20.83240 (12052806)
3747109.5	26.13052 (12052806)	26.50763 (12052806)	26.19597 (12052806)	25.55894 (12052806)	24.80417 (12052806)
3747059.5	36.88215 (14120316)	35.80672 (12052806)	34.01852 (12052806)	32.14031 (12052806)	30.40173 (12052806)
3747009.5	64.60869 (14120316)	53.98614 (12052806)	47.51850 (12052806)	42.58253 (12052806)	38.75974 (12052806)
3746959.5	78.43645 (13052506)	67.92295 (12052806)	75.36134 (12052806)	61.41990 (12052806)	52.51486 (12052806)
3746909.5	75.21104 (13052506)	68.47974 (13052506)	88.75689 (12052806)	74.47183 (12052806)	80.08044 (12052806)
3746859.5	77.90857 (12052806)	78.92828 (12052806)	78.43824 (13052506)	71.79612 (13052506)	63.74557 (12052806)
3746809.5	49.60116 (12052806)	64.00672 (12052806)	85.29362 (12052806)	82.16793 (12052806)	79.85979 (13052506)
3746759.5	36.94706 (12052806)	44.73862 (12052806)	54.58537 (12052806)	67.95874 (12052806)	88.22585 (12052806)
3746709.5	29.66604 (12052806)	34.62318 (12052806)	40.46835 (12052806)	47.57270 (12052806)	56.57387 (12052806)

3746659.5 | 24.87886 (12052806) 28.32585 (12052806) 32.23259 (12052806)
36.71341 (12052806) 41.94327 (12052806)
3746609.5 | 21.46140 (12052806) 23.99815 (12052806) 26.79950 (12052806)
29.90194 (12052806) 33.35856 (12052806)
3746559.5 | 18.88302 (12052806) 20.82555 (12052806) 22.93109 (12052806)
25.20907 (12052806) 27.67319 (12052806)
3746509.5 | 16.85952 (12052806) 18.39176 (12052806) 20.02924 (12052806)
21.77147 (12052806) 23.61847 (12052806)
3746459.5 | 15.22417 (12052806) 16.46106 (12052806) 17.76826 (12052806)
19.14182 (12052806) 20.57722 (12052806)
3746409.5 | 13.87222 (12052806) 14.88953 (12052806) 15.95507 (12052806)
17.06397 (12052806) 18.21061 (12052806)
3746359.5 | 12.73426 (12052806) 13.58405 (12052806) 14.46761 (12052806)
15.38018 (12052806) 16.31633 (12052806)
3746309.5 | 11.76226 (12052806) 12.48150 (12052806) 13.22479 (12052806)
13.98783 (12052806) 14.76580 (12052806)
3746259.5 | 10.92183 (12052806) 11.53750 (12052806) 12.17052 (12052806)
12.81717 (12052806) 13.47331 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	404703.57	404753.57	404803.57	404853.57	404903.57
3747209.5	17.78716 (12052806)	17.62778 (12052806)	17.44640 (12052806)	17.26062 (12052806)	17.08169 (12052806)
3747159.5	20.48788 (12052806)	20.11760 (12052806)	19.75203 (12052806)	19.40857 (12052806)	19.09641 (12052806)
3747109.5	24.03878 (12052806)	23.31536 (12052806)	22.65776 (12052806)	22.07466 (12052806)	21.56677 (12052806)
3747059.5	28.86718 (12052806)	27.54304 (12052806)	26.41486 (12052806)	25.46164 (12052806)	24.66158 (12052806)
3747009.5	35.75430 (12052806)	33.36485 (12052806)	31.44907 (12052806)	29.90384 (12052806)	28.65331 (12052806)
3746959.5	46.36115 (12052806)	41.90226 (12052806)	38.56399 (12052806)	36.00699 (12052806)	34.02010 (12052806)
3746909.5	65.15196 (12052806)	55.83986 (12052806)	49.52854 (12052806)	45.01974 (12052806)	41.70043 (12052806)
3746859.5	78.18740 (12052806)	83.99252 (12052806)	69.30787 (12052806)	60.06354 (12052806)	53.86143 (12052806)
3746809.5	75.74618 (13052506)	65.00242 (12052806)	84.02148 (12052806)	92.14077 (12052806)	77.07514 (12052806)

3746759.5 | 82.40795 (12052806) 81.94932 (13121916) 77.57100 (13052506)
70.90730 (13052506) 65.01584 (12052806)
3746709.5 | 68.55909 (12052806) 85.67257 (12052806) 79.00163 (12052806)
80.56230 (13121916) 81.56546 (13121916)
3746659.5 | 48.17549 (12052806) 55.79284 (12052806) 65.37313 (12052806)
77.66167 (12052806) 93.63703 (12052806)
3746609.5 | 37.23868 (12052806) 41.62658 (12052806) 46.60914 (12052806)
52.24442 (12052806) 58.54154 (12052806)
3746559.5 | 30.33935 (12052806) 33.22153 (12052806) 36.32448 (12052806)
39.63514 (12052806) 43.12201 (12052806)
3746509.5 | 25.56937 (12052806) 27.62009 (12052806) 29.76045 (12052806)
31.97216 (12052806) 34.22996 (12052806)
3746459.5 | 22.06867 (12052806) 23.60806 (12052806) 25.18392 (12052806)
26.78098 (12052806) 28.38088 (12052806)
3746409.5 | 19.38833 (12052806) 20.58897 (12052806) 21.80254 (12052806)
23.01717 (12052806) 24.21947 (12052806)
3746359.5 | 17.26983 (12052806) 18.23354 (12052806) 19.19930 (12052806)
20.15796 (12052806) 21.09965 (12052806)
3746309.5 | 15.55330 (12052806) 16.34436 (12052806) 17.13242 (12052806)
17.91044 (12052806) 18.67100 (12052806)
3746259.5 | 14.13440 (12052806) 14.79554 (12052806) 15.45149 (12052806)
16.09676 (12052806) 16.72572 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	404953.57	405003.57	405053.57	405103.57	405153.57
3747209.5	16.91647 (12052806)	16.76880 (12052806)	16.64052 (12052806)	16.53206 (12052806)	16.44301 (12052806)
3747159.5	18.81969 (12052806)	18.57943 (12052806)	18.37482 (12052806)	18.20397 (12052806)	18.06442 (12052806)
3747109.5	21.13071 (12052806)	20.76114 (12052806)	20.45196 (12052806)	20.19705 (12052806)	19.99050 (12052806)
3747059.5	23.99423 (12052806)	23.44121 (12052806)	22.98649 (12052806)	22.61643 (12052806)	22.31948 (12052806)
3747009.5	27.64000 (12052806)	26.81921 (12052806)	26.15608 (12052806)	25.62369 (12052806)	25.20115 (12052806)
3746959.5	32.46173 (12052806)	31.23096 (12052806)	30.25518 (12052806)	29.48297 (12052806)	28.87765 (12052806)
3746909.5	39.20582 (12052806)	37.29679 (12052806)	35.81576 (12052806)	34.66210 (12052806)	33.77081 (12052806)

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3746859.5 |     49.50681 (12052806)     46.32337 (12052806)     43.92100 (12052806)
42.08533 (12052806)     40.69446 (12052806)
3746809.5 |     67.87453 (12052806)     61.68593 (12052806)     57.21292 (12052806)
53.89890 (12052806)     51.47194 (12052806)
3746759.5 |     84.40578 (12052806)     96.06123 (12052806)     84.52667 (12052806)
76.64298 (12052806)     71.33722 (12052806)
3746709.5 |     77.64246 (13121916)     71.11970 (13121916)     67.60566 (12052806)
66.19273 (12052806)     89.69990 (12052806)
3746659.5 |     81.31222 (12052806)     65.68518 (13121916)     69.13928 (13121916)
70.09227 (13121916)     69.63622 (12052806)
3746609.5 |     65.50130 (12052806)     73.28574 (12052806)     82.25157 (12052806)
92.13163 (12052806)    102.47685 (12052806)
3746559.5 |     46.75141 (12052806)     50.50880 (12052806)     54.36948 (12052806)
58.21657 (12052806)     61.86261 (12052806)
3746509.5 |     36.50634 (12052806)     38.77380 (12052806)     40.99609 (12052806)
43.11543 (12052806)     45.05519 (12052806)
3746459.5 |     29.96349 (12052806)     31.50715 (12052806)     32.98658 (12052806)
34.37079 (12052806)     35.62512 (12052806)
3746409.5 |     25.39500 (12052806)     26.52843 (12052806)     27.60322 (12052806)
28.60171 (12052806)     29.50648 (12052806)
3746359.5 |     22.01396 (12052806)     22.89015 (12052806)     23.71737 (12052806)
24.48494 (12052806)     25.18329 (12052806)
3746309.5 |     19.40651 (12052806)     20.10940 (12052806)     20.77230 (12052806)
21.38845 (12052806)     21.95216 (12052806)
3746259.5 |     17.33275 (12052806)     17.91237 (12052806)     18.45947 (12052806)
18.96954 (12052806)     19.43896 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:33:44

                      PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                 L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       405203.57              405253.57              405303.57
  405353.57              405403.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3747209.5 |     16.37231 (12052806)     16.31854 (12052806)     16.27996 (12052806)
 16.25473 (12052806)     16.24090 (12052806)
 3747159.5 |     17.95334 (12052806)     17.86776 (12052806)     17.80457 (12052806)
 17.76064 (12052806)     17.73292 (12052806)
 3747109.5 |     19.82669 (12052806)     19.70027 (12052806)     19.60607 (12052806)
 19.53913 (12052806)     19.49472 (12052806)
 3747059.5 |     22.08564 (12052806)     21.90599 (12052806)     21.77226 (12052806)
 21.67674 (12052806)     21.61226 (12052806)
 3747009.5 |     24.87165 (12052806)     24.62076 (12052806)     24.43552 (12052806)
 24.30394 (12052806)     24.21511 (12052806)
```

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3746959.5 |     28.41142 (12052806)     28.06122 (12052806)     27.80642 (12052806)
27.62814 (12052806)     27.50931 (12052806)
3746909.5 |     33.09539 (12052806)     32.59776 (12052806)     32.24382 (12052806)
32.00238 (12052806)     31.84553 (12052806)
3746859.5 |     39.66446 (12052806)     38.92661 (12052806)     38.41909 (12052806)
38.08600 (12052806)     37.87853 (12052806)
3746809.5 |     49.73869 (12052806)     48.54893 (12052806)     47.76959 (12052806)
47.28609 (12052806)     47.00462 (12052806)
3746759.5 |     67.77412 (12052806)     65.49929 (12052806)     64.11060 (12052806)
63.31080 (12052806)     62.89953 (12052806)
3746709.5 |     84.41948 (12052806)    106.35658 (12052806)    102.73138 (12052806)
100.73357 (12052806)    100.04204 (12052806)
3746659.5 |     70.90742 (16112016)     75.19211 (16112016)     77.79233 (16112016)
79.95624 (16112016)     82.05087 (16112016)
3746609.5 |    112.25532 (12052806)     87.90330 (12052806)     89.12692 (12052806)
89.06195 (12052806)     89.05152 (12052806)
3746559.5 |     65.05378 (12052806)     67.56025 (12052806)     69.36919 (12052806)
70.56990 (12052806)     71.28292 (12052806)
3746509.5 |     46.73403 (12052806)     48.09523 (12052806)     49.13500 (12052806)
49.89053 (12052806)     50.42384 (12052806)
3746459.5 |     36.71790 (12052806)     37.63009 (12052806)     38.36204 (12052806)
38.93185 (12052806)     39.36933 (12052806)
3746409.5 |     30.30333 (12052806)     30.98473 (12052806)     31.55205 (12052806)
32.01501 (12052806)     32.38920 (12052806)
3746359.5 |     25.80528 (12052806)     26.34763 (12052806)     26.81163 (12052806)
27.20297 (12052806)     27.53048 (12052806)
3746309.5 |     22.45950 (12052806)     22.90885 (12052806)     23.30126 (12052806)
23.64022 (12052806)     23.93107 (12052806)
3746259.5 |     19.86535 (12052806)     20.24785 (12052806)     20.58721 (12052806)
20.88567 (12052806)     21.14662 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        14:33:44

                    PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP:  ALL      ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                               L0000003    , L0000004    , L0000005    ,
               L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
               L0000011    , L0000012    , L0000013    ,
               L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
               L0000019    , L0000020    , L0000021    ,
               L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
               L0000027    , L0000028    ,  . . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       405453.57              405503.57              405553.57
  405603.57              405653.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.5 |     16.23657 (12052806)     16.23991 (12052806)     16.24925 (12052806)
 16.26310 (12052806)     16.28016 (12052806)
 3747159.5 |     17.71849 (12052806)     17.71467 (12052806)     17.71906 (12052806)
 17.72958 (12052806)     17.74448 (12052806)
 3747109.5 |     19.46851 (12052806)     19.45657 (12052806)     19.45552 (12052806)
 19.46250 (12052806)     19.47517 (12052806)
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3747059.5 |     21.57234 (12052806)     21.55132 (12052806)     21.54440 (12052806)
21.54767 (12052806)     21.55806 (12052806)
3747009.5 |     24.15930 (12052806)     24.12821 (12052806)     24.11506 (12052806)
24.11451 (12052806)     24.12255 (12052806)
3746959.5 |     27.43499 (12052806)     27.39284 (12052806)     27.37312 (12052806)
27.36857 (12052806)     27.37397 (12052806)
3746909.5 |     31.74945 (12052806)     31.69510 (12052806)     31.66829 (12052806)
31.65912 (12052806)     31.66096 (12052806)
3746859.5 |     37.75609 (12052806)     37.68774 (12052806)     37.65232 (12052806)
37.63638 (12052806)     37.63177 (12052806)
3746809.5 |     46.84770 (12052806)     46.76050 (12052806)     46.71062 (12052806)
46.68047 (12052806)     46.66067 (12052806)
3746759.5 |     62.68670 (12052806)     62.55980 (12052806)     62.47025 (12052806)
62.39747 (12052806)     62.33220 (12052806)
3746709.5 |     99.67454 (12052806)     99.37914 (12052806)     99.09804 (12052806)
98.81467 (12052806)     98.52549 (12052806)
3746659.5 |     84.77061 (16112016)     87.87096 (16112016)     95.25966 (13121916)
91.56252 (13121916)     88.25470 (13121916)
3746609.5 |     88.89351 (12052806)     88.87719 (12052806)     89.06260 (12052806)
89.47545 (12052806)     90.13311 (12052806)
3746559.5 |     71.75708 (12052806)     72.12969 (12052806)     72.45260 (12052806)
72.74671 (12052806)     73.02145 (12052806)
3746509.5 |     50.81134 (12052806)     51.11270 (12052806)     51.36261 (12052806)
51.57957 (12052806)     51.77352 (12052806)
3746459.5 |     39.70862 (12052806)     39.97970 (12052806)     40.20411 (12052806)
40.39580 (12052806)     40.56346 (12052806)
3746409.5 |     32.69257 (12052806)     32.94193 (12052806)     33.15091 (12052806)
33.32952 (12052806)     33.48474 (12052806)
3746359.5 |     27.80449 (12052806)     28.03519 (12052806)     28.23147 (12052806)
28.40046 (12052806)     28.54756 (12052806)
3746309.5 |     24.18018 (12052806)     24.39403 (12052806)     24.57861 (12052806)
24.73903 (12052806)     24.87943 (12052806)
3746259.5 |     21.37417 (12052806)     21.57261 (12052806)     21.74610 (12052806)
21.89834 (12052806)     22.03249 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:33:44

                     PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                  L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                   L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                   L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                   L0000027    , L0000028    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       405703.57              405753.57              405803.57
  405853.57              405903.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3747209.5 |     16.29933 (12052806)     16.31970 (12052806)     16.34051 (12052806)
16.36115 (12052806)     16.38111 (12052806)
```

3747159.5 | 17.76233 (12052806) 17.78195 (12052806) 17.80243 (12052806)
17.82300 (12052806) 17.84308 (12052806)
3747109.5 | 19.49168 (12052806) 19.51056 (12052806) 19.53070 (12052806)
19.55122 (12052806) 19.57145 (12052806)
3747059.5 | 21.57321 (12052806) 21.59132 (12052806) 21.61108 (12052806)
21.63150 (12052806) 21.65182 (12052806)
3747009.5 | 24.13620 (12052806) 24.15336 (12052806) 24.17252 (12052806)
24.19262 (12052806) 24.21288 (12052806)
3746959.5 | 27.38571 (12052806) 27.40135 (12052806) 27.41929 (12052806)
27.43849 (12052806) 27.45821 (12052806)
3746909.5 | 31.66951 (12052806) 31.68213 (12052806) 31.69730 (12052806)
31.71417 (12052806) 31.73227 (12052806)
3746859.5 | 37.63368 (12052806) 37.63948 (12052806) 37.64801 (12052806)
37.65910 (12052806) 37.67295 (12052806)
3746809.5 | 46.64629 (12052806) 46.63511 (12052806) 46.62688 (12052806)
46.62302 (12052806) 46.62581 (12052806)
3746759.5 | 62.27015 (12052806) 62.20997 (12052806) 62.15293 (12052806)
62.10434 (12052806) 62.07407 (12052806)
3746709.5 | 98.23047 (12052806) 97.93363 (12052806) 97.64122 (12052806)
97.37024 (12052806) 97.17461 (12052806)
3746659.5 | 85.19009 (13121916) 82.34305 (13121916) 79.69511 (13121916)
77.24270 (13121916) 74.97500 (13121916)
3746609.5 | 91.04677 (12052806) 92.22876 (12052806) 93.68633 (12052806)
66.09155 (12052806) 65.86170 (12052806)
3746559.5 | 73.28148 (12052806) 73.52870 (12052806) 73.76221 (12052806)
73.97440 (12052806) 74.14528 (12052806)
3746509.5 | 51.94989 (12052806) 52.11136 (12052806) 52.25831 (12052806)
52.38859 (12052806) 52.49810 (12052806)
3746459.5 | 40.71239 (12052806) 40.84566 (12052806) 40.96472 (12052806)
41.06974 (12052806) 41.16036 (12052806)
3746409.5 | 33.62128 (12052806) 33.74221 (12052806) 33.84944 (12052806)
33.94406 (12052806) 34.02682 (12052806)
3746359.5 | 28.67674 (12052806) 28.79084 (12052806) 28.89182 (12052806)
28.98111 (12052806) 29.05978 (12052806)
3746309.5 | 25.00305 (12052806) 25.11236 (12052806) 25.20923 (12052806)
25.29510 (12052806) 25.37112 (12052806)
3746259.5 | 22.15115 (12052806) 22.25642 (12052806) 22.34997 (12052806)
22.43315 (12052806) 22.50707 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	405953.57	406003.57	406053.57	406103.57	406153.57

- - - -

- - - - - - - - - - - - - - - - - -

3747209.5 | 16.39998 (12052806) 16.41742 (12052806) 16.43313 (12052806)
16.44686 (12052806) 16.45841 (12052806)
3747159.5 | 17.86219 (12052806) 17.87993 (12052806) 17.89596 (12052806)
17.90999 (12052806) 17.92176 (12052806)
3747109.5 | 19.59082 (12052806) 19.60890 (12052806) 19.62528 (12052806)
19.63962 (12052806) 19.65164 (12052806)
3747059.5 | 21.67145 (12052806) 21.68987 (12052806) 21.70663 (12052806)
21.72132 (12052806) 21.73356 (12052806)
3747009.5 | 24.23265 (12052806) 24.25138 (12052806) 24.26853 (12052806)
24.28359 (12052806) 24.29606 (12052806)
3746959.5 | 27.47785 (12052806) 27.49677 (12052806) 27.51430 (12052806)
27.52975 (12052806) 27.54245 (12052806)
3746909.5 | 31.75108 (12052806) 31.76990 (12052806) 31.78778 (12052806)
31.80370 (12052806) 31.81665 (12052806)
3746859.5 | 37.68942 (12052806) 37.70755 (12052806) 37.72577 (12052806)
37.74236 (12052806) 37.75570 (12052806)
3746809.5 | 46.63632 (12052806) 46.65270 (12052806) 46.67142 (12052806)
46.68918 (12052806) 46.70330 (12052806)
3746759.5 | 62.06859 (12052806) 62.08164 (12052806) 62.10170 (12052806)
62.12178 (12052806) 62.13774 (12052806)
3746709.5 | 97.10111 (12052806) 97.10853 (12052806) 97.13928 (12052806)
97.17901 (12052806) 97.22124 (12052806)
3746659.5 | 72.85796 (13121916) 71.00641 (12052806) 71.18712 (12052806)
71.58630 (12052806) 73.38833 (16112016)
3746609.5 | 65.76430 (12052806) 65.78880 (12052806) 65.96033 (16112016)
67.44236 (16112016) 68.97194 (16112016)
3746559.5 | 74.25920 (12052806) 74.33046 (12052806) 74.38267 (12052806)
74.42611 (12052806) 74.46567 (12052806)
3746509.5 | 52.58471 (12052806) 52.65182 (12052806) 52.70571 (12052806)
52.75140 (12052806) 52.79255 (12052806)
3746459.5 | 41.23682 (12052806) 41.30076 (12052806) 41.35479 (12052806)
41.40155 (12052806) 41.44343 (12052806)
3746409.5 | 34.09855 (12052806) 34.16045 (12052806) 34.21407 (12052806)
34.26102 (12052806) 34.30286 (12052806)
3746359.5 | 29.12883 (12052806) 29.18930 (12052806) 29.24231 (12052806)
29.28900 (12052806) 29.33046 (12052806)
3746309.5 | 25.43831 (12052806) 25.49760 (12052806) 25.54990 (12052806)
25.59610 (12052806) 25.63701 (12052806)
3746259.5 | 22.57268 (12052806) 22.63084 (12052806) 22.68234 (12052806)
22.72789 (12052806) 22.76817 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	406203.57	406253.57	406303.57	406353.57	406403.57
3747209.5	16.46759 (12052806)	16.47426 (12052806)	16.47829 (12052806)	16.47958 (12052806)	16.47805 (12052806)
3747159.5	17.93108 (12052806)	17.93775 (12052806)	17.94165 (12052806)	17.94266 (12052806)	17.94070 (12052806)
3747109.5	19.66106 (12052806)	19.66768 (12052806)	19.67133 (12052806)	19.67190 (12052806)	19.66931 (12052806)
3747059.5	21.74305 (12052806)	21.74950 (12052806)	21.75273 (12052806)	21.75261 (12052806)	21.74906 (12052806)
3747009.5	24.30553 (12052806)	24.31164 (12052806)	24.31414 (12052806)	24.31289 (12052806)	24.30784 (12052806)
3746959.5	27.55178 (12052806)	27.55725 (12052806)	27.55849 (12052806)	27.55535 (12052806)	27.54785 (12052806)
3746909.5	31.82569 (12052806)	31.82999 (12052806)	31.82901 (12052806)	31.82255 (12052806)	31.81080 (12052806)
3746859.5	37.76421 (12052806)	37.76643 (12052806)	37.76128 (12052806)	37.74853 (12052806)	37.72882 (12052806)
3746809.5	46.71109 (12052806)	46.70946 (12052806)	46.69571 (12052806)	46.66940 (12052806)	46.63272 (12052806)
3746759.5	62.14508 (12052806)	62.13610 (12052806)	62.10105 (12052806)	62.03805 (12052806)	61.95685 (12052806)
3746709.5	97.25713 (12052806)	97.26080 (12052806)	97.17487 (12052806)	96.96702 (12052806)	96.71509 (12052806)
3746659.5	75.79874 (16112016)	78.40939 (16112016)	81.24143 (16112016)	84.28910 (16112016)	87.49800 (16112016)
3746609.5	94.19041 (12052806)	93.13041 (12052806)	92.41023 (12052806)	91.94089 (12052806)	91.77558 (12052806)
3746559.5	74.50701 (12052806)	74.56294 (12052806)	74.65448 (12052806)	74.78789 (12052806)	74.94001 (12052806)
3746509.5	52.83293 (12052806)	52.87746 (12052806)	52.93115 (12052806)	52.99500 (12052806)	53.06499 (12052806)
3746459.5	41.48272 (12052806)	41.52170 (12052806)	41.56220 (12052806)	41.60468 (12052806)	41.64816 (12052806)
3746409.5	34.34104 (12052806)	34.37685 (12052806)	34.41121 (12052806)	34.44448 (12052806)	34.47643 (12052806)
3746359.5	29.36768 (12052806)	29.40148 (12052806)	29.43247 (12052806)	29.46097 (12052806)	29.48699 (12052806)
3746309.5	25.67337 (12052806)	25.70578 (12052806)	25.73469 (12052806)	25.76038 (12052806)	25.78298 (12052806)
3746259.5	22.80373 (12052806)	22.83507 (12052806)	22.86256 (12052806)	22.88644 (12052806)	22.90686 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406453.57	406503.57	406553.57	406603.57	406653.57
3747209.5	16.47364 (12052806)	16.46630 (12052806)	16.45599 (12052806)	16.44268 (12052806)	16.42632 (12052806)
3747159.5	17.93572 (12052806)	17.92767 (12052806)	17.91654 (12052806)	17.90229 (12052806)	17.88490 (12052806)
3747109.5	19.66352 (12052806)	19.65450 (12052806)	19.64225 (12052806)	19.62677 (12052806)	19.60806 (12052806)
3747059.5	21.74207 (12052806)	21.73166 (12052806)	21.71786 (12052806)	21.70069 (12052806)	21.68018 (12052806)
3747009.5	24.29903 (12052806)	24.28654 (12052806)	24.27046 (12052806)	24.25087 (12052806)	24.22783 (12052806)
3746959.5	27.53613 (12052806)	27.52039 (12052806)	27.50082 (12052806)	27.47758 (12052806)	27.45078 (12052806)
3746909.5	31.79415 (12052806)	31.77303 (12052806)	31.74780 (12052806)	31.71873 (12052806)	31.68600 (12052806)
3746859.5	37.70313 (12052806)	37.67239 (12052806)	37.63723 (12052806)	37.59808 (12052806)	37.55521 (12052806)
3746809.5	46.58841 (12052806)	46.53836 (12052806)	46.48366 (12052806)	46.42489 (12052806)	46.36240 (12052806)
3746759.5	61.86574 (12052806)	61.76849 (12052806)	61.66668 (12052806)	61.56098 (12052806)	61.45175 (12052806)
3746709.5	96.44404 (12052806)	96.16025 (12052806)	95.86710 (12052806)	95.56728 (12052806)	95.26401 (12052806)
3746659.5	93.07747 (13121916)	89.60778 (13121916)	86.41924 (13121916)	83.45599 (13121916)	80.69664 (13121916)
3746609.5	91.89038 (12052806)	92.29117 (12052806)	92.98806 (12052806)	93.99123 (12052806)	95.31325 (12052806)
3746559.5	75.09654 (12052806)	75.25264 (12052806)	75.40665 (12052806)	75.55782 (12052806)	75.70593 (12052806)
3746509.5	53.13667 (12052806)	53.20745 (12052806)	53.27598 (12052806)	53.34159 (12052806)	53.40385 (12052806)
3746459.5	41.69114 (12052806)	41.73238 (12052806)	41.77106 (12052806)	41.80663 (12052806)	41.83874 (12052806)
3746409.5	34.50655 (12052806)	34.53426 (12052806)	34.55909 (12052806)	34.58066 (12052806)	34.59869 (12052806)
3746359.5	29.51038 (12052806)	29.53087 (12052806)	29.54823 (12052806)	29.56220 (12052806)	29.57257 (12052806)
3746309.5	25.80245 (12052806)	25.81872 (12052806)	25.83165 (12052806)	25.84110 (12052806)	25.84691 (12052806)
3746259.5	22.92388 (12052806)	22.93749 (12052806)	22.94763 (12052806)	22.95423 (12052806)	22.95717 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406703.57	406753.57	406803.57	406853.57	406903.57
3747209.5	16.40686 (12052806)	16.38427 (12052806)	16.35846 (12052806)	16.32937 (12052806)	16.29689 (12052806)
3747159.5	17.86434 (12052806)	17.84055 (12052806)	17.81350 (12052806)	17.78309 (12052806)	17.74925 (12052806)
3747109.5	19.58608 (12052806)	19.56082 (12052806)	19.53224 (12052806)	19.50026 (12052806)	19.46480 (12052806)
3747059.5	21.65634 (12052806)	21.62915 (12052806)	21.59861 (12052806)	21.56465 (12052806)	21.52721 (12052806)
3747009.5	24.20139 (12052806)	24.17157 (12052806)	24.13837 (12052806)	24.10178 (12052806)	24.06176 (12052806)
3746959.5	27.42052 (12052806)	27.38687 (12052806)	27.34987 (12052806)	27.30956 (12052806)	27.26595 (12052806)
3746909.5	31.64977 (12052806)	31.61016 (12052806)	31.56730 (12052806)	31.52130 (12052806)	31.47228 (12052806)
3746859.5	37.50882 (12052806)	37.45910 (12052806)	37.40628 (12052806)	37.35068 (12052806)	37.29264 (12052806)
3746809.5	46.29643 (12052806)	46.22724 (12052806)	46.15519 (12052806)	46.08094 (12052806)	46.00549 (12052806)
3746759.5	61.33926 (12052806)	61.22377 (12052806)	61.10580 (12052806)	60.98652 (12052806)	60.86875 (12052806)
3746709.5	94.96041 (12052806)	94.65883 (12052806)	94.36185 (12052806)	94.07168 (12052806)	93.79514 (12052806)
3746659.5	78.12096 (13121916)	75.71289 (13121916)	73.45737 (13121916)	71.34347 (13121916)	70.73065 (12052806)
3746609.5	67.36391 (12052806)	66.98162 (12052806)	66.73322 (12052806)	66.61758 (12052806)	67.89218 (16112016)
3746559.5	75.85086 (12052806)	75.99232 (12052806)	76.12983 (12052806)	76.26165 (12052806)	76.38260 (12052806)
3746509.5	53.46243 (12052806)	53.51692 (12052806)	53.56667 (12052806)	53.61046 (12052806)	53.64613 (12052806)
3746459.5	41.86704 (12052806)	41.89118 (12052806)	41.91066 (12052806)	41.92476 (12052806)	41.93254 (12052806)
3746409.5	34.61290 (12052806)	34.62299 (12052806)	34.62861 (12052806)	34.62930 (12052806)	34.62459 (12052806)
3746359.5	29.57913 (12052806)	29.58165 (12052806)	29.57986 (12052806)	29.57347 (12052806)	29.56217 (12052806)
3746309.5	25.84894 (12052806)	25.84699 (12052806)	25.84087 (12052806)	25.83037 (12052806)	25.81527 (12052806)
3746259.5	22.95634 (12052806)	22.95161 (12052806)	22.94282 (12052806)	22.92981 (12052806)	22.91241 (12052806)

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 51
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,

L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406953.57	407003.57	407053.57	407103.57	407153.57
3747209.5	16.26092 (12052806)	16.22131 (12052806)	16.17792 (12052806)	16.13056 (12052806)	16.07902 (12052806)
3747159.5	17.71184 (12052806)	17.67075 (12052806)	17.62578 (12052806)	17.57676 (12052806)	17.52345 (12052806)
3747109.5	19.42575 (12052806)	19.38296 (12052806)	19.33625 (12052806)	19.28541 (12052806)	19.23019 (12052806)
3747059.5	21.48617 (12052806)	21.44138 (12052806)	21.39266 (12052806)	21.33976 (12052806)	21.28242 (12052806)
3747009.5	24.01819 (12052806)	23.97093 (12052806)	23.91977 (12052806)	23.86443 (12052806)	23.80461 (12052806)
3746959.5	27.21895 (12052806)	27.16842 (12052806)	27.11410 (12052806)	27.05568 (12052806)	26.99279 (12052806)
3746909.5	31.42024 (12052806)	31.36502 (12052806)	31.30631 (12052806)	31.24367 (12052806)	31.17663 (12052806)
3746859.5	37.23237 (12052806)	37.16975 (12052806)	37.10426 (12052806)	37.03520 (12052806)	36.96190 (12052806)
3746809.5	45.92978 (12052806)	45.85378 (12052806)	45.77629 (12052806)	45.69590 (12052806)	45.61150 (12052806)
3746759.5	60.75681 (12052806)	60.65113 (12052806)	60.54726 (12052806)	60.44157 (12052806)	60.33214 (12052806)
3746709.5	93.55889 (12052806)	93.36716 (12052806)	93.18855 (12052806)	93.01077 (12052806)	92.82878 (12052806)
3746659.5	70.88591 (12052806)	71.24862 (12052806)	72.57325 (16112016)	74.79022 (16112016)	77.19274 (16112016)
3746609.5	69.46967 (16112016)	71.14378 (16112016)	72.87069 (16112016)	74.68051 (16112016)	95.53972 (12052806)
3746559.5	76.47991 (12052806)	76.55068 (12052806)	76.60708 (12052806)	76.65524 (12052806)	76.69694 (12052806)
3746509.5	53.67101 (12052806)	53.68449 (12052806)	53.68854 (12052806)	53.68507 (12052806)	53.67503 (12052806)
3746459.5	41.93312 (12052806)	41.92619 (12052806)	41.91212 (12052806)	41.89143 (12052806)	41.86445 (12052806)
3746409.5	34.61405 (12052806)	34.59745 (12052806)	34.57476 (12052806)	34.54606 (12052806)	34.51138 (12052806)
3746359.5	29.54570 (12052806)	29.52384 (12052806)	29.49647 (12052806)	29.46349 (12052806)	29.42478 (12052806)
3746309.5	25.79535 (12052806)	25.77044 (12052806)	25.74037 (12052806)	25.70498 (12052806)	25.66408 (12052806)
3746259.5	22.89044 (12052806)	22.86372 (12052806)	22.83209 (12052806)	22.79535 (12052806)	22.75331 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407203.57	407253.57	407303.57	407353.57	407403.57
3747209.5	16.02307 (12052806)	15.96246 (12052806)	15.89690 (12052806)	15.82608 (12052806)	15.74965 (12052806)
3747159.5	17.46561 (12052806)	17.40295 (12052806)	17.33517 (12052806)	17.26193 (12052806)	17.18286 (12052806)
3747109.5	19.17033 (12052806)	19.10552 (12052806)	19.03542 (12052806)	18.95967 (12052806)	18.87785 (12052806)
3747059.5	21.22034 (12052806)	21.15318 (12052806)	21.08059 (12052806)	21.00215 (12052806)	20.91745 (12052806)
3747009.5	23.73998 (12052806)	23.67017 (12052806)	23.59477 (12052806)	23.51337 (12052806)	23.42549 (12052806)
3746959.5	26.92504 (12052806)	26.85202 (12052806)	26.77329 (12052806)	26.68839 (12052806)	26.59683 (12052806)
3746909.5	31.10472 (12052806)	31.02747 (12052806)	30.94439 (12052806)	30.85500 (12052806)	30.75877 (12052806)
3746859.5	36.88374 (12052806)	36.80017 (12052806)	36.71068 (12052806)	36.61474 (12052806)	36.51179 (12052806)
3746809.5	45.52228 (12052806)	45.42759 (12052806)	45.32688 (12052806)	45.21959 (12052806)	45.10515 (12052806)
3746759.5	60.21789 (12052806)	60.09814 (12052806)	59.97228 (12052806)	59.83972 (12052806)	59.69992 (12052806)
3746709.5	92.63905 (12052806)	92.43972 (12052806)	92.22920 (12052806)	92.00620 (12052806)	91.77103 (12052806)
3746659.5	79.79719 (16112016)	82.62169 (16112016)	105.77614 (12052806)	89.07966 (13121916)	85.73248 (13121916)
3746609.5	94.63167 (12052806)	94.04380 (12052806)	93.78027 (12052806)	93.84554 (12052806)	94.24743 (12052806)
3746559.5	76.73257 (12052806)	76.76175 (12052806)	76.78383 (12052806)	76.79845 (12052806)	76.80501 (12052806)
3746509.5	53.65872 (12052806)	53.63601 (12052806)	53.60657 (12052806)	53.56997 (12052806)	53.52564 (12052806)
3746459.5	41.83124 (12052806)	41.79164 (12052806)	41.74532 (12052806)	41.69184 (12052806)	41.63064 (12052806)
3746409.5	34.47061 (12052806)	34.42354 (12052806)	34.36984 (12052806)	34.30906 (12052806)	34.24064 (12052806)
3746359.5	29.38017 (12052806)	29.32940 (12052806)	29.27211 (12052806)	29.20788 (12052806)	29.13616 (12052806)
3746309.5	25.61746 (12052806)	25.56483 (12052806)	25.50585 (12052806)	25.44008 (12052806)	25.36703 (12052806)
3746259.5	22.70572 (12052806)	22.65230 (12052806)	22.59269 (12052806)	22.52651 (12052806)	22.45326 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 407453.57	407503.57	407553.57	407603.57	407653.57
3747209.5	15.66723 (12052806)	15.57839 (12052806)	15.48266 (12052806)	15.37951 (12052806)	15.26835 (12052806)
3747159.5	17.09752 (12052806)	17.00546 (12052806)	16.90616 (12052806)	16.79905 (12052806)	16.68346 (12052806)
3747109.5	18.78952 (12052806)	18.69417 (12052806)	18.59125 (12052806)	18.48012 (12052806)	18.36008 (12052806)
3747059.5	20.82598 (12052806)	20.72722 (12052806)	20.62056 (12052806)	20.50533 (12052806)	20.38078 (12052806)
3747009.5	23.33062 (12052806)	23.22820 (12052806)	23.11758 (12052806)	22.99807 (12052806)	22.86887 (12052806)
3746959.5	26.49807 (12052806)	26.39150 (12052806)	26.27647 (12052806)	26.15226 (12052806)	26.01807 (12052806)
3746909.5	30.65513 (12052806)	30.54346 (12052806)	30.42308 (12052806)	30.29329 (12052806)	30.15329 (12052806)
3746859.5	36.40124 (12052806)	36.28246 (12052806)	36.15474 (12052806)	36.01739 (12052806)	35.86971 (12052806)
3746809.5	44.98295 (12052806)	44.85231 (12052806)	44.71253 (12052806)	44.56290 (12052806)	44.40282 (12052806)
3746759.5	59.55226 (12052806)	59.39601 (12052806)	59.23040 (12052806)	59.05471 (12052806)	58.86839 (12052806)
3746709.5	91.52438 (12052806)	91.26658 (12052806)	90.99865 (12052806)	90.72174 (12052806)	90.43671 (12052806)
3746659.5	82.58997 (13121916)	79.63000 (13121916)	76.83125 (13121916)	74.17510 (13121916)	71.64490 (13121916)
3746609.5	94.99416 (12052806)	68.30688 (12052806)	67.50825 (12052806)	66.85579 (12052806)	66.34347 (12052806)
3746559.5	76.80276 (12052806)	76.79111 (12052806)	76.76903 (12052806)	76.73512 (12052806)	76.68795 (12052806)
3746509.5	53.47286 (12052806)	53.41076 (12052806)	53.33823 (12052806)	53.25383 (12052806)	53.15566 (12052806)
3746459.5	41.56101 (12052806)	41.48210 (12052806)	41.39283 (12052806)	41.29185 (12052806)	41.17740 (12052806)
3746409.5	34.16392 (12052806)	34.07806 (12052806)	33.98207 (12052806)	33.87469 (12052806)	33.75439 (12052806)
3746359.5	29.05632 (12052806)	28.96757 (12052806)	28.86900 (12052806)	28.75947 (12052806)	28.63765 (12052806)
3746309.5	25.28608 (12052806)	25.19651 (12052806)	25.09748 (12052806)	24.98799 (12052806)	24.86685 (12052806)
3746259.5	22.37237 (12052806)	22.28320 (12052806)	22.18496 (12052806)	22.07677 (12052806)	21.95760 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407703.57	407753.57	407803.57	407853.57	407903.57
3747209.5	15.14852 (12052806)	15.01928 (12052806)	14.87980 (12052806)	14.72912 (12052806)	14.56621 (12052806)
3747159.5	16.55865 (12052806)	16.42379 (12052806)	16.27792 (12052806)	16.11993 (12052806)	15.94857 (12052806)
3747109.5	18.23029 (12052806)	18.08984 (12052806)	17.93762 (12052806)	17.77237 (12052806)	17.59261 (12052806)
3747059.5	20.24601 (12052806)	20.10001 (12052806)	19.94156 (12052806)	19.76922 (12052806)	19.58128 (12052806)
3747009.5	22.72906 (12052806)	22.57755 (12052806)	22.41303 (12052806)	22.23391 (12052806)	22.03822 (12052806)
3746959.5	25.87297 (12052806)	25.71589 (12052806)	25.54549 (12052806)	25.36005 (12052806)	25.15735 (12052806)
3746909.5	30.00226 (12052806)	29.83923 (12052806)	29.66300 (12052806)	29.47186 (12052806)	29.26337 (12052806)
3746859.5	35.71103 (12052806)	35.54078 (12052806)	35.35828 (12052806)	35.16225 (12052806)	34.95007 (12052806)
3746809.5	44.23196 (12052806)	44.05058 (12052806)	43.85960 (12052806)	43.65956 (12052806)	43.44800 (12052806)
3746759.5	58.67146 (12052806)	58.46563 (12052806)	58.25643 (12052806)	58.05298 (12052806)	57.85454 (12052806)
3746709.5	90.14473 (12052806)	89.84962 (12052806)	89.56688 (12052806)	89.36063 (12052806)	89.24873 (12052806)
3746659.5	69.22632 (13121916)	68.88258 (12052806)	68.76669 (12052806)	68.83164 (12052806)	69.64096 (16112016)
3746609.5	67.44033 (16112016)	68.86777 (16112016)	70.38160 (16112016)	71.99065 (16112016)	73.70023 (16112016)
3746559.5	76.62469 (12052806)	76.53905 (12052806)	76.41461 (12052806)	76.21063 (12052806)	75.91403 (12052806)
3746509.5	53.04086 (12052806)	52.90470 (12052806)	52.73930 (12052806)	52.53465 (12052806)	52.28624 (12052806)
3746459.5	41.04708 (12052806)	40.89763 (12052806)	40.72476 (12052806)	40.52401 (12052806)	40.29212 (12052806)
3746409.5	33.61919 (12052806)	33.46670 (12052806)	33.29407 (12052806)	33.09835 (12052806)	32.87675 (12052806)
3746359.5	28.50190 (12052806)	28.35032 (12052806)	28.18073 (12052806)	27.99082 (12052806)	27.77811 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407953.57	408003.57	408053.57	408103.57	408153.57
3747209.5	14.38991 (12052806)	14.19894 (12052806)	13.99192 (12052806)	13.76738 (12052806)	13.52379 (12052806)
3747159.5	15.76244 (12052806)	15.55995 (12052806)	15.33935 (12052806)	15.09872 (12052806)	14.83600 (12052806)
3747109.5	17.39665 (12052806)	17.18254 (12052806)	16.94806 (12052806)	16.69075 (12052806)	16.40789 (12052806)
3747059.5	19.37570 (12052806)	19.15012 (12052806)	18.90177 (12052806)	18.62754 (12052806)	18.32385 (12052806)
3747009.5	21.82355 (12052806)	21.58704 (12052806)	21.32530 (12052806)	21.03439 (12052806)	20.70973 (12052806)
3746959.5	24.93456 (12052806)	24.68824 (12052806)	24.41424 (12052806)	24.10768 (12052806)	23.76277 (12052806)
3746909.5	29.03418 (12052806)	28.78008 (12052806)	28.49602 (12052806)	28.17604 (12052806)	27.81297 (12052806)
3746859.5	34.71758 (12052806)	34.45945 (12052806)	34.16942 (12052806)	33.84028 (12052806)	33.46340 (12052806)
3746809.5	43.21880 (12052806)	42.96426 (12052806)	42.67638 (12052806)	42.34655 (12052806)	41.96468 (12052806)
3746759.5	57.64671 (12052806)	57.41534 (12052806)	57.14959 (12052806)	56.83950 (12052806)	56.47377 (12052806)
3746709.5	89.15355 (12052806)	89.03891 (12052806)	88.88876 (12052806)	88.69086 (12052806)	88.43173 (12052806)
3746659.5	71.78172 (16112016)	74.15925 (16112016)	76.76455 (16112016)	79.60987 (16112016)	82.71598 (16112016)
3746609.5	75.37996 (16112016)	77.09446 (16112016)	93.24408 (12052806)	91.86741 (12052806)	90.79356 (12052806)
3746559.5	75.55880 (12052806)	75.16043 (12052806)	74.71895 (12052806)	74.22819 (12052806)	73.67808 (12052806)
3746509.5	51.99680 (12052806)	51.66817 (12052806)	51.29812 (12052806)	50.88079 (12052806)	50.40710 (12052806)
3746459.5	40.02726 (12052806)	39.72740 (12052806)	39.38894 (12052806)	39.00617 (12052806)	38.57099 (12052806)

3746409.5 | 32.62665 (12052806) 32.34507 (12052806) 32.02810 (12052806)
31.67044 (12052806) 31.26508 (12052806)
3746359.5 | 27.54000 (12052806) 27.27347 (12052806) 26.97480 (12052806)
26.63934 (12052806) 26.26119 (12052806)
3746309.5 | 23.80435 (12052806) 23.55178 (12052806) 23.27028 (12052806)
22.95587 (12052806) 22.60376 (12052806)
3746259.5 | 20.93371 (12052806) 20.69469 (12052806) 20.42979 (12052806)
20.13573 (12052806) 19.80870 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408203.57	408253.57	408303.57	408353.57	408403.57
3747209.5	13.25964 (12052806)	12.97344 (12052806)	12.66392 (12052806)	12.33011 (12052806)	11.97152 (12052806)
3747159.5	14.54906 (12052806)	14.23574 (12052806)	13.89401 (12052806)	13.52210 (12052806)	13.11883 (12052806)
3747109.5	16.09653 (12052806)	15.75357 (12052806)	15.37588 (12052806)	14.96052 (12052806)	14.50506 (12052806)
3747059.5	17.98672 (12052806)	17.61178 (12052806)	17.19436 (12052806)	16.72971 (12052806)	16.21343 (12052806)
3747009.5	20.34604 (12052806)	19.93727 (12052806)	19.47662 (12052806)	18.95671 (12052806)	18.36994 (12052806)
3746959.5	23.37266 (12052806)	22.92919 (12052806)	22.42273 (12052806)	21.84209 (12052806)	21.17475 (12052806)
3746909.5	27.39814 (12052806)	26.92083 (12052806)	26.36781 (12052806)	25.72271 (12052806)	24.96570 (12052806)
3746859.5	33.02812 (12052806)	32.52084 (12052806)	31.92402 (12052806)	31.21467 (12052806)	30.36272 (12052806)
3746809.5	41.51814 (12052806)	40.99036 (12052806)	40.35911 (12052806)	39.59369 (12052806)	38.65099 (12052806)
3746759.5	56.03803 (12052806)	55.51306 (12052806)	54.87215 (12052806)	54.07673 (12052806)	53.06937 (12052806)
3746709.5	88.09438 (12052806)	87.65700 (12052806)	87.08977 (12052806)	86.34775 (12052806)	85.36236 (12052806)
3746659.5	101.69320 (12052806)	78.09426 (13121916)	73.38700 (13121916)	68.46326 (13121916)	65.32574 (12052806)
3746609.5	89.99451 (12052806)	89.97969 (16112016)	91.92770 (16112016)	94.00172 (16112016)	62.88793 (16112016)
3746559.5	73.05411 (12052806)	72.33618 (12052806)	71.49577 (12052806)	70.49086 (12052806)	69.25669 (12052806)

3746509.5 | 49.86425 (12052806) 49.23460 (12052806) 48.49358 (12052806)
47.60619 (12052806) 46.52130 (12052806)
3746459.5 | 38.07239 (12052806) 37.49558 (12052806) 36.82067 (12052806)
36.02061 (12052806) 35.05834 (12052806)
3746409.5 | 30.80285 (12052806) 30.27188 (12052806) 29.65684 (12052806)
28.93800 (12052806) 28.09023 (12052806)
3746359.5 | 25.83295 (12052806) 25.34544 (12052806) 24.78733 (12052806)
24.14488 (12052806) 23.40191 (12052806)
3746309.5 | 22.20815 (12052806) 21.76214 (12052806) 21.25764 (12052806)
20.68544 (12052806) 20.03557 (12052806)
3746259.5 | 19.44426 (12052806) 19.03737 (12052806) 18.58242 (12052806)
18.07343 (12052806) 17.50451 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408453.57	408503.57	408553.57	408603.57	408653.57
3747209.5	11.58841 (12052806)	11.18195 (12052806)	10.75444 (12052806)	10.30941 (12052806)	9.85156 (12052806)
3747159.5	12.68385 (12052806)	12.21808 (12052806)	11.72404 (12052806)	11.20607 (12052806)	10.67042 (12052806)
3747109.5	14.00810 (12052806)	13.46981 (12052806)	12.89266 (12052806)	12.28195 (12052806)	11.64602 (12052806)
3747059.5	15.64210 (12052806)	15.01428 (12052806)	14.33171 (12052806)	13.60053 (12052806)	12.83201 (12052806)
3747009.5	17.70937 (12052806)	16.97015 (12052806)	16.15168 (12052806)	15.26019 (12052806)	14.31082 (12052806)
3746959.5	20.40768 (12052806)	19.52927 (12052806)	18.53284 (12052806)	17.42200 (12052806)	16.21636 (12052806)
3746909.5	24.07364 (12052806)	23.02195 (12052806)	21.78960 (12052806)	20.36937 (12052806)	18.78279 (12052806)
3746859.5	29.32926 (12052806)	28.06615 (12052806)	26.52035 (12052806)	24.65022 (12052806)	22.46228 (12052806)
3746809.5	37.46962 (12052806)	35.96229 (12052806)	34.00975 (12052806)	31.47207 (12052806)	28.81440 (12020617)
3746759.5	51.76117 (12052806)	50.00880 (12052806)	47.57428 (12052806)	44.06860 (12052806)	41.22655 (12020617)
3746709.5	84.02074 (12052806)	82.12065 (12052806)	79.26593 (12052806)	74.58773 (12052806)	72.09790 (12020617)
3746659.5	62.82052 (12052806)	60.94775 (16112016)	62.17858 (16112016)	63.22649 (16112016)	63.15716 (16112016)

3746609.5 | 63.78292 (16112016) 64.69127 (16112016) 65.55264 (16112016)
66.19023 (16112016) 65.89233 (16112016)
3746559.5 | 67.68882 (12052806) 65.60821 (12052806) 62.68646 (12052806)
58.28366 (12052806) 53.19186 (13041207)
3746509.5 | 45.16220 (12052806) 43.41135 (12052806) 41.08870 (12052806)
37.93780 (12052806) 33.82971 (13041207)
3746459.5 | 33.88307 (12052806) 32.42663 (12052806) 30.60389 (12052806)
28.32964 (12052806) 25.57608 (12052806)
3746409.5 | 27.08238 (12052806) 25.87824 (12052806) 24.44183 (12052806)
22.75140 (12052806) 20.82488 (12052806)
3746359.5 | 22.54042 (12052806) 21.54258 (12052806) 20.39527 (12052806)
19.09795 (12052806) 17.67264 (12052806)
3746309.5 | 19.29818 (12052806) 18.46530 (12052806) 17.53377 (12052806)
16.50914 (12052806) 15.40947 (12052806)
3746259.5 | 16.87064 (12052806) 16.16889 (12052806) 15.40012 (12052806)
14.57091 (12052806) 13.69484 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.5	9.38656 (12052806)	8.92066 (12052806)	8.46012 (12052806)	8.01074 (12052806)	7.71889 (12020617)
3747159.5	10.12487 (12052806)	9.57816 (12052806)	9.03910 (12052806)	8.61832 (12020617)	8.45552 (12020617)
3747109.5	10.99589 (12052806)	10.34421 (12052806)	9.70378 (12052806)	9.56451 (12020617)	9.27561 (12020617)
3747059.5	12.04222 (12052806)	11.25026 (12052806)	10.91842 (12020617)	10.67057 (12020617)	10.15524 (12020617)
3747009.5	13.32785 (12052806)	12.60915 (12020617)	12.42084 (12020617)	11.94025 (12020617)	11.02565 (12020617)
3746959.5	14.95399 (12052806)	14.67253 (12020617)	14.27680 (12020617)	13.32867 (12020617)	11.73684 (12020617)
3746909.5	17.69549 (12020617)	17.42497 (12020617)	16.53926 (12020617)	14.66882 (12020617)	12.34667 (12101617)
3746859.5	21.86840 (12020617)	21.20372 (12020617)	19.12300 (12020617)	15.53426 (12020617)	14.93389 (12101617)
3746809.5	28.39475 (12020617)	26.46035 (12020617)	21.47706 (12020617)	19.15631 (12101617)	18.08533 (12101617)
3746759.5	40.01279 (12020617)	33.26946 (12020617)	26.67933 (12101617)	23.89488 (12101617)	20.71686 (12101617)

3746709.5 | 65.17404 (12020617) 44.25772 (12101617) 34.23165 (12101617)
26.15712 (12101617) 20.28938 (12101617)
3746659.5 | 65.27557 (16112016) 67.53411 (16112016) 43.72173 (16112016)
32.17922 (16112016) 25.31580 (16112016)
3746609.5 | 67.35367 (16112016) 68.86604 (16112016) 48.86813 (16112016)
37.29045 (16112016) 29.81880 (16112016)
3746559.5 | 42.82000 (13041207) 40.23923 (13090518) 36.27297 (13090518)
31.64993 (13090518) 27.41501 (13090518)
3746509.5 | 29.35775 (13041207) 25.63867 (13090518) 25.14487 (13090518)
24.19417 (13090518) 22.77037 (13090518)
3746459.5 | 22.47506 (12052806) 19.35194 (12052806) 18.36168 (13090518)
18.17047 (13090518) 17.83726 (13090518)
3746409.5 | 18.74595 (12052806) 16.65813 (12052806) 14.70942 (12052806)
14.15521 (13090518) 14.06785 (13090518)
3746359.5 | 16.17008 (12052806) 14.66322 (12052806) 13.22656 (12052806)
11.91432 (12052806) 11.38052 (13090518)
3746309.5 | 14.26639 (12052806) 13.12092 (12052806) 12.01472 (12052806)
10.98092 (12052806) 10.03923 (12052806)
3746259.5 | 12.79238 (12052806) 11.88844 (12052806) 11.00821 (12052806)
10.17287 (12052806) 9.39687 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 59
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	404203.57	404253.57	404303.57	404353.57	404403.57
3747209.5	9.98533c(14012008)	11.02739c(14012008)	12.13973c(14012008)	13.24051c(14012008)	14.21876c(14012008)
3747159.5	10.97729c(14012008)	12.40115c(14012008)	14.00877c(14012008)	15.65640c(14012008)	17.09277c(14012008)
3747109.5	12.10173c(14012008)	14.11031c(14012008)	16.61151c(14012008)	19.39372c(14012008)	21.78180c(14012008)
3747059.5	13.29227c(14012008)	16.15537c(14012008)	20.35839c(14012008)	26.07406c(14012008)	31.10901c(14012008)
3747009.5	14.37078c(14012008)	18.25527c(14012008)	25.39605c(14012008)	41.17743c(14012008)	32.81063c(14012008)
3746959.5	15.06160c(14012008)	19.61736c(14012008)	29.19142c(14012008)	28.61194c(14012008)	26.77505c(14012008)
3746909.5	15.17285c(14012008)	19.56247c(14012008)	27.85412c(14012008)	47.08170c(14012008)	30.93481c(14012008)
3746859.5	14.76608c(14012008)	18.44819c(14012008)	24.29285c(14012008)	33.77601c(14012008)	48.11593c(14012008)

3746809.5 | 14.05574c(14012008) 16.98346c(14012008) 21.08215c(14012008)
26.74968c(14012008) 34.25176c(14012008)
3746759.5 | 13.22963c(14012008) 15.54317c(14012008) 18.53137c(14012008)
22.32850c(14012008) 27.01925c(14012008)
3746709.5 | 12.39547c(14012008) 14.24417c(14012008) 16.50897c(14012008)
19.24337c(14012008) 22.48066c(14012008)
3746659.5 | 11.60252c(14012008) 13.10293c(14012008) 14.87507c(14012008)
16.94272c(14012008) 19.32017c(14012008)
3746609.5 | 10.86896c(14012008) 12.10557c(14012008) 13.52783c(14012008)
15.14687c(14012008) 16.96869c(14012008)
3746559.5 | 10.19842c(14012008) 11.23186c(14012008) 12.39667c(14012008)
13.69801c(14012008) 15.13790c(14012008)
3746509.5 | 9.58830c(14012008) 10.46252c(14012008) 11.43229c(14012008)
12.49977c(14012008) 13.66496c(14012008)
3746459.5 | 9.03369c(14012008) 9.78109c(14012008) 10.59954c(14012008)
11.48960c(14012008) 12.45029c(14012008)
3746409.5 | 8.52904c(14012008) 9.17397c(14012008) 9.87268c(14012008)
10.62489c(14012008) 11.42915c(14012008)
3746359.5 | 8.06900c(14012008) 8.63006c(14012008) 9.23244c(14012008)
9.87542c(14012008) 10.55740c(14012008)
3746309.5 | 7.64863c(14012008) 8.14028c(14012008) 8.66407c(14012008)
9.21909c(14012008) 9.80372c(14012008)
3746259.5 | 7.26353c(14012008) 7.69716c(14012008) 8.15607c(14012008)
8.63926c(14012008) 9.14521c(14012008)

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 60
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 404453.57 404503.57 404553.57
404603.57 404653.57
- - - -

3746909.5 | 43.62853c(14012008) 51.68895c(14012008) 78.42709c(14012008)
65.82886c(14012008) 70.79193c(14012008)
3746859.5 | 68.85718c(14012008) 69.75084c(14012008) 52.22754c(14012008)
55.92340c(14012008) 56.35762c(14012008)
3746809.5 | 43.86875c(14012008) 56.59428c(14012008) 75.38789c(14012008)
72.62185c(14012008) 55.92584c(14012008)
3746759.5 | 32.68902c(14012008) 39.57641c(14012008) 48.27778c(14012008)
60.09052c(14012008) 77.98238c(14012008)
3746709.5 | 26.25307c(14012008) 30.63666c(14012008) 35.80457c(14012008)
42.08422c(14012008) 50.03800c(14012008)
3746659.5 | 22.02008c(14012008) 25.06903c(14012008) 28.52421c(14012008)
32.48652c(14012008) 37.11032c(14012008)
3746609.5 | 18.99751c(14012008) 21.24173c(14012008) 23.71983c(14012008)
26.46401c(14012008) 29.52109c(14012008)
3746559.5 | 16.71666c(14012008) 18.43542c(14012008) 20.29829c(14012008)
22.31359c(14012008) 24.49339c(14012008)
3746509.5 | 14.92641c(14012008) 16.28227c(14012008) 17.73121c(14012008)
19.27275c(14012008) 20.90690c(14012008)
3746459.5 | 13.47941c(14012008) 14.57401c(14012008) 15.73080c(14012008)
16.94626c(14012008) 18.21640c(14012008)
3746409.5 | 12.28306c(14012008) 13.18340c(14012008) 14.12640c(14012008)
15.10775c(14012008) 16.12247c(14012008)
3746359.5 | 11.27599c(14012008) 12.02812c(14012008) 12.81012c(14012008)
13.61777c(14012008) 14.44627c(14012008)
3746309.5 | 10.41575c(14012008) 11.05236c(14012008) 11.71024c(14012008)
12.38559c(14012008) 13.07413c(14012008)
3746259.5 | 9.67191c(14012008) 10.21686c(14012008) 10.77717c(14012008)
11.34952c(14012008) 11.93027c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	404703.57	404753.57	404803.57	404853.57	404903.57
3747209.5	15.74737c(14012008)	15.60657c(14012008)	15.44627c(14012008)	15.28203c(14012008)	15.12382c(14012008)
3747159.5	18.13685c(14012008)	17.80958c(14012008)	17.48640c(14012008)	17.18272c(14012008)	16.90668c(14012008)
3747109.5	21.27811c(14012008)	20.63864c(14012008)	20.05725c(14012008)	19.54168c(14012008)	19.09256c(14012008)
3747059.5	25.54873c(14012008)	24.37829c(14012008)	23.38092c(14012008)	22.53811c(14012008)	21.83066c(14012008)

3747009.5 | 31.63875c(14012008) 29.52698c(14012008) 27.83354c(14012008)
26.46747c(14012008) 25.36180c(14012008)
3746959.5 | 41.01462c(14012008) 37.07504c(14012008) 34.12492c(14012008)
31.86483c(14012008) 30.10843c(14012008)
3746909.5 | 57.61504c(14012008) 49.39185c(14012008) 43.81669c(14012008)
39.83283c(14012008) 36.89939c(14012008)
3746859.5 | 69.11593c(14012008) 74.25128c(14012008) 61.28935c(14012008)
53.12618c(14012008) 47.64773c(14012008)
3746809.5 | 57.98075c(14012008) 57.47339c(14012008) 74.26877c(14012008)
81.44688c(14012008) 68.15074c(14012008)
3746759.5 | 72.84030c(14012008) 58.04002c(14012008) 59.64059c(14012008)
59.33076c(14012008) 57.49022c(14012008)
3746709.5 | 60.62444c(14012008) 75.73320c(14012008) 69.83814c(14012008)
57.85496c(14012008) 60.09860c(14012008)
3746659.5 | 42.61906c(14012008) 49.35027c(14012008) 57.81325c(14012008)
68.66441c(14012008) 82.76512c(14012008)
3746609.5 | 32.95222c(14012008) 36.83175c(14012008) 41.23619c(14012008)
46.21659c(14012008) 51.78070c(14012008)
3746559.5 | 26.85169c(14012008) 29.40080c(14012008) 32.14485c(14012008)
35.07223c(14012008) 38.15503c(14012008)
3746509.5 | 22.63287c(14012008) 24.44701c(14012008) 26.34032c(14012008)
28.29658c(14012008) 30.29347c(14012008)
3746459.5 | 19.53608c(14012008) 20.89810c(14012008) 22.29232c(14012008)
23.70522c(14012008) 25.12057c(14012008)
3746409.5 | 17.16466c(14012008) 18.22709c(14012008) 19.30091c(14012008)
20.37565c(14012008) 21.43944c(14012008)
3746359.5 | 15.29011c(14012008) 16.14296c(14012008) 16.99760c(14012008)
17.84594c(14012008) 18.67924c(14012008)
3746309.5 | 13.77111c(14012008) 14.47122c(14012008) 15.16866c(14012008)
15.85720c(14012008) 16.53028c(14012008)
3746259.5 | 12.51540c(14012008) 13.10056c(14012008) 13.68111c(14012008)
14.25220c(14012008) 14.80886c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 62
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
404953.57 405003.57 405053.57 405103.57 405153.57
- - - -

```
 3747109.5 |     18.70692c(14012008)     18.38007c(14012008)     18.10661c(14012008)
 17.88114c(14012008)     17.69843c(14012008)
 3747059.5 |     21.24051c(14012008)     20.75143c(14012008)     20.34927c(14012008)
 20.02196c(14012008)     19.75931c(14012008)
 3747009.5 |     24.46580c(14012008)     23.73998c(14012008)     23.15354c(14012008)
 22.68269c(14012008)     22.30899c(14012008)
 3746959.5 |     28.73068c(14012008)     27.64247c(14012008)     26.77965c(14012008)
 26.09679c(14012008)     25.56149c(14012008)
 3746909.5 |     34.69446c(14012008)     33.00691c(14012008)     31.69759c(14012008)
 30.67761c(14012008)     29.88956c(14012008)
 3746859.5 |     43.80032c(14012008)     40.98719c(14012008)     38.86401c(14012008)
 37.24152c(14012008)     36.01209c(14012008)
 3746809.5 |     60.02757c(14012008)     54.56213c(14012008)     50.61103c(14012008)
 47.68327c(14012008)     45.53893c(14012008)
 3746759.5 |     74.61206c(14012008)     84.91013c(14012008)     74.73134c(14012008)
 67.77252c(14012008)     63.08815c(14012008)
 3746709.5 |     60.95912c(14012008)     60.67114c(14012008)     59.77909c(14012008)
 58.53243c(14012008)     79.28662c(14012008)
 3746659.5 |     71.88018c(14012008)     56.76637c(14012008)     58.85104c(14012008)
 60.39634c(14012008)     61.57216c(14012008)
 3746609.5 |     57.92889c(14012008)     64.80381c(14012008)     72.71966c(14012008)
 81.44035c(14012008)     90.56936c(14012008)
 3746559.5 |     41.36343c(14012008)     44.68449c(14012008)     48.09632c(14012008)
 51.49565c(14012008)     54.71691c(14012008)
 3746509.5 |     32.30662c(14012008)     34.31171c(14012008)     36.27669c(14012008)
 38.15051c(14012008)     39.86545c(14012008)
 3746459.5 |     26.52055c(14012008)     27.88600c(14012008)     29.19457c(14012008)
 30.41888c(14012008)     31.52827c(14012008)
 3746409.5 |     22.47951c(14012008)     23.48228c(14012008)     24.43316c(14012008)
 25.31651c(14012008)     26.11694c(14012008)
 3746359.5 |     19.48829c(14012008)     20.26360c(14012008)     20.99555c(14012008)
 21.67472c(14012008)     22.29264c(14012008)
 3746309.5 |     17.18118c(14012008)     17.80319c(14012008)     18.38982c(14012008)
 18.93507c(14012008)     19.43392c(14012008)
 3746259.5 |     15.34609c(14012008)     15.85906c(14012008)     16.34325c(14012008)
 16.79466c(14012008)     17.21009c(14012008)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:33:44

                      PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                 L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       405203.57              405253.57              405303.57
  405353.57              405403.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
```

3747209.5 | 14.49643c(14012008) 14.44885c(14012008) 14.41472c(14012008)
14.39239c(14012008) 14.38015c(14012008)
3747159.5 | 15.89568c(14012008) 15.81997c(14012008) 15.76406c(14012008)
15.72519c(14012008) 15.70066c(14012008)
3747109.5 | 17.55353c(14012008) 17.44170c(14012008) 17.35837c(14012008)
17.29914c(14012008) 17.25985c(14012008)
3747059.5 | 19.55248c(14012008) 19.39356c(14012008) 19.27527c(14012008)
19.19076c(14012008) 19.13372c(14012008)
3747009.5 | 22.01756c(14012008) 21.79565c(14012008) 21.63180c(14012008)
21.51542c(14012008) 21.43684c(14012008)
3746959.5 | 25.14918c(14012008) 24.83946c(14012008) 24.61411c(14012008)
24.45644c(14012008) 24.35133c(14012008)
3746909.5 | 29.29235c(14012008) 28.85232c(14012008) 28.53934c(14012008)
28.32583c(14012008) 28.18713c(14012008)
3746859.5 | 35.10158c(14012008) 34.44929c(14012008) 34.00061c(14012008)
33.70612c(14012008) 33.52269c(14012008)
3746809.5 | 44.00738c(14012008) 42.95598c(14012008) 42.26722c(14012008)
41.83991c(14012008) 41.59113c(14012008)
3746759.5 | 59.94185c(14012008) 57.93285c(14012008) 56.70632c(14012008)
55.99987c(14012008) 55.63658c(14012008)
3746709.5 | 74.62839c(14012008) 93.99742c(14012008) 90.79914c(14012008)
89.03656c(14012008) 88.42630c(14012008)
3746659.5 | 62.43522c(14012008) 63.14162c(14012008) 63.84605c(14012008)
64.75318c(14012008) 65.86735c(14012008)
3746609.5 | 99.19664c(14012008) 77.69883c(14012008) 78.77980c(14012008)
78.72390c(14012008) 78.71581c(14012008)
3746559.5 | 57.53607c(14012008) 59.75032c(14012008) 61.34842c(14012008)
62.40932c(14012008) 63.03952c(14012008)
3746509.5 | 41.34967c(14012008) 42.55309c(14012008) 43.47240c(14012008)
44.14046c(14012008) 44.61211c(14012008)
3746459.5 | 32.49478c(14012008) 33.30158c(14012008) 33.94900c(14012008)
34.45303c(14012008) 34.84004c(14012008)
3746409.5 | 26.82189c(14012008) 27.42473c(14012008) 27.92664c(14012008)
28.33624c(14012008) 28.66733c(14012008)
3746359.5 | 22.84299c(14012008) 23.32288c(14012008) 23.73346c(14012008)
24.07974c(14012008) 24.36955c(14012008)
3746309.5 | 19.88287c(14012008) 20.28051c(14012008) 20.62777c(14012008)
20.92773c(14012008) 21.18512c(14012008)
3746259.5 | 17.58745c(14012008) 17.92596c(14012008) 18.22629c(14012008)
18.49043c(14012008) 18.72137c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 405453.57 405503.57 405553.57

- - - -

Y-COORD (METERS)	X-COORD (METERS) 405703.57	405753.57	405803.57	405853.57	405903.57
3747209.5	14.43174c(14012008)	14.44974c(14012008)	14.46813c(14012008)	14.48637c(14012008)	14.50400c(14012008)
3747159.5	15.72659c(14012008)	15.74393c(14012008)	15.76202c(14012008)	15.78020c(14012008)	15.79795c(14012008)
3747109.5	17.25707c(14012008)	17.27376c(14012008)	17.29156c(14012008)	17.30970c(14012008)	17.32757c(14012008)
3747059.5	19.09910c(14012008)	19.11511c(14012008)	19.13257c(14012008)	19.15062c(14012008)	19.16858c(14012008)
3747009.5	21.36699c(14012008)	21.38215c(14012008)	21.39909c(14012008)	21.41685c(14012008)	21.43476c(14012008)
3746959.5	24.24199c(14012008)	24.25581c(14012008)	24.27168c(14012008)	24.28865c(14012008)	24.30608c(14012008)
3746909.5	28.03147c(14012008)	28.04264c(14012008)	28.05605c(14012008)	28.07097c(14012008)	28.08697c(14012008)
3746859.5	33.30627c(14012008)	33.31141c(14012008)	33.31896c(14012008)	33.32878c(14012008)	33.34103c(14012008)
3746809.5	41.27457c(14012008)	41.26473c(14012008)	41.25748c(14012008)	41.25409c(14012008)	41.25658c(14012008)
3746759.5	55.08097c(14012008)	55.02788c(14012008)	54.97756c(14012008)	54.93470c(14012008)	54.90801c(14012008)
3746709.5	86.82870c(14012008)	86.56695c(14012008)	86.30910c(14012008)	86.07014c(14012008)	85.89765c(14012008)
3746659.5	66.07455c(14012008)	64.96553c(14012008)	64.10207c(14012008)	63.46854c(14012008)	63.04909c(14012008)
3746609.5	80.47830c(14012008)	81.52089c(14012008)	82.80642c(14012008)	58.44643c(14012008)	58.24379c(14012008)
3746559.5	64.80603c(14012008)	65.02448c(14012008)	65.23079c(14012008)	65.41826c(14012008)	65.56924c(14012008)
3746509.5	45.96189c(14012008)	46.10468c(14012008)	46.23462c(14012008)	46.34982c(14012008)	46.44666c(14012008)
3746459.5	36.02829c(14012008)	36.14618c(14012008)	36.25150c(14012008)	36.34440c(14012008)	36.42456c(14012008)
3746409.5	29.75753c(14012008)	29.86453c(14012008)	29.95939c(14012008)	30.04310c(14012008)	30.11632c(14012008)
3746359.5	25.38389c(14012008)	25.48484c(14012008)	25.57419c(14012008)	25.65319c(14012008)	25.72279c(14012008)
3746309.5	22.13376c(14012008)	22.23049c(14012008)	22.31620c(14012008)	22.39218c(14012008)	22.45945c(14012008)
3746259.5	19.61035c(14012008)	19.70350c(14012008)	19.78628c(14012008)	19.85987c(14012008)	19.92528c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

Y-COORD (METERS)	X-COORD (METERS)				
	405953.57	406003.57	406053.57	406103.57	406153.57
3747209.5	14.52068c(14012008)	14.53608c(14012008)	14.54996c(14012008)	14.56210c(14012008)	14.57229c(14012008)
3747159.5	15.81483c(14012008)	15.83051c(14012008)	15.84467c(14012008)	15.85706c(14012008)	15.86746c(14012008)
3747109.5	17.34469c(14012008)	17.36066c(14012008)	17.37514c(14012008)	17.38781c(14012008)	17.39842c(14012008)
3747059.5	19.18593c(14012008)	19.20220c(14012008)	19.21702c(14012008)	19.22999c(14012008)	19.24081c(14012008)
3747009.5	21.45224c(14012008)	21.46879c(14012008)	21.48395c(14012008)	21.49725c(14012008)	21.50827c(14012008)
3746959.5	24.32344c(14012008)	24.34016c(14012008)	24.35565c(14012008)	24.36931c(14012008)	24.38053c(14012008)
3746909.5	28.10360c(14012008)	28.12023c(14012008)	28.13604c(14012008)	28.15011c(14012008)	28.16156c(14012008)
3746859.5	33.35559c(14012008)	33.37162c(14012008)	33.38773c(14012008)	33.40240c(14012008)	33.41418c(14012008)
3746809.5	41.26588c(14012008)	41.28038c(14012008)	41.29693c(14012008)	41.31263c(14012008)	41.32512c(14012008)
3746759.5	54.90321c(14012008)	54.91476c(14012008)	54.93251c(14012008)	54.95026c(14012008)	54.96437c(14012008)
3746709.5	85.83288c(14012008)	85.83949c(14012008)	85.86667c(14012008)	85.90176c(14012008)	85.93904c(14012008)
3746659.5	62.82199c(14012008)	62.78593c(14012008)	62.94542c(14012008)	63.29761c(14012008)	63.84796c(14012008)
3746609.5	58.15799c(14012008)	58.17973c(14012008)	58.29765c(14012008)	58.52495c(14012008)	58.86658c(14012008)
3746559.5	65.66993c(14012008)	65.73295c(14012008)	65.77912c(14012008)	65.81755c(14012008)	65.85253c(14012008)
3746509.5	46.52325c(14012008)	46.58261c(14012008)	46.63028c(14012008)	46.67070c(14012008)	46.70709c(14012008)
3746459.5	36.49219c(14012008)	36.54876c(14012008)	36.59655c(14012008)	36.63792c(14012008)	36.67496c(14012008)
3746409.5	30.17978c(14012008)	30.23455c(14012008)	30.28198c(14012008)	30.32351c(14012008)	30.36052c(14012008)
3746359.5	25.78388c(14012008)	25.83738c(14012008)	25.88428c(14012008)	25.92559c(14012008)	25.96226c(14012008)
3746309.5	22.51889c(14012008)	22.57134c(14012008)	22.61762c(14012008)	22.65849c(14012008)	22.69468c(14012008)
3746259.5	19.98333c(14012008)	20.03479c(14012008)	20.08035c(14012008)	20.12065c(14012008)	20.15627c(14012008)

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,

Y-COORD (METERS)	X-COORD (METERS)				
	406203.57	406253.57	406303.57	406353.57	406403.57
3747209.5	14.58040c(14012008)	14.58627c(14012008)	14.58981c(14012008)	14.59093c(14012008)	14.58955c(14012008)
3747159.5	15.87568c(14012008)	15.88156c(14012008)	15.88498c(14012008)	15.88585c(14012008)	15.88410c(14012008)
3747109.5	17.40673c(14012008)	17.41257c(14012008)	17.41577c(14012008)	17.41625c(14012008)	17.41394c(14012008)
3747059.5	19.24918c(14012008)	19.25487c(14012008)	19.25770c(14012008)	19.25757c(14012008)	19.25441c(14012008)
3747009.5	21.51663c(14012008)	21.52202c(14012008)	21.52420c(14012008)	21.52307c(14012008)	21.51859c(14012008)
3746959.5	24.38877c(14012008)	24.39359c(14012008)	24.39467c(14012008)	24.39187c(14012008)	24.38521c(14012008)
3746909.5	28.16954c(14012008)	28.17333c(14012008)	28.17244c(14012008)	28.16671c(14012008)	28.15630c(14012008)
3746859.5	33.42170c(14012008)	33.42365c(14012008)	33.41908c(14012008)	33.40779c(14012008)	33.39035c(14012008)
3746809.5	41.33200c(14012008)	41.33055c(14012008)	41.31838c(14012008)	41.29511c(14012008)	41.26269c(14012008)
3746759.5	54.97087c(14012008)	54.96293c(14012008)	54.93196c(14012008)	54.87631c(14012008)	54.80458c(14012008)
3746709.5	85.97070c(14012008)	85.97392c(14012008)	85.89807c(14012008)	85.71468c(14012008)	85.49238c(14012008)
3746659.5	64.60551c(14012008)	65.58463c(14012008)	66.81079c(14012008)	68.30399c(14012008)	70.07422c(14012008)
3746609.5	83.25211c(14012008)	82.31753c(14012008)	81.68257c(14012008)	81.26881c(14012008)	81.12315c(14012008)
3746559.5	65.88907c(14012008)	65.93850c(14012008)	66.01935c(14012008)	66.13714c(14012008)	66.27146c(14012008)
3746509.5	46.74280c(14012008)	46.78216c(14012008)	46.82961c(14012008)	46.88604c(14012008)	46.94789c(14012008)
3746459.5	36.70970c(14012008)	36.74417c(14012008)	36.77997c(14012008)	36.81752c(14012008)	36.85597c(14012008)
3746409.5	30.39429c(14012008)	30.42595c(14012008)	30.45633c(14012008)	30.48574c(14012008)	30.51401c(14012008)
3746359.5	25.99517c(14012008)	26.02507c(14012008)	26.05247c(14012008)	26.07767c(14012008)	26.10069c(14012008)
3746309.5	22.72683c(14012008)	22.75549c(14012008)	22.78106c(14012008)	22.80378c(14012008)	22.82377c(14012008)
3746259.5	20.18773c(14012008)	20.21544c(14012008)	20.23975c(14012008)	20.26087c(14012008)	20.27894c(14012008)

INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406453.57	406503.57	406553.57	406603.57	406653.57
3747209.5	14.58564c(14012008)	14.57914c(14012008)	14.57002c(14012008)	14.55824c(14012008)	14.54376c(14012008)
3747159.5	15.87968c(14012008)	15.87255c(14012008)	15.86270c(14012008)	15.85009c(14012008)	15.83471c(14012008)
3747109.5	17.40881c(14012008)	17.40082c(14012008)	17.38998c(14012008)	17.37629c(14012008)	17.35973c(14012008)
3747059.5	19.24822c(14012008)	19.23900c(14012008)	19.22679c(14012008)	19.21160c(14012008)	19.19345c(14012008)
3747009.5	21.51079c(14012008)	21.49973c(14012008)	21.48550c(14012008)	21.46817c(14012008)	21.44779c(14012008)
3746959.5	24.37484c(14012008)	24.36091c(14012008)	24.34359c(14012008)	24.32303c(14012008)	24.29933c(14012008)
3746909.5	28.14157c(14012008)	28.12288c(14012008)	28.10056c(14012008)	28.07485c(14012008)	28.04590c(14012008)
3746859.5	33.36763c(14012008)	33.34044c(14012008)	33.30935c(14012008)	33.27472c(14012008)	33.23681c(14012008)
3746809.5	41.22351c(14012008)	41.17927c(14012008)	41.13091c(14012008)	41.07896c(14012008)	41.02371c(14012008)
3746759.5	54.72409c(14012008)	54.63818c(14012008)	54.54824c(14012008)	54.45485c(14012008)	54.35835c(14012008)
3746709.5	85.25321c(14012008)	85.00279c(14012008)	84.74412c(14012008)	84.47955c(14012008)	84.21193c(14012008)
3746659.5	70.60826c(14012008)	68.67815c(14012008)	67.07482c(14012008)	65.75737c(14012008)	64.69473c(14012008)
3746609.5	81.22448c(14012008)	81.57798c(14012008)	82.19256c(14012008)	83.07717c(14012008)	84.24293c(14012008)
3746559.5	66.40968c(14012008)	66.54752c(14012008)	66.68350c(14012008)	66.81697c(14012008)	66.94773c(14012008)
3746509.5	47.01124c(14012008)	47.07378c(14012008)	47.13434c(14012008)	47.19232c(14012008)	47.24733c(14012008)
3746459.5	36.89397c(14012008)	36.93043c(14012008)	36.96463c(14012008)	36.99608c(14012008)	37.02446c(14012008)
3746409.5	30.54064c(14012008)	30.56515c(14012008)	30.58711c(14012008)	30.60619c(14012008)	30.62213c(14012008)
3746359.5	26.12138c(14012008)	26.13951c(14012008)	26.15486c(14012008)	26.16722c(14012008)	26.17640c(14012008)
3746309.5	22.84100c(14012008)	22.85539c(14012008)	22.86683c(14012008)	22.87520c(14012008)	22.88035c(14012008)
3746259.5	20.29400c(14012008)	20.30604c(14012008)	20.31502c(14012008)	20.32086c(14012008)	20.32346c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406703.57	406753.57	406803.57	406853.57	406903.57
3747209.5	14.52655c(14012008)	14.50657c(14012008)	14.48375c(14012008)	14.45803c(14012008)	14.42931c(14012008)
3747159.5	15.81652c(14012008)	15.79548c(14012008)	15.77156c(14012008)	15.74468c(14012008)	15.71475c(14012008)
3747109.5	17.34029c(14012008)	17.31795c(14012008)	17.29267c(14012008)	17.26440c(14012008)	17.23304c(14012008)
3747059.5	19.17236c(14012008)	19.14832c(14012008)	19.12131c(14012008)	19.09128c(14012008)	19.05817c(14012008)
3747009.5	21.42440c(14012008)	21.39802c(14012008)	21.36867c(14012008)	21.33632c(14012008)	21.30092c(14012008)
3746959.5	24.27256c(14012008)	24.24280c(14012008)	24.21009c(14012008)	24.17445c(14012008)	24.13587c(14012008)
3746909.5	28.01386c(14012008)	27.97883c(14012008)	27.94093c(14012008)	27.90026c(14012008)	27.85691c(14012008)
3746859.5	33.19579c(14012008)	33.15183c(14012008)	33.10513c(14012008)	33.05597c(14012008)	33.00464c(14012008)
3746809.5	40.96540c(14012008)	40.90423c(14012008)	40.84055c(14012008)	40.77491c(14012008)	40.70820c(14012008)
3746759.5	54.25896c(14012008)	54.15692c(14012008)	54.05269c(14012008)	53.94730c(14012008)	53.84323c(14012008)
3746709.5	83.94401c(14012008)	83.67787c(14012008)	83.41578c(14012008)	83.15967c(14012008)	82.91558c(14012008)
3746659.5	63.86186c(14012008)	63.24129c(14012008)	62.81897c(14012008)	62.58651c(14012008)	62.54257c(14012008)
3746609.5	59.57004c(14012008)	59.23278c(14012008)	59.01362c(14012008)	58.91158c(14012008)	58.92109c(14012008)
3746559.5	67.07569c(14012008)	67.20059c(14012008)	67.32198c(14012008)	67.43834c(14012008)	67.54508c(14012008)
3746509.5	47.29910c(14012008)	47.34725c(14012008)	47.39120c(14012008)	47.42989c(14012008)	47.46139c(14012008)
3746459.5	37.04949c(14012008)	37.07084c(14012008)	37.08806c(14012008)	37.10053c(14012008)	37.10740c(14012008)
3746409.5	30.63471c(14012008)	30.64364c(14012008)	30.64862c(14012008)	30.64924c(14012008)	30.64508c(14012008)
3746359.5	26.18221c(14012008)	26.18445c(14012008)	26.18288c(14012008)	26.17724c(14012008)	26.16726c(14012008)
3746309.5	22.88214c(14012008)	22.88043c(14012008)	22.87504c(14012008)	22.86576c(14012008)	22.85241c(14012008)
3746259.5	20.32274c(14012008)	20.31857c(14012008)	20.31082c(14012008)	20.29932c(14012008)	20.28394c(14012008)

*** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION   VALUES FOR
SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   ,
L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
L0000027   , L0000028   , . . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406953.57	407003.57	407053.57	407103.57	407153.57
3747209.5	14.39750c(14012008)	14.36247c(14012008)	14.32409c(14012008)	14.28219c(14012008)	14.23660c(14012008)
3747159.5	15.68167c(14012008)	15.64532c(14012008)	15.60555c(14012008)	15.56218c(14012008)	15.51502c(14012008)
3747109.5	17.19851c(14012008)	17.16066c(14012008)	17.11934c(14012008)	17.07436c(14012008)	17.02552c(14012008)
3747059.5	19.02187c(14012008)	18.98226c(14012008)	18.93916c(14012008)	18.89236c(14012008)	18.84164c(14012008)
3747009.5	21.26238c(14012008)	21.22058c(14012008)	21.17532c(14012008)	21.12636c(14012008)	21.07345c(14012008)
3746959.5	24.09430c(14012008)	24.04960c(14012008)	24.00155c(14012008)	23.94987c(14012008)	23.89424c(14012008)
3746909.5	27.81087c(14012008)	27.76203c(14012008)	27.71010c(14012008)	27.65469c(14012008)	27.59538c(14012008)
3746859.5	32.95134c(14012008)	32.89595c(14012008)	32.83803c(14012008)	32.77694c(14012008)	32.71210c(14012008)
3746809.5	40.64126c(14012008)	40.57405c(14012008)	40.50553c(14012008)	40.43443c(14012008)	40.35978c(14012008)
3746759.5	53.74431c(14012008)	53.65090c(14012008)	53.55908c(14012008)	53.46564c(14012008)	53.36890c(14012008)
3746709.5	82.70701c(14012008)	82.53770c(14012008)	82.37997c(14012008)	82.22295c(14012008)	82.06220c(14012008)
3746659.5	62.67943c(14012008)	62.99926c(14012008)	63.51532c(14012008)	64.23334c(14012008)	65.16592c(14012008)
3746609.5	59.05399c(14012008)	59.31426c(14012008)	59.69180c(14012008)	60.19953c(14012008)	84.44249c(14012008)
3746559.5	67.63095c(14012008)	67.69338c(14012008)	67.74311c(14012008)	67.78555c(14012008)	67.82227c(14012008)
3746509.5	47.48336c(14012008)	47.49524c(14012008)	47.49878c(14012008)	47.49566c(14012008)	47.48674c(14012008)
3746459.5	37.10790c(14012008)	37.10176c(14012008)	37.08930c(14012008)	37.07099c(14012008)	37.04710c(14012008)
3746409.5	30.63575c(14012008)	30.62106c(14012008)	30.60099c(14012008)	30.57560c(14012008)	30.54491c(14012008)
3746359.5	26.15269c(14012008)	26.13335c(14012008)	26.10914c(14012008)	26.07996c(14012008)	26.04572c(14012008)
3746309.5	22.83481c(14012008)	22.81278c(14012008)	22.78618c(14012008)	22.75487c(14012008)	22.71869c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 407203.57	407253.57	407303.57	407353.57	407403.57
3747209.5	14.18710c(14012008)	14.13348c(14012008)	14.07548c(14012008)	14.01282c(14012008)	13.94520c(14012008)
3747159.5	15.46385c(14012008)	15.40842c(14012008)	15.34845c(14012008)	15.28365c(14012008)	15.21368c(14012008)
3747109.5	16.97256c(14012008)	16.91522c(14012008)	16.85320c(14012008)	16.78617c(14012008)	16.71378c(14012008)
3747059.5	18.78671c(14012008)	18.72730c(14012008)	18.66307c(14012008)	18.59368c(14012008)	18.51872c(14012008)
3747009.5	21.01627c(14012008)	20.95450c(14012008)	20.88780c(14012008)	20.81578c(14012008)	20.73802c(14012008)
3746959.5	23.83430c(14012008)	23.76970c(14012008)	23.70004c(14012008)	23.62493c(14012008)	23.54391c(14012008)
3746909.5	27.53177c(14012008)	27.46342c(14012008)	27.38992c(14012008)	27.31083c(14012008)	27.22568c(14012008)
3746859.5	32.64296c(14012008)	32.56903c(14012008)	32.48986c(14012008)	32.40498c(14012008)	32.31389c(14012008)
3746809.5	40.28087c(14012008)	40.19712c(14012008)	40.10804c(14012008)	40.01313c(14012008)	39.91189c(14012008)
3746759.5	53.26788c(14012008)	53.16201c(14012008)	53.05072c(14012008)	52.93350c(14012008)	52.80987c(14012008)
3746709.5	81.89462c(14012008)	81.71855c(14012008)	81.53259c(14012008)	81.33561c(14012008)	81.12787c(14012008)
3746659.5	66.33145c(14012008)	67.75318c(14012008)	93.47308c(14012008)	68.66633c(14012008)	66.87811c(14012008)
3746609.5	83.64171c(14012008)	83.12323c(14012008)	82.89070c(14012008)	82.94806c(14012008)	83.30219c(14012008)
3746559.5	67.85363c(14012008)	67.87928c(14012008)	67.89864c(14012008)	67.91139c(14012008)	67.91702c(14012008)
3746509.5	47.47227c(14012008)	47.45213c(14012008)	47.42604c(14012008)	47.39361c(14012008)	47.35433c(14012008)
3746459.5	37.01771c(14012008)	36.98266c(14012008)	36.94166c(14012008)	36.89432c(14012008)	36.84015c(14012008)
3746409.5	30.50884c(14012008)	30.46719c(14012008)	30.41967c(14012008)	30.36588c(14012008)	30.30534c(14012008)

3746359.5 | 26.00626c(14012008) 25.96133c(14012008) 25.91064c(14012008)
25.85381c(14012008) 25.79034c(14012008)
3746309.5 | 22.67744c(14012008) 22.63088c(14012008) 22.57869c(14012008)
22.52050c(14012008) 22.45586c(14012008)
3746259.5 | 20.10111c(14012008) 20.05385c(14012008) 20.00112c(14012008)
19.94256c(14012008) 19.87774c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407453.57	407503.57	407553.57	407603.57	407653.57
3747209.5	13.87227c(14012008)	13.79365c(14012008)	13.70894c(14012008)	13.61766c(14012008)	13.51929c(14012008)
3747159.5	15.13817c(14012008)	15.05671c(14012008)	14.96884c(14012008)	14.87405c(14012008)	14.77175c(14012008)
3747109.5	16.63562c(14012008)	16.55125c(14012008)	16.46017c(14012008)	16.36182c(14012008)	16.25558c(14012008)
3747059.5	18.43778c(14012008)	18.35039c(14012008)	18.25600c(14012008)	18.15403c(14012008)	18.04380c(14012008)
3747009.5	20.65407c(14012008)	20.56343c(14012008)	20.46554c(14012008)	20.35978c(14012008)	20.24543c(14012008)
3746959.5	23.45652c(14012008)	23.36221c(14012008)	23.26042c(14012008)	23.15050c(14012008)	23.03173c(14012008)
3746909.5	27.13397c(14012008)	27.03516c(14012008)	26.92864c(14012008)	26.81377c(14012008)	26.68987c(14012008)
3746859.5	32.21608c(14012008)	32.11097c(14012008)	31.99796c(14012008)	31.87642c(14012008)	31.74572c(14012008)
3746809.5	39.80377c(14012008)	39.68819c(14012008)	39.56452c(14012008)	39.43212c(14012008)	39.29047c(14012008)
3746759.5	52.67928c(14012008)	52.54108c(14012008)	52.39460c(14012008)	52.23919c(14012008)	52.07437c(14012008)
3746709.5	80.90997c(14012008)	80.68222c(14012008)	80.44550c(14012008)	80.20082c(14012008)	79.94894c(14012008)
3746659.5	65.37423c(14012008)	64.12223c(14012008)	63.09544c(14012008)	62.27386c(14012008)	61.64192c(14012008)
3746609.5	83.96035c(14012008)	60.40013c(14012008)	59.69529c(14012008)	59.11935c(14012008)	58.66699c(14012008)
3746559.5	67.91484c(14012008)	67.90434c(14012008)	67.88461c(14012008)	67.85440c(14012008)	67.81246c(14012008)
3746509.5	47.30757c(14012008)	47.25256c(14012008)	47.18832c(14012008)	47.11357c(14012008)	47.02663c(14012008)

3746459.5 | 36.77851c(14012008) 36.70866c(14012008) 36.62963c(14012008)
36.54024c(14012008) 36.43893c(14012008)
3746409.5 | 30.23743c(14012008) 30.16145c(14012008) 30.07648c(14012008)
29.98144c(14012008) 29.87496c(14012008)
3746359.5 | 25.71968c(14012008) 25.64115c(14012008) 25.55391c(14012008)
25.45697c(14012008) 25.34914c(14012008)
3746309.5 | 22.38422c(14012008) 22.30496c(14012008) 22.21732c(14012008)
22.12042c(14012008) 22.01320c(14012008)
3746259.5 | 19.80616c(14012008) 19.72725c(14012008) 19.64031c(14012008)
19.54456c(14012008) 19.43909c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	407703.57	407753.57	407803.57	407853.57	407903.57
3747209.5	13.41324c(14012008)	13.29885c(14012008)	13.17539c(14012008)	13.04203c(14012008)	12.89783c(14012008)
3747159.5	14.66129c(14012008)	14.54193c(14012008)	14.41282c(14012008)	14.27298c(14012008)	14.12130c(14012008)
3747109.5	16.14072c(14012008)	16.01640c(14012008)	15.88167c(14012008)	15.73540c(14012008)	15.57629c(14012008)
3747059.5	17.92452c(14012008)	17.79530c(14012008)	17.65505c(14012008)	17.50251c(14012008)	17.33615c(14012008)
3747009.5	20.12169c(14012008)	19.98759c(14012008)	19.84197c(14012008)	19.68343c(14012008)	19.51021c(14012008)
3746959.5	22.90331c(14012008)	22.76428c(14012008)	22.61345c(14012008)	22.44931c(14012008)	22.26989c(14012008)
3746909.5	26.55620c(14012008)	26.41191c(14012008)	26.25592c(14012008)	26.08674c(14012008)	25.90219c(14012008)
3746859.5	31.60529c(14012008)	31.45461c(14012008)	31.29308c(14012008)	31.11955c(14012008)	30.93173c(14012008)
3746809.5	39.13927c(14012008)	38.97875c(14012008)	38.80972c(14012008)	38.63265c(14012008)	38.44537c(14012008)
3746759.5	51.90015c(14012008)	51.71804c(14012008)	51.53292c(14012008)	51.35282c(14012008)	51.17712c(14012008)
3746709.5	79.69088c(14012008)	79.43002c(14012008)	79.18003c(14012008)	78.99746c(14012008)	78.89806c(14012008)
3746659.5	61.18886c(14012008)	60.90800c(14012008)	60.80521c(14012008)	60.86187c(14012008)	61.07717c(14012008)
3746609.5	58.33392c(14012008)	58.11494c(14012008)	57.99074c(14012008)	57.98599c(14012008)	58.10218c(14012008)

3746559.5 | 67.75627c(14012008) 67.68028c(14012008) 67.56997c(14012008)
67.38941c(14012008) 67.12703c(14012008)
3746509.5 | 46.92496c(14012008) 46.80439c(14012008) 46.65796c(14012008)
46.47682c(14012008) 46.25697c(14012008)
3746459.5 | 36.32357c(14012008) 36.19126c(14012008) 36.03825c(14012008)
35.86055c(14012008) 35.65530c(14012008)
3746409.5 | 29.75529c(14012008) 29.62031c(14012008) 29.46751c(14012008)
29.29426c(14012008) 29.09812c(14012008)
3746359.5 | 25.22899c(14012008) 25.09482c(14012008) 24.94472c(14012008)
24.77661c(14012008) 24.58833c(14012008)
3746309.5 | 21.89446c(14012008) 21.76279c(14012008) 21.61660c(14012008)
21.45417c(14012008) 21.27359c(14012008)
3746259.5 | 19.32283c(14012008) 19.19460c(14012008) 19.05307c(14012008)
18.89673c(14012008) 18.72393c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 74
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 407953.57 408003.57 408053.57
408103.57 408153.57
- - - -

3746659.5 | 61.48289c(14012008) 62.07323c(14012008) 62.85608c(14012008)
63.84583c(14012008) 65.06253c(14012008)
3746609.5 | 58.30044c(14012008) 58.59863c(14012008) 82.40949c(14012008)
81.19427c(14012008) 80.24585c(14012008)
3746559.5 | 66.81283c(14012008) 66.46045c(14012008) 66.06992c(14012008)
65.63577c(14012008) 65.14909c(14012008)
3746509.5 | 46.00083c(14012008) 45.71000c(14012008) 45.38251c(14012008)
45.01318c(14012008) 44.59396c(14012008)
3746459.5 | 35.42087c(14012008) 35.15547c(14012008) 34.85590c(14012008)
34.51711c(14012008) 34.13194c(14012008)
3746409.5 | 28.87674c(14012008) 28.62751c(14012008) 28.34694c(14012008)
28.03036c(14012008) 27.67156c(14012008)
3746359.5 | 24.37757c(14012008) 24.14164c(14012008) 23.87727c(14012008)
23.58034c(14012008) 23.24561c(14012008)
3746309.5 | 21.07274c(14012008) 20.84917c(14012008) 20.59999c(14012008)
20.32169c(14012008) 20.01001c(14012008)
3746259.5 | 18.53280c(14012008) 18.32123c(14012008) 18.08675c(14012008)
17.82645c(14012008) 17.53697c(14012008)

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 75
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408203.57	408253.57	408303.57	408353.57	408403.57
3747209.5	11.74126c(14012008)	11.48792c(14012008)	11.21394c(14012008)	10.91844c(14012008)	10.60103c(14012008)
3747159.5	12.88247c(14012008)	12.60512c(14012008)	12.30262c(14012008)	11.97341c(14012008)	11.61644c(14012008)
3747109.5	14.25197c(14012008)	13.94839c(14012008)	13.61406c(14012008)	13.24640c(14012008)	12.84324c(14012008)
3747059.5	15.92466c(14012008)	15.59277c(14012008)	15.22328c(14012008)	14.81199c(14012008)	14.35501c(14012008)
3747009.5	18.01230c(14012008)	17.65047c(14012008)	17.24273c(14012008)	16.78253c(14012008)	16.26316c(14012008)
3746959.5	20.69010c(14012008)	20.29755c(14012008)	19.84926c(14012008)	19.33532c(14012008)	18.74466c(14012008)
3746909.5	24.25108c(14012008)	23.82859c(14012008)	23.33908c(14012008)	22.76811c(14012008)	22.09810c(14012008)
3746859.5	29.23038c(14012008)	28.78136c(14012008)	28.25309c(14012008)	27.62525c(14012008)	26.87124c(14012008)
3746809.5	36.73689c(14012008)	36.26971c(14012008)	35.71096c(14012008)	35.03349c(14012008)	34.19918c(14012008)

3746759.5 | 49.56858c(14012008) 49.10381c(14012008) 48.53646c(14012008)
47.83239c(14012008) 46.94082c(14012008)
3746709.5 | 77.87337c(14012008) 77.48581c(14012008) 76.98335c(14012008)
76.32626c(14012008) 75.45389c(14012008)
3746659.5 | 89.85967c(14012008) 64.19199c(14012008) 61.96518c(14012008)
59.84925c(14012008) 57.75172c(14012008)
3746609.5 | 79.53948c(14012008) 79.04757c(14012008) 78.73706c(14012008)
78.55889c(14012008) 53.67214c(14012008)
3746559.5 | 64.59705c(14012008) 63.96186c(14012008) 63.21829c(14012008)
62.32918c(14012008) 61.23724c(14012008)
3746509.5 | 44.11354c(14012008) 43.55630c(14012008) 42.90051c(14012008)
42.11521c(14012008) 41.15518c(14012008)
3746459.5 | 33.69063c(14012008) 33.18011c(14012008) 32.58278c(14012008)
31.87471c(14012008) 31.02313c(14012008)
3746409.5 | 27.26243c(14012008) 26.79246c(14012008) 26.24810c(14012008)
25.61189c(14012008) 24.86159c(14012008)
3746359.5 | 22.86656c(14012008) 22.43505c(14012008) 21.94106c(14012008)
21.37243c(14012008) 20.71486c(14012008)
3746309.5 | 19.65983c(14012008) 19.26505c(14012008) 18.81849c(14012008)
18.31203c(14012008) 17.73683c(14012008)
3746259.5 | 17.21438c(14012008) 16.85421c(14012008) 16.45151c(14012008)
16.00098c(14012008) 15.49742c(14012008)
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 14:33:44

PAGE 76
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD | X-COORD (METERS)
(METERS) | 408453.57 408503.57 408553.57
408603.57 408653.57
- - - -

3746859.5 | 25.95665c(14012008) 24.83892c(14012008) 23.47115c(14012008)
21.81657c(14012008) 20.04581c(12020624)
3746809.5 | 33.15373c(14012008) 31.81997c(14012008) 30.09251c(14012008)
27.84768c(14012008) 25.36364c(12020624)
3746759.5 | 45.78314c(14012008) 44.23263c(14012008) 42.07898c(14012008)
39.06596c(12020624) 35.17002c(12020624)
3746709.5 | 74.26641c(14012008) 72.58507c(14012008) 70.05976c(14012008)
66.38200c(12020624) 59.78499c(12020624)
3746659.5 | 55.53767c(14012008) 52.97870c(14012008) 49.61001c(14012008)
44.24992c(14012008) 32.54948c(14012008)
3746609.5 | 51.69920c(14012008) 49.32988c(14012008) 46.13518c(14012008)
41.06889c(14012008) 30.75771c(14012008)
3746559.5 | 59.85013c(14012008) 58.00958c(14012008) 55.42535c(14012008)
51.53218c(14012008) 45.26325c(14012008)
3746509.5 | 39.95259c(14012008) 38.40352c(14012008) 36.34883c(14012008)
33.56195c(14012008) 29.81514c(14012008)
3746459.5 | 29.98312c(14012008) 28.69439c(14012008) 27.08172c(14012008)
25.06980c(14012008) 22.63414c(14012008)
3746409.5 | 23.96967c(14012008) 22.90410c(14012008) 21.63310c(14012008)
20.13742c(14012008) 18.43297c(14012008)
3746359.5 | 19.95242c(14012008) 19.06935c(14012008) 18.05406c(14012008)
16.90606c(14012008) 15.64486c(14012008)
3746309.5 | 17.08419c(14012008) 16.34707c(14012008) 15.52265c(14012008)
14.61588c(14012008) 13.64273c(14012008)
3746259.5 | 14.93638c(14012008) 14.31527c(14012008) 13.63487c(14012008)
12.90099c(14012008) 12.12565c(14012008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.5	8.31288c(14012008)	7.90047c(14012008)	7.49281c(14012008)	7.14610c(12020624)	6.80682c(12020624)
3747159.5	8.96633c(14012008)	8.48242c(14012008)	8.04521c(12020624)	7.64112c(12020624)	7.24080c(12020624)
3747109.5	9.73719c(14012008)	9.17812c(12020624)	8.68874c(12020624)	8.20522c(12020624)	7.72287c(12020624)
3747059.5	10.66314c(14012008)	10.04024c(12020624)	9.44372c(12020624)	8.85108c(12020624)	8.25481c(12020624)
3747009.5	11.84035c(12020624)	11.08862c(12020624)	10.34084c(12020624)	9.59127c(12020624)	8.83219c(12020624)

```
 3746959.5 |     13.36593c(12020624)     12.39438c(12020624)     11.42037c(12020624)
 10.43370c(12020624)      9.43824c(12020624)
 3746909.5 |     15.38603c(12020624)     14.06915c(12020624)     12.73105c(12020624)
 11.37010c(12020624)     10.03522c(12020624)
 3746859.5 |     18.21061c(12020624)     16.29446c(12020624)     14.31652c(12020624)
 12.35230c(12020624)     10.55767c(12020624)
 3746809.5 |     22.49343c(12020624)     19.37119c(12020624)     16.16587c(12020624)
 13.25929c(12020624)     11.24508c(14012008)
 3746759.5 |     29.91757c(12020624)     23.74968c(12020624)     18.07261c(12020624)
 14.27604c(14012008)     11.95937c(14012008)
 3746709.5 |     46.56855c(12020624)     29.63494c(12020624)     19.98112c(14012008)
 15.36802c(14012008)     12.53513c(14012008)
 3746659.5 |     33.80976c(14012008)     35.18031c(14012008)     21.61504c(14012008)
 15.98409c(14012008)     12.83175c(14012008)
 3746609.5 |     31.76023c(14012008)     32.82715c(14012008)     21.13970c(14012008)
 15.81658c(14012008)     12.75369c(14012008)
 3746559.5 |     35.63475c(14012008)     25.66181c(14012008)     19.01927c(14012008)
 14.95902c(14012008)     12.32823c(14012008)
 3746509.5 |     25.20361c(14012008)     20.52804c(14012008)     16.66374c(14012008)
 13.78643c(14012008)     11.68131c(14012008)
 3746459.5 |     19.89134c(14012008)     17.12899c(14012008)     14.64925c(14012008)
 12.59252c(14012008)     10.94627c(14012008)
 3746409.5 |     16.59374c(14012008)     14.74665c(14012008)     13.02258c(14012008)
 11.50354c(14012008)     10.21155c(14012008)
 3746359.5 |     14.31533c(14012008)     12.98201c(14012008)     11.71076c(14012008)
 10.54957c(14012008)      9.52088c(14012008)
 3746309.5 |     12.63116c(14012008)     11.61749c(14012008)     10.63856c(14012008)
 9.72367c(14012008)      8.89026c(14012008)
 3746259.5 |     11.32695c(14012008)     10.52695c(14012008)      9.74792c(14012008)
 9.00861c(14012008)      8.32180c(14012008)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:33:44

                     PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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     112.25532  ON 12052806: AT (  405203.57,  3746609.46,
0.00,     0.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:33:44

                     PAGE  79
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*** 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	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	99.19664c	ON 14012008: AT (405203.57, 3746609.46, 0.00, 0.00, 0.00)	GC	UCART1

*** 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 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1588 Calm Hours Identified

A Total of 697 Missing Hours Identified (1.59 Percent)

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

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

ME W186	897	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	897	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS CA-91 NOX\14635 OPS
CA-91 NOX.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 1
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID NOX
   RUNORNOT RUN
   ERRORFIL "14635 OPS CA-91 NOX.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 53.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.4608
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   404395.595 3746960.389 0.0
   LOCATION L0000002     VOLUME   404442.911 3746936.509 0.0
   LOCATION L0000003     VOLUME   404490.226 3746912.629 0.0
   LOCATION L0000004     VOLUME   404537.541 3746888.749 0.0
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LOCATION L0000005     VOLUME   404584.857 3746864.869 0.0
LOCATION L0000006     VOLUME   404632.172 3746840.990 0.0
LOCATION L0000007     VOLUME   404679.488 3746817.110 0.0
LOCATION L0000008     VOLUME   404727.297 3746794.277 0.0
LOCATION L0000009     VOLUME   404775.833 3746772.989 0.0
LOCATION L0000010     VOLUME   404824.427 3746751.831 0.0
LOCATION L0000011     VOLUME   404873.874 3746732.908 0.0
LOCATION L0000012     VOLUME   404924.243 3746716.416 0.0
LOCATION L0000013     VOLUME   404975.439 3746702.855 0.0
LOCATION L0000014     VOLUME   405026.992 3746690.555 0.0
LOCATION L0000015     VOLUME   405078.545 3746678.256 0.0
LOCATION L0000016     VOLUME   405130.664 3746668.832 0.0
LOCATION L0000017     VOLUME   405183.039 3746660.718 0.0
LOCATION L0000018     VOLUME   405235.717 3746655.526 0.0
LOCATION L0000019     VOLUME   405288.643 3746652.722 0.0
LOCATION L0000020     VOLUME   405341.591 3746650.677 0.0
LOCATION L0000021     VOLUME   405394.590 3746650.389 0.0
LOCATION L0000022     VOLUME   405447.589 3746650.100 0.0
LOCATION L0000023     VOLUME   405500.588 3746649.812 0.0
LOCATION L0000024     VOLUME   405553.587 3746649.524 0.0
LOCATION L0000025     VOLUME   405606.587 3746649.235 0.0
LOCATION L0000026     VOLUME   405659.586 3746648.947 0.0
LOCATION L0000027     VOLUME   405712.585 3746648.658 0.0
LOCATION L0000028     VOLUME   405765.584 3746648.370 0.0
LOCATION L0000029     VOLUME   405818.584 3746648.081 0.0
LOCATION L0000030     VOLUME   405871.583 3746647.793 0.0
LOCATION L0000031     VOLUME   405924.582 3746647.612 0.0
LOCATION L0000032     VOLUME   405977.582 3746647.612 0.0
LOCATION L0000033     VOLUME   406030.582 3746647.612 0.0
LOCATION L0000034     VOLUME   406083.582 3746647.612 0.0
LOCATION L0000035     VOLUME   406136.582 3746647.612 0.0
LOCATION L0000036     VOLUME   406189.582 3746647.612 0.0
LOCATION L0000037     VOLUME   406242.582 3746647.612 0.0
LOCATION L0000038     VOLUME   406295.582 3746647.548 0.0
LOCATION L0000039     VOLUME   406348.581 3746647.292 0.0
LOCATION L0000040     VOLUME   406401.581 3746647.036 0.0
LOCATION L0000041     VOLUME   406454.580 3746646.780 0.0
LOCATION L0000042     VOLUME   406507.580 3746646.524 0.0
LOCATION L0000043     VOLUME   406560.579 3746646.268 0.0
LOCATION L0000044     VOLUME   406613.578 3746646.012 0.0
LOCATION L0000045     VOLUME   406666.578 3746645.756 0.0
LOCATION L0000046     VOLUME   406719.577 3746645.500 0.0
LOCATION L0000047     VOLUME   406772.577 3746645.244 0.0
LOCATION L0000048     VOLUME   406825.576 3746644.988 0.0
LOCATION L0000049     VOLUME   406878.575 3746644.732 0.0
LOCATION L0000050     VOLUME   406931.575 3746644.476 0.0
LOCATION L0000051     VOLUME   406984.574 3746644.326 0.0
LOCATION L0000052     VOLUME   407037.574 3746644.183 0.0
LOCATION L0000053     VOLUME   407090.574 3746644.040 0.0
LOCATION L0000054     VOLUME   407143.574 3746643.898 0.0
LOCATION L0000055     VOLUME   407196.574 3746643.755 0.0
LOCATION L0000056     VOLUME   407249.574 3746643.612 0.0
LOCATION L0000057     VOLUME   407302.573 3746643.470 0.0
LOCATION L0000058     VOLUME   407355.573 3746643.327 0.0
LOCATION L0000059     VOLUME   407408.573 3746643.184 0.0
LOCATION L0000060     VOLUME   407461.573 3746643.042 0.0
LOCATION L0000061     VOLUME   407514.573 3746642.899 0.0
LOCATION L0000062     VOLUME   407567.572 3746642.756 0.0
LOCATION L0000063     VOLUME   407620.572 3746642.614 0.0
LOCATION L0000064     VOLUME   407673.572 3746642.471 0.0
LOCATION L0000065     VOLUME   407726.572 3746642.328 0.0
LOCATION L0000066     VOLUME   407779.572 3746642.186 0.0
LOCATION L0000067     VOLUME   407832.571 3746642.043 0.0
LOCATION L0000068     VOLUME   407885.571 3746642.192 0.0
LOCATION L0000069     VOLUME   407938.571 3746642.369 0.0
LOCATION L0000070     VOLUME   407991.571 3746642.545 0.0
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   LOCATION L0000071     VOLUME   408044.570 3746642.721 0.0
   LOCATION L0000072     VOLUME   408097.570 3746642.897 0.0
   LOCATION L0000073     VOLUME   408150.570 3746643.073 0.0
   LOCATION L0000074     VOLUME   408203.569 3746643.249 0.0
   LOCATION L0000075     VOLUME   408256.569 3746643.425 0.0
   LOCATION L0000076     VOLUME   408309.569 3746643.602 0.0
   LOCATION L0000077     VOLUME   408362.568 3746643.778 0.0
   LOCATION L0000078     VOLUME   408415.568 3746643.954 0.0
   LOCATION L0000079     VOLUME   408468.568 3746644.130 0.0
   LOCATION L0000080     VOLUME   408521.568 3746644.306 0.0
   LOCATION L0000081     VOLUME   408574.567 3746644.482 0.0
   LOCATION L0000082     VOLUME   408627.567 3746644.659 0.0
   LOCATION L0000083     VOLUME   408680.567 3746644.835 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
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   SRCPARAM L0000002     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000003     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000004     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000005     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000006     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000007     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000008     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000009     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000010     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000011     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000012     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000013     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000014     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000015     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000016     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000017     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000018     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000019     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000020     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000022     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000023     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000025     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000026     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000027     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000028     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000030     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000031     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000032     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000034     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000035     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000036     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000037     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000038     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000039     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000040     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000041     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000042     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000044     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000046     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000047     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000048     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000049     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000050     0.0055518072      3.49     24.65      3.25
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   SRCPARAM L0000053     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000054     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000055     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000056     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000057     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000058     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000059     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000060     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000061     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000062     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000063     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000064     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000065     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000066     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000067     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000068     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000069     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000070     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000071     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000072     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000073     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000074     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000075     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000076     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000077     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000078     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000079     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000080     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000081     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000082     0.0055518072      3.49     24.65      3.25
   SRCPARAM L0000083     0.0055518072      3.49     24.65      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                   XYINC 404203.57 95 50.00 3746259.46 20 50.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00

HILL	7	0.00	0.00	0.00	0.00	0.00	0.00

HILL	11	0.00	0.00	0.00	0.00	0.00	0.00

HILL	15	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00
                    HILL   20     0.00
```

```
             ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     897       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     897       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       18:30:12

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    83 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: NOX

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

 **This Run Includes:     83 Source(s);       1 Source Group(s); and    1900 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 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:  16216

 **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) = 29.00 ; 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:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 OPS CA-91
NOX.ERR
**File for Summary of Results: 14635 OPS CA-91
NOX.SUM

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0000001	0	0.55518E-02	404395.6	3746960.4	0.0	3.49	24.65	3.25	YES
L0000002	0	0.55518E-02	404442.9	3746936.5	0.0	3.49	24.65	3.25	YES
L0000003	0	0.55518E-02	404490.2	3746912.6	0.0	3.49	24.65	3.25	YES
L0000004	0	0.55518E-02	404537.5	3746888.7	0.0	3.49	24.65	3.25	YES
L0000005	0	0.55518E-02	404584.9	3746864.9	0.0	3.49	24.65	3.25	YES
L0000006	0	0.55518E-02	404632.2	3746841.0	0.0	3.49	24.65	3.25	YES
L0000007	0	0.55518E-02	404679.5	3746817.1	0.0	3.49	24.65	3.25	YES
L0000008	0	0.55518E-02	404727.3	3746794.3	0.0	3.49	24.65	3.25	YES
L0000009	0	0.55518E-02	404775.8	3746773.0	0.0	3.49	24.65	3.25	YES
L0000010	0	0.55518E-02	404824.4	3746751.8	0.0	3.49	24.65	3.25	YES
L0000011	0	0.55518E-02	404873.9	3746732.9	0.0	3.49	24.65	3.25	

YES
L0000012 0 0.55518E-02 404924.2 3746716.4 0.0 3.49 24.65 3.25
YES
L0000013 0 0.55518E-02 404975.4 3746702.9 0.0 3.49 24.65 3.25
YES
L0000014 0 0.55518E-02 405027.0 3746690.6 0.0 3.49 24.65 3.25
YES
L0000015 0 0.55518E-02 405078.5 3746678.3 0.0 3.49 24.65 3.25
YES
L0000016 0 0.55518E-02 405130.7 3746668.8 0.0 3.49 24.65 3.25
YES
L0000017 0 0.55518E-02 405183.0 3746660.7 0.0 3.49 24.65 3.25
YES
L0000018 0 0.55518E-02 405235.7 3746655.5 0.0 3.49 24.65 3.25
YES
L0000019 0 0.55518E-02 405288.6 3746652.7 0.0 3.49 24.65 3.25
YES
L0000020 0 0.55518E-02 405341.6 3746650.7 0.0 3.49 24.65 3.25
YES
L0000021 0 0.55518E-02 405394.6 3746650.4 0.0 3.49 24.65 3.25
YES
L0000022 0 0.55518E-02 405447.6 3746650.1 0.0 3.49 24.65 3.25
YES
L0000023 0 0.55518E-02 405500.6 3746649.8 0.0 3.49 24.65 3.25
YES
L0000024 0 0.55518E-02 405553.6 3746649.5 0.0 3.49 24.65 3.25
YES
L0000025 0 0.55518E-02 405606.6 3746649.2 0.0 3.49 24.65 3.25
YES
L0000026 0 0.55518E-02 405659.6 3746648.9 0.0 3.49 24.65 3.25
YES
L0000027 0 0.55518E-02 405712.6 3746648.7 0.0 3.49 24.65 3.25
YES
L0000028 0 0.55518E-02 405765.6 3746648.4 0.0 3.49 24.65 3.25
YES
L0000029 0 0.55518E-02 405818.6 3746648.1 0.0 3.49 24.65 3.25
YES
L0000030 0 0.55518E-02 405871.6 3746647.8 0.0 3.49 24.65 3.25
YES
L0000031 0 0.55518E-02 405924.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000032 0 0.55518E-02 405977.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000033 0 0.55518E-02 406030.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000034 0 0.55518E-02 406083.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000035 0 0.55518E-02 406136.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000036 0 0.55518E-02 406189.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000037 0 0.55518E-02 406242.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000038 0 0.55518E-02 406295.6 3746647.5 0.0 3.49 24.65 3.25
YES
L0000039 0 0.55518E-02 406348.6 3746647.3 0.0 3.49 24.65 3.25
YES
L0000040 0 0.55518E-02 406401.6 3746647.0 0.0 3.49 24.65 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
L0000041	0	0.55518E-02	406454.6	3746646.8	0.0	3.49	24.65	3.25	YES
L0000042	0	0.55518E-02	406507.6	3746646.5	0.0	3.49	24.65	3.25	YES
L0000043	0	0.55518E-02	406560.6	3746646.3	0.0	3.49	24.65	3.25	YES
L0000044	0	0.55518E-02	406613.6	3746646.0	0.0	3.49	24.65	3.25	YES
L0000045	0	0.55518E-02	406666.6	3746645.8	0.0	3.49	24.65	3.25	YES
L0000046	0	0.55518E-02	406719.6	3746645.5	0.0	3.49	24.65	3.25	YES
L0000047	0	0.55518E-02	406772.6	3746645.2	0.0	3.49	24.65	3.25	YES
L0000048	0	0.55518E-02	406825.6	3746645.0	0.0	3.49	24.65	3.25	YES
L0000049	0	0.55518E-02	406878.6	3746644.7	0.0	3.49	24.65	3.25	YES
L0000050	0	0.55518E-02	406931.6	3746644.5	0.0	3.49	24.65	3.25	YES
L0000051	0	0.55518E-02	406984.6	3746644.3	0.0	3.49	24.65	3.25	YES
L0000052	0	0.55518E-02	407037.6	3746644.2	0.0	3.49	24.65	3.25	YES
L0000053	0	0.55518E-02	407090.6	3746644.0	0.0	3.49	24.65	3.25	YES
L0000054	0	0.55518E-02	407143.6	3746643.9	0.0	3.49	24.65	3.25	YES
L0000055	0	0.55518E-02	407196.6	3746643.8	0.0	3.49	24.65	3.25	YES
L0000056	0	0.55518E-02	407249.6	3746643.6	0.0	3.49	24.65	3.25	YES
L0000057	0	0.55518E-02	407302.6	3746643.5	0.0	3.49	24.65	3.25	YES
L0000058	0	0.55518E-02	407355.6	3746643.3	0.0	3.49	24.65	3.25	YES
L0000059	0	0.55518E-02	407408.6	3746643.2	0.0	3.49	24.65	3.25	YES
L0000060	0	0.55518E-02	407461.6	3746643.0	0.0	3.49	24.65	3.25	YES
L0000061	0	0.55518E-02	407514.6	3746642.9	0.0	3.49	24.65	3.25	YES
L0000062	0	0.55518E-02	407567.6	3746642.8	0.0	3.49	24.65	3.25	YES
L0000063	0	0.55518E-02	407620.6	3746642.6	0.0	3.49	24.65	3.25	YES
L0000064	0	0.55518E-02	407673.6	3746642.5	0.0	3.49	24.65	3.25	YES
L0000065	0	0.55518E-02	407726.6	3746642.3	0.0	3.49	24.65	3.25	YES
L0000066	0	0.55518E-02	407779.6	3746642.2	0.0	3.49	24.65	3.25	YES
L0000067	0	0.55518E-02	407832.6	3746642.0	0.0	3.49	24.65	3.25	

YES
L0000068 0 0.55518E-02 407885.6 3746642.2 0.0 3.49 24.65 3.25
YES
L0000069 0 0.55518E-02 407938.6 3746642.4 0.0 3.49 24.65 3.25
YES
L0000070 0 0.55518E-02 407991.6 3746642.5 0.0 3.49 24.65 3.25
YES
L0000071 0 0.55518E-02 408044.6 3746642.7 0.0 3.49 24.65 3.25
YES
L0000072 0 0.55518E-02 408097.6 3746642.9 0.0 3.49 24.65 3.25
YES
L0000073 0 0.55518E-02 408150.6 3746643.1 0.0 3.49 24.65 3.25
YES
L0000074 0 0.55518E-02 408203.6 3746643.2 0.0 3.49 24.65 3.25
YES
L0000075 0 0.55518E-02 408256.6 3746643.4 0.0 3.49 24.65 3.25
YES
L0000076 0 0.55518E-02 408309.6 3746643.6 0.0 3.49 24.65 3.25
YES
L0000077 0 0.55518E-02 408362.6 3746643.8 0.0 3.49 24.65 3.25
YES
L0000078 0 0.55518E-02 408415.6 3746644.0 0.0 3.49 24.65 3.25
YES
L0000079 0 0.55518E-02 408468.6 3746644.1 0.0 3.49 24.65 3.25
YES
L0000080 0 0.55518E-02 408521.6 3746644.3 0.0 3.49 24.65 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000081	0	0.55518E-02	408574.6	3746644.5	0.0	3.49	24.65	3.25	YES
L0000082	0	0.55518E-02	408627.6	3746644.7	0.0	3.49	24.65	3.25	YES
L0000083	0	0.55518E-02	408680.6	3746644.8	0.0	3.49	24.65	3.25	YES

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

```
 ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    ,
 L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
            L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    ,
            L0000063    , L0000064    ,

            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    ,
            L0000071    , L0000072    ,

            L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    ,
            L0000079    , L0000080    ,

            L0000081    , L0000082    , L0000083    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        18:30:12

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

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


             3010232.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
             L0000006    , L0000007    ,
 L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,
```

L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

```
 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       18:30:12

                     PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     405103.57    405153.57    405203.57    405253.57    405303.57    405353.57
   405403.57    405453.57    405503.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
```

0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

PAGE 11
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 405553.57 405603.57 405653.57 405703.57 405753.57 405803.57
405853.57 405903.57 405953.57
- - - -

0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

PAGE 12
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS) | X-COORD (METERS)
406003.57 406053.57 406103.57 406153.57 406203.57 406253.57 406303.57 406353.57 406403.57
- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406453.57	406503.57	406553.57	406603.57	406653.57	406703.57
406753.57	406803.57	406853.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
	407203.57	407253.57	407303.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407353.57	407403.57	407453.57	407503.57	407553.57	407603.57	407653.57	407703.57	407753.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408103.57	408153.57	408203.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
	408553.57	408603.57	408653.57			

- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57	405403.57	405453.57	405503.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 405553.57	405603.57	405653.57	405703.57	405753.57	405803.57	405853.57	405903.57	405953.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406003.57	406053.57	406103.57	406153.57	406203.57	406253.57	406303.57	406353.57	406403.57

```
 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        18:30:12

                     PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     406453.57    406503.57    406553.57    406603.57    406653.57    406703.57
    406753.57    406803.57    406853.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

3747009.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746959.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746909.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746859.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746809.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746759.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746709.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746659.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746609.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746559.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746509.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746459.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746409.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746359.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746309.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746259.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57	407253.57	407303.57				

3747209.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3747159.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3747109.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3747059.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3747009.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746959.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746909.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					
3746859.46		0.00		0.00		0.00		0.00		0.00	
0.00		0.00		0.00		0.00					

3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408103.57	408153.57	408203.57			

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14

L0000004	404553.6	3746859.5	-19.61
L0000004	404503.6	3746909.5	-13.21
L0000004	404553.6	3746909.5	-26.81
L0000005	404553.6	3746859.5	-21.25
L0000005	404603.6	3746859.5	-33.52
L0000005	404603.6	3746909.5	-4.64
L0000006	404603.6	3746809.5	-10.43
L0000006	404653.6	3746809.5	-14.89
L0000006	404603.6	3746859.5	-18.95
L0000006	404653.6	3746859.5	-24.73
L0000007	404653.6	3746809.5	-25.97
L0000007	404703.6	3746809.5	-27.73
L0000007	404653.6	3746859.5	-3.35
L0000007	404703.6	3746859.5	-4.28
L0000008	404703.6	3746759.5	-10.86
L0000008	404753.6	3746759.5	-9.38
L0000008	404703.6	3746809.5	-24.83
L0000008	404753.6	3746809.5	-22.65
L0000009	404753.6	3746759.5	-26.95
L0000009	404803.6	3746759.5	-22.14
L0000009	404753.6	3746809.5	-10.27
L0000009	404803.6	3746809.5	-7.18
L0000010	404803.6	3746709.5	-5.77
L0000010	404853.6	3746709.5	-1.57
L0000010	404803.6	3746759.5	-30.79
L0000010	404853.6	3746759.5	-22.87
L0000011	404853.6	3746709.5	-21.98
L0000011	404903.6	3746709.5	-15.16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000011	404853.6	3746759.5	-19.57
L0000011	404903.6	3746759.5	-13.16
L0000012	404903.6	3746709.5	-31.19
L0000012	404953.6	3746709.5	-22.86
L0000012	404903.6	3746759.5	-5.25
L0000012	404953.6	3746759.5	-0.91
L0000013	404953.6	3746659.5	-4.40
L0000013	405003.6	3746659.5	-1.28
L0000013	404953.6	3746709.5	-30.15
L0000013	405003.6	3746709.5	-24.10
L0000014	405003.6	3746659.5	-14.07
L0000014	405053.6	3746659.5	-12.09
L0000014	405003.6	3746709.5	-22.90
L0000014	405053.6	3746709.5	-20.38
L0000015	405053.6	3746659.5	-21.74
L0000015	405103.6	3746659.5	-21.70
L0000015	405053.6	3746709.5	-13.03
L0000015	405103.6	3746709.5	-13.00
L0000016	405103.6	3746659.5	-24.33
L0000016	405153.6	3746659.5	-28.25
L0000016	405103.6	3746709.5	-4.16

L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000023	405503.6	3746609.5	-12.54
L0000023	405453.6	3746659.5	-5.00
L0000023	405503.6	3746659.5	-42.90
L0000023	405553.6	3746659.5	0.86
L0000024	405553.6	3746609.5	-12.93
L0000024	405503.6	3746659.5	-2.00
L0000024	405553.6	3746659.5	-43.06
L0000024	405603.6	3746659.5	-2.04
L0000025	405603.6	3746609.5	-13.11
L0000025	405603.6	3746659.5	-42.34
L0000025	405653.6	3746659.5	-4.91
L0000026	405653.6	3746609.5	-13.05
L0000026	405653.6	3746659.5	-40.88
L0000026	405703.6	3746659.5	-7.77
L0000027	405703.6	3746609.5	-12.78
L0000027	405703.6	3746659.5	-38.93
L0000027	405753.6	3746659.5	-10.61
L0000028	405753.6	3746609.5	-12.27
L0000028	405753.6	3746659.5	-36.65
L0000028	405803.6	3746659.5	-13.43
L0000029	405803.6	3746609.5	-11.56
L0000029	405853.6	3746609.5	-0.89
L0000029	405803.6	3746659.5	-34.16
L0000029	405853.6	3746659.5	-16.21
L0000030	405853.6	3746609.5	-10.64
L0000030	405903.6	3746609.5	-3.07
L0000030	405853.6	3746659.5	-31.54
L0000030	405903.6	3746659.5	-18.95
L0000031	405903.6	3746609.5	-9.44
L0000031	405953.6	3746609.5	-5.08

L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	406053.6	3746609.5	-4.46
L0000034	406103.6	3746609.5	-9.93
L0000034	406053.6	3746659.5	-20.73
L0000034	406103.6	3746659.5	-29.76
L0000035	406103.6	3746609.5	-2.55
L0000035	406153.6	3746609.5	-11.23
L0000035	406103.6	3746659.5	-17.92
L0000035	406153.6	3746659.5	-32.29
L0000036	406153.6	3746609.5	-0.53
L0000036	406203.6	3746609.5	-12.36
L0000036	406153.6	3746659.5	-15.09
L0000036	406203.6	3746659.5	-34.67
L0000037	406253.6	3746609.5	-13.29
L0000037	406203.6	3746659.5	-12.23
L0000037	406253.6	3746659.5	-36.84
L0000038	406303.6	3746609.5	-14.08
L0000038	406253.6	3746659.5	-9.33
L0000038	406303.6	3746659.5	-38.66
L0000039	406353.6	3746609.5	-14.84
L0000039	406303.6	3746659.5	-6.37
L0000039	406353.6	3746659.5	-39.85
L0000040	406403.6	3746609.5	-15.37
L0000040	406353.6	3746659.5	-3.41
L0000040	406403.6	3746659.5	-40.42
L0000040	406453.6	3746659.5	0.46
L0000041	406453.6	3746609.5	-15.66
L0000041	406403.6	3746659.5	-0.44
L0000041	406453.6	3746659.5	-40.28
L0000041	406503.6	3746659.5	-2.39
L0000042	406503.6	3746609.5	-15.72
L0000042	406503.6	3746659.5	-39.45
L0000042	406553.6	3746659.5	-5.22
L0000043	406553.6	3746609.5	-15.53
L0000043	406553.6	3746659.5	-38.06
L0000043	406603.6	3746659.5	-8.03
L0000044	406603.6	3746609.5	-15.10
L0000044	406603.6	3746659.5	-36.23
L0000044	406653.6	3746659.5	-10.80
L0000045	406653.6	3746609.5	-14.44

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000045	406653.6	3746659.5	-34.10
L0000045	406703.6	3746659.5	-13.55
L0000046	406703.6	3746609.5	-13.56
L0000046	406753.6	3746609.5	-3.46
L0000046	406703.6	3746659.5	-31.76
L0000046	406753.6	3746659.5	-16.25
L0000047	406753.6	3746609.5	-12.48
L0000047	406803.6	3746609.5	-5.66
L0000047	406753.6	3746659.5	-29.26
L0000047	406803.6	3746659.5	-18.90
L0000048	406803.6	3746609.5	-11.21
L0000048	406853.6	3746609.5	-7.77
L0000048	406803.6	3746659.5	-26.66
L0000048	406853.6	3746659.5	-21.48
L0000049	406853.6	3746609.5	-9.76
L0000049	406903.6	3746609.5	-9.77
L0000049	406853.6	3746659.5	-23.98
L0000049	406903.6	3746659.5	-23.99
L0000050	406903.6	3746609.5	-8.16
L0000050	406953.6	3746609.5	-11.65
L0000050	406903.6	3746659.5	-21.24
L0000050	406953.6	3746659.5	-26.38
L0000051	406953.6	3746609.5	-6.34
L0000051	407003.6	3746609.5	-13.29
L0000051	406953.6	3746659.5	-18.50
L0000051	407003.6	3746659.5	-28.71
L0000052	407003.6	3746609.5	-4.40
L0000052	407053.6	3746609.5	-14.77
L0000052	407003.6	3746659.5	-15.72
L0000052	407053.6	3746659.5	-30.88
L0000053	407053.6	3746609.5	-2.35
L0000053	407103.6	3746609.5	-16.06
L0000053	407053.6	3746659.5	-12.91
L0000053	407103.6	3746659.5	-32.83
L0000054	407103.6	3746609.5	-0.21
L0000054	407153.6	3746609.5	-17.14
L0000054	407103.6	3746659.5	-10.07
L0000054	407153.6	3746659.5	-34.50
L0000055	407203.6	3746609.5	-18.00
L0000055	407153.6	3746659.5	-7.22

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID - - RECEPTOR LOCATION - - XR (METERS) YR (METERS) DISTANCE (METERS)

L0000066	407753.6	3746659.5	-21.78
L0000066	407803.6	3746659.5	-23.43
L0000067	407803.6	3746609.5	-9.38
L0000067	407853.6	3746609.5	-14.23
L0000067	407803.6	3746659.5	-19.17
L0000067	407853.6	3746659.5	-25.72
L0000068	407853.6	3746609.5	-7.22
L0000068	407903.6	3746609.5	-15.64
L0000068	407853.6	3746659.5	-16.63
L0000068	407903.6	3746659.5	-28.05
L0000069	407903.6	3746609.5	-4.96
L0000069	407953.6	3746609.5	-16.83
L0000069	407903.6	3746659.5	-14.05
L0000069	407953.6	3746659.5	-30.26
L0000070	407953.6	3746609.5	-2.61
L0000070	408003.6	3746609.5	-17.80
L0000070	407953.6	3746659.5	-11.40
L0000070	408003.6	3746659.5	-32.26
L0000071	408003.6	3746609.5	-0.20
L0000071	408053.6	3746609.5	-18.54
L0000071	408003.6	3746659.5	-8.71
L0000071	408053.6	3746659.5	-33.99
L0000072	408103.6	3746609.5	-19.03
L0000072	408053.6	3746659.5	-5.98
L0000072	408103.6	3746659.5	-35.38
L0000073	408153.6	3746609.5	-19.25
L0000073	408103.6	3746659.5	-3.22
L0000073	408153.6	3746659.5	-36.34
L0000074	408203.6	3746609.5	-19.21
L0000074	408153.6	3746659.5	-0.44
L0000074	408203.6	3746659.5	-36.79
L0000074	408253.6	3746659.5	-0.43
L0000075	408253.6	3746609.5	-18.90
L0000075	408253.6	3746659.5	-36.68
L0000075	408303.6	3746659.5	-3.34
L0000076	408303.6	3746609.5	-18.33
L0000076	408303.6	3746659.5	-36.04
L0000076	408353.6	3746659.5	-6.23
L0000077	408353.6	3746609.5	-17.52
L0000077	408403.6	3746609.5	0.47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55

L0000079	408503.6	3746659.5	-14.79
L0000080	408503.6	3746609.5	-13.78
L0000080	408553.6	3746609.5	-5.69
L0000080	408503.6	3746659.5	-29.47
L0000080	408553.6	3746659.5	-17.59
L0000081	408553.6	3746609.5	-12.16
L0000081	408603.6	3746609.5	-7.53
L0000081	408553.6	3746659.5	-27.21
L0000081	408603.6	3746659.5	-20.36
L0000082	408603.6	3746609.5	-10.40
L0000082	408653.6	3746609.5	-9.24
L0000082	408603.6	3746659.5	-24.80
L0000082	408653.6	3746659.5	-23.08
L0000083	408653.6	3746609.5	-8.50
L0000083	408703.6	3746609.5	-10.80
L0000083	408653.6	3746659.5	-22.29
L0000083	408703.6	3746659.5	-25.74

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82				

318. 10.1 283.8   2.0

First hour of profile data
YR MO DY HR HEIGHT F WDIR   WSPD AMB_TMP sigmaA sigmaW sigmaV
12 01 01 01   10.1 1 322.   0.96   283.8   99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112 ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS ***   07/06/23
*** AERMET - VERSION 16216 ***
***   ***   18:30:12

                    PAGE 40
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL   ***
                               INCLUDING SOURCE(S):   L0000001   , L0000002   ,
                               L0000003   , L0000004   , L0000005   ,
              L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
              L0000011   , L0000012   , L0000013   ,
              L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
              L0000019   , L0000020   , L0000021   ,
              L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
              L0000027   , L0000028   , . . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

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

 Y-COORD | X-COORD (METERS)
 (METERS) | 404203.57   404253.57   404303.57
 404353.57   404403.57
- - - -

3746509.5 | 1.02033 (12052806) 1.11340 (12052806) 1.21666 (12052806)
1.33033 (12052806) 1.45440 (12052806)
3746459.5 | 0.96127 (12052806) 1.04084 (12052806) 1.12799 (12052806)
1.22275 (12052806) 1.32504 (12052806)
3746409.5 | 0.90754 (12052806) 0.97620 (12052806) 1.05059 (12052806)
1.13068 (12052806) 1.21631 (12052806)
3746359.5 | 0.85856 (12052806) 0.91829 (12052806) 0.98242 (12052806)
1.05087 (12052806) 1.12348 (12052806)
3746309.5 | 0.81381 (12052806) 0.86615 (12052806) 0.92191 (12052806)
0.98099 (12052806) 1.04324 (12052806)
3746259.5 | 0.77281 (12052806) 0.81897 (12052806) 0.86782 (12052806)
0.91926 (12052806) 0.97313 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	404453.57	404503.57	404553.57	404603.57	404653.57
3747209.5	1.59455 (12052806)	1.64862 (12052806)	1.67821 (12052806)	1.68890 (12052806)	1.68660 (12052806)
3747159.5	1.92669 (12052806)	1.98283 (12052806)	1.99870 (12052806)	1.98834 (12052806)	1.96310 (12052806)
3747109.5	2.46236 (12052806)	2.49790 (12052806)	2.46853 (12052806)	2.40850 (12052806)	2.33737 (12052806)
3747059.5	3.47552 (14120316)	3.37418 (12052806)	3.20567 (12052806)	3.02868 (12052806)	2.86485 (12052806)
3747009.5	6.08828 (14120316)	5.08728 (12052806)	4.47782 (12052806)	4.01269 (12052806)	3.65245 (12052806)
3746959.5	7.39131 (13052506)	6.40059 (12052806)	7.10153 (12052806)	5.78779 (12052806)	4.94864 (12052806)
3746909.5	7.08737 (13052506)	6.45306 (13052506)	8.36384 (12052806)	7.01771 (12052806)	7.54623 (12052806)
3746859.5	7.34157 (12052806)	7.43766 (12052806)	7.39148 (13052506)	6.76557 (13052506)	6.00694 (12052806)
3746809.5	4.67407 (12052806)	6.03155 (12052806)	8.03748 (12052806)	7.74294 (12052806)	7.52544 (13052506)
3746759.5	3.48164 (12052806)	4.21586 (12052806)	5.14375 (12052806)	6.40396 (12052806)	8.31380 (12052806)
3746709.5	2.79552 (12052806)	3.26265 (12052806)	3.81346 (12052806)	4.48292 (12052806)	5.33113 (12052806)
3746659.5	2.34441 (12052806)	2.66923 (12052806)	3.03738 (12052806)	3.45962 (12052806)	3.95245 (12052806)

3746609.5 | 2.02237 (12052806) 2.26142 (12052806) 2.52540 (12052806)
2.81775 (12052806) 3.14348 (12052806)
3746559.5 | 1.77941 (12052806) 1.96246 (12052806) 2.16087 (12052806)
2.37553 (12052806) 2.60773 (12052806)
3746509.5 | 1.58873 (12052806) 1.73311 (12052806) 1.88742 (12052806)
2.05159 (12052806) 2.22564 (12052806)
3746459.5 | 1.43462 (12052806) 1.55118 (12052806) 1.67436 (12052806)
1.80379 (12052806) 1.93906 (12052806)
3746409.5 | 1.30722 (12052806) 1.40309 (12052806) 1.50350 (12052806)
1.60799 (12052806) 1.71604 (12052806)
3746359.5 | 1.19999 (12052806) 1.28007 (12052806) 1.36333 (12052806)
1.44932 (12052806) 1.53754 (12052806)
3746309.5 | 1.10839 (12052806) 1.17617 (12052806) 1.24621 (12052806)
1.31812 (12052806) 1.39143 (12052806)
3746259.5 | 1.02920 (12052806) 1.08721 (12052806) 1.14687 (12052806)
1.20780 (12052806) 1.26963 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 404703.57	404753.57	404803.57	404853.57	404903.57
3747209.5	1.67614 (12052806)	1.66112 (12052806)	1.64403 (12052806)	1.62652 (12052806)	1.60966 (12052806)
3747159.5	1.93064 (12052806)	1.89574 (12052806)	1.86130 (12052806)	1.82893 (12052806)	1.79951 (12052806)
3747109.5	2.26525 (12052806)	2.19708 (12052806)	2.13511 (12052806)	2.08016 (12052806)	2.03230 (12052806)
3747059.5	2.72024 (12052806)	2.59547 (12052806)	2.48916 (12052806)	2.39933 (12052806)	2.32394 (12052806)
3747009.5	3.36924 (12052806)	3.14407 (12052806)	2.96354 (12052806)	2.81793 (12052806)	2.70009 (12052806)
3746959.5	4.36876 (12052806)	3.94858 (12052806)	3.63401 (12052806)	3.39305 (12052806)	3.20582 (12052806)
3746909.5	6.13947 (12052806)	5.26196 (12052806)	4.66723 (12052806)	4.24235 (12052806)	3.92956 (12052806)
3746859.5	7.36784 (12052806)	7.91488 (12052806)	6.53110 (12052806)	5.65998 (12052806)	5.07553 (12052806)
3746809.5	7.13780 (13052506)	6.12538 (12052806)	7.91761 (12052806)	8.68271 (12052806)	7.26303 (12052806)
3746759.5	7.76556 (12052806)	7.72234 (13121916)	7.30976 (13052506)	6.68182 (13052506)	6.12665 (12052806)

3746709.5 | 6.46054 (12052806) 8.07319 (12052806) 7.44457 (12052806)
7.59164 (13121916) 7.68617 (13121916)
3746659.5 | 4.53973 (12052806) 5.25753 (12052806) 6.16031 (12052806)
7.31830 (12052806) 8.82371 (12052806)
3746609.5 | 3.50912 (12052806) 3.92260 (12052806) 4.39212 (12052806)
4.92316 (12052806) 5.51655 (12052806)
3746559.5 | 2.85897 (12052806) 3.13057 (12052806) 3.42297 (12052806)
3.73494 (12052806) 4.06352 (12052806)
3746509.5 | 2.40948 (12052806) 2.60273 (12052806) 2.80442 (12052806)
3.01284 (12052806) 3.22560 (12052806)
3746459.5 | 2.07960 (12052806) 2.22466 (12052806) 2.37316 (12052806)
2.52366 (12052806) 2.67442 (12052806)
3746409.5 | 1.82702 (12052806) 1.94016 (12052806) 2.05452 (12052806)
2.16898 (12052806) 2.28228 (12052806)
3746359.5 | 1.62739 (12052806) 1.71820 (12052806) 1.80921 (12052806)
1.89955 (12052806) 1.98829 (12052806)
3746309.5 | 1.46564 (12052806) 1.54018 (12052806) 1.61444 (12052806)
1.68776 (12052806) 1.75943 (12052806)
3746259.5 | 1.33193 (12052806) 1.39423 (12052806) 1.45604 (12052806)
1.51685 (12052806) 1.57612 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	404953.57	405003.57	405053.57	405103.57	405153.57
3747209.5	1.59409 (12052806)	1.58018 (12052806)	1.56809 (12052806)	1.55787 (12052806)	1.54948 (12052806)
3747159.5	1.77344 (12052806)	1.75080 (12052806)	1.73152 (12052806)	1.71542 (12052806)	1.70227 (12052806)
3747109.5	1.99121 (12052806)	1.95639 (12052806)	1.92725 (12052806)	1.90323 (12052806)	1.88377 (12052806)
3747059.5	2.26105 (12052806)	2.20894 (12052806)	2.16609 (12052806)	2.13122 (12052806)	2.10323 (12052806)
3747009.5	2.60460 (12052806)	2.52726 (12052806)	2.46477 (12052806)	2.41460 (12052806)	2.37478 (12052806)
3746959.5	3.05897 (12052806)	2.94299 (12052806)	2.85104 (12052806)	2.77827 (12052806)	2.72123 (12052806)
3746909.5	3.69449 (12052806)	3.51459 (12052806)	3.37503 (12052806)	3.26632 (12052806)	3.18233 (12052806)
3746859.5	4.66518 (12052806)	4.36520 (12052806)	4.13881 (12052806)	3.96583 (12052806)	3.83477 (12052806)

3746809.5 | 6.39603 (12052806) 5.81286 (12052806) 5.39135 (12052806)
5.07906 (12052806) 4.85036 (12052806)
3746759.5 | 7.95382 (12052806) 9.05215 (12052806) 7.96521 (12052806)
7.22231 (12052806) 6.72233 (12052806)
3746709.5 | 7.31649 (13121916) 6.70183 (13121916) 6.37069 (12052806)
6.23755 (12052806) 8.45270 (12052806)
3746659.5 | 7.66230 (12052806) 6.18972 (13121916) 6.51521 (13121916)
6.60501 (13121916) 6.56204 (12052806)
3746609.5 | 6.17239 (12052806) 6.90594 (12052806) 7.75082 (12052806)
8.68185 (12052806) 9.65671 (12052806)
3746559.5 | 4.40553 (12052806) 4.75960 (12052806) 5.12341 (12052806)
5.48593 (12052806) 5.82951 (12052806)
3746509.5 | 3.44011 (12052806) 3.65378 (12052806) 3.86319 (12052806)
4.06290 (12052806) 4.24569 (12052806)
3746459.5 | 2.82355 (12052806) 2.96902 (12052806) 3.10843 (12052806)
3.23887 (12052806) 3.35707 (12052806)
3746409.5 | 2.39305 (12052806) 2.49986 (12052806) 2.60114 (12052806)
2.69523 (12052806) 2.78049 (12052806)
3746359.5 | 2.07444 (12052806) 2.15701 (12052806) 2.23496 (12052806)
2.30729 (12052806) 2.37310 (12052806)
3746309.5 | 1.82874 (12052806) 1.89497 (12052806) 1.95744 (12052806)
2.01550 (12052806) 2.06862 (12052806)
3746259.5 | 1.63332 (12052806) 1.68794 (12052806) 1.73949 (12052806)
1.78756 (12052806) 1.83179 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
405203.57 405253.57 405303.57
405353.57 405403.57
- - - -

3746909.5 | 3.11868 (12052806) 3.07179 (12052806) 3.03844 (12052806)
3.01568 (12052806) 3.00090 (12052806)
3746859.5 | 3.73771 (12052806) 3.66818 (12052806) 3.62035 (12052806)
3.58896 (12052806) 3.56941 (12052806)
3746809.5 | 4.68703 (12052806) 4.57492 (12052806) 4.50148 (12052806)
4.45592 (12052806) 4.42939 (12052806)
3746759.5 | 6.38657 (12052806) 6.17220 (12052806) 6.04134 (12052806)
5.96597 (12052806) 5.92722 (12052806)
3746709.5 | 7.95511 (12052806) 10.02231 (12052806) 9.68070 (12052806)
9.49244 (12052806) 9.42727 (12052806)
3746659.5 | 6.68183 (16112016) 7.08559 (16112016) 7.33061 (16112016)
7.53453 (16112016) 7.73191 (16112016)
3746609.5 | 10.57817 (12052806) 8.28340 (12052806) 8.39871 (12052806)
8.39259 (12052806) 8.39160 (12052806)
3746559.5 | 6.13022 (12052806) 6.36641 (12052806) 6.53688 (12052806)
6.65002 (12052806) 6.71721 (12052806)
3746509.5 | 4.40389 (12052806) 4.53216 (12052806) 4.63015 (12052806)
4.70134 (12052806) 4.75160 (12052806)
3746459.5 | 3.46004 (12052806) 3.54600 (12052806) 3.61498 (12052806)
3.66867 (12052806) 3.70989 (12052806)
3746409.5 | 2.85558 (12052806) 2.91979 (12052806) 2.97325 (12052806)
3.01687 (12052806) 3.05214 (12052806)
3746359.5 | 2.43171 (12052806) 2.48282 (12052806) 2.52654 (12052806)
2.56342 (12052806) 2.59428 (12052806)
3746309.5 | 2.11643 (12052806) 2.15877 (12052806) 2.19575 (12052806)
2.22769 (12052806) 2.25510 (12052806)
3746259.5 | 1.87197 (12052806) 1.90802 (12052806) 1.94000 (12052806)
1.96812 (12052806) 1.99271 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	405453.57	405503.57	405553.57	405603.57	405653.57
3747209.5	1.53002 (12052806)	1.53034 (12052806)	1.53122 (12052806)	1.53252 (12052806)	1.53413 (12052806)
3747159.5	1.66967 (12052806)	1.66931 (12052806)	1.66972 (12052806)	1.67071 (12052806)	1.67212 (12052806)
3747109.5	1.83458 (12052806)	1.83345 (12052806)	1.83335 (12052806)	1.83401 (12052806)	1.83521 (12052806)
3747059.5	2.03283 (12052806)	2.03085 (12052806)	2.03020 (12052806)	2.03050 (12052806)	2.03148 (12052806)

3747009.5 | 2.27661 (12052806) 2.27368 (12052806) 2.27244 (12052806)
2.27239 (12052806) 2.27314 (12052806)
3746959.5 | 2.58529 (12052806) 2.58131 (12052806) 2.57945 (12052806)
2.57903 (12052806) 2.57953 (12052806)
3746909.5 | 2.99185 (12052806) 2.98673 (12052806) 2.98420 (12052806)
2.98334 (12052806) 2.98351 (12052806)
3746859.5 | 3.55787 (12052806) 3.55143 (12052806) 3.54810 (12052806)
3.54659 (12052806) 3.54616 (12052806)
3746809.5 | 4.41461 (12052806) 4.40639 (12052806) 4.40169 (12052806)
4.39885 (12052806) 4.39698 (12052806)
3746759.5 | 5.90716 (12052806) 5.89521 (12052806) 5.88677 (12052806)
5.87991 (12052806) 5.87376 (12052806)
3746709.5 | 9.39264 (12052806) 9.36481 (12052806) 9.33832 (12052806)
9.31162 (12052806) 9.28437 (12052806)
3746659.5 | 7.98820 (16112016) 8.28036 (16112016) 8.97662 (13121916)
8.62822 (13121916) 8.31652 (13121916)
3746609.5 | 8.37671 (12052806) 8.37518 (12052806) 8.39265 (12052806)
8.43155 (12052806) 8.49352 (12052806)
3746559.5 | 6.76189 (12052806) 6.79701 (12052806) 6.82743 (12052806)
6.85515 (12052806) 6.88104 (12052806)
3746509.5 | 4.78811 (12052806) 4.81651 (12052806) 4.84006 (12052806)
4.86050 (12052806) 4.87878 (12052806)
3746459.5 | 3.74187 (12052806) 3.76741 (12052806) 3.78856 (12052806)
3.80662 (12052806) 3.82242 (12052806)
3746409.5 | 3.08072 (12052806) 3.10422 (12052806) 3.12391 (12052806)
3.14075 (12052806) 3.15537 (12052806)
3746359.5 | 2.62010 (12052806) 2.64184 (12052806) 2.66034 (12052806)
2.67626 (12052806) 2.69013 (12052806)
3746309.5 | 2.27857 (12052806) 2.29873 (12052806) 2.31612 (12052806)
2.33124 (12052806) 2.34447 (12052806)
3746259.5 | 2.01415 (12052806) 2.03285 (12052806) 2.04920 (12052806)
2.06355 (12052806) 2.07619 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	405703.57	405753.57	405803.57	405853.57	405903.57
3747209.5	1.53594 (12052806)	1.53786 (12052806)	1.53982 (12052806)	1.54176 (12052806)	1.54364 (12052806)
3747159.5	1.67380 (12052806)	1.67565 (12052806)	1.67758 (12052806)	1.67952 (12052806)	1.68141 (12052806)

```
3747109.5 |      1.83676 (12052806)      1.83854 (12052806)      1.84044 (12052806)
1.84237 (12052806)      1.84428 (12052806)
3747059.5 |      2.03291 (12052806)      2.03462 (12052806)      2.03648 (12052806)
2.03840 (12052806)      2.04032 (12052806)
3747009.5 |      2.27443 (12052806)      2.27605 (12052806)      2.27785 (12052806)
2.27975 (12052806)      2.28166 (12052806)
3746959.5 |      2.58064 (12052806)      2.58211 (12052806)      2.58381 (12052806)
2.58561 (12052806)      2.58747 (12052806)
3746909.5 |      2.98432 (12052806)      2.98551 (12052806)      2.98694 (12052806)
2.98853 (12052806)      2.99023 (12052806)
3746859.5 |      3.54634 (12052806)      3.54689 (12052806)      3.54769 (12052806)
3.54874 (12052806)      3.55004 (12052806)
3746809.5 |      4.39563 (12052806)      4.39457 (12052806)      4.39380 (12052806)
4.39343 (12052806)      4.39370 (12052806)
3746759.5 |      5.86791 (12052806)      5.86224 (12052806)      5.85687 (12052806)
5.85229 (12052806)      5.84943 (12052806)
3746709.5 |      9.25656 (12052806)      9.22859 (12052806)      9.20104 (12052806)
9.17550 (12052806)      9.15707 (12052806)
3746659.5 |      8.02773 (13121916)      7.75944 (13121916)      7.50992 (13121916)
7.27882 (13121916)      7.06513 (13121916)
3746609.5 |      8.57962 (12052806)      8.69100 (12052806)      8.82836 (12052806)
6.22801 (12052806)      6.20635 (12052806)
3746559.5 |      6.90554 (12052806)      6.92884 (12052806)      6.95084 (12052806)
6.97084 (12052806)      6.98694 (12052806)
3746509.5 |      4.89540 (12052806)      4.91062 (12052806)      4.92446 (12052806)
4.93674 (12052806)      4.94706 (12052806)
3746459.5 |      3.83646 (12052806)      3.84901 (12052806)      3.86023 (12052806)
3.87013 (12052806)      3.87867 (12052806)
3746409.5 |      3.16824 (12052806)      3.17963 (12052806)      3.18974 (12052806)
3.19866 (12052806)      3.20645 (12052806)
3746359.5 |      2.70230 (12052806)      2.71305 (12052806)      2.72257 (12052806)
2.73098 (12052806)      2.73839 (12052806)
3746309.5 |      2.35612 (12052806)      2.36642 (12052806)      2.37554 (12052806)
2.38364 (12052806)      2.39080 (12052806)
3746259.5 |      2.08737 (12052806)      2.09729 (12052806)      2.10611 (12052806)
2.11395 (12052806)      2.12091 (12052806)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        18:30:12

                     PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       405953.57              406003.57              406053.57
  406103.57              406153.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
```

3747209.5 | 1.54542 (12052806) 1.54706 (12052806) 1.54854 (12052806)
1.54984 (12052806) 1.55093 (12052806)
3747159.5 | 1.68321 (12052806) 1.68488 (12052806) 1.68639 (12052806)
1.68771 (12052806) 1.68882 (12052806)
3747109.5 | 1.84610 (12052806) 1.84781 (12052806) 1.84935 (12052806)
1.85070 (12052806) 1.85184 (12052806)
3747059.5 | 2.04217 (12052806) 2.04390 (12052806) 2.04548 (12052806)
2.04687 (12052806) 2.04802 (12052806)
3747009.5 | 2.28352 (12052806) 2.28528 (12052806) 2.28690 (12052806)
2.28832 (12052806) 2.28949 (12052806)
3746959.5 | 2.58932 (12052806) 2.59111 (12052806) 2.59276 (12052806)
2.59421 (12052806) 2.59541 (12052806)
3746909.5 | 2.99200 (12052806) 2.99378 (12052806) 2.99546 (12052806)
2.99696 (12052806) 2.99818 (12052806)
3746859.5 | 3.55159 (12052806) 3.55330 (12052806) 3.55502 (12052806)
3.55658 (12052806) 3.55784 (12052806)
3746809.5 | 4.39469 (12052806) 4.39623 (12052806) 4.39799 (12052806)
4.39967 (12052806) 4.40100 (12052806)
3746759.5 | 5.84892 (12052806) 5.85015 (12052806) 5.85204 (12052806)
5.85393 (12052806) 5.85543 (12052806)
3746709.5 | 9.15014 (12052806) 9.15084 (12052806) 9.15374 (12052806)
9.15748 (12052806) 9.16146 (12052806)
3746659.5 | 6.86563 (13121916) 6.69116 (12052806) 6.70819 (12052806)
6.74580 (12052806) 6.91561 (16112016)
3746609.5 | 6.19718 (12052806) 6.19948 (12052806) 6.21565 (16112016)
6.35530 (16112016) 6.49944 (16112016)
3746559.5 | 6.99768 (12052806) 7.00439 (12052806) 7.00931 (12052806)
7.01341 (12052806) 7.01713 (12052806)
3746509.5 | 4.95522 (12052806) 4.96155 (12052806) 4.96662 (12052806)
4.97093 (12052806) 4.97481 (12052806)
3746459.5 | 3.88587 (12052806) 3.89190 (12052806) 3.89699 (12052806)
3.90140 (12052806) 3.90534 (12052806)
3746409.5 | 3.21321 (12052806) 3.21905 (12052806) 3.22410 (12052806)
3.22852 (12052806) 3.23247 (12052806)
3746359.5 | 2.74490 (12052806) 2.75060 (12052806) 2.75559 (12052806)
2.75999 (12052806) 2.76390 (12052806)
3746309.5 | 2.39713 (12052806) 2.40272 (12052806) 2.40765 (12052806)
2.41200 (12052806) 2.41586 (12052806)
3746259.5 | 2.12709 (12052806) 2.13257 (12052806) 2.13743 (12052806)
2.14172 (12052806) 2.14552 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS) | X-COORD (METERS)
| 406203.57 406253.57 406303.57

3747209.5 | 1.55179 (12052806) 1.55242 (12052806) 1.55280 (12052806)
1.55292 (12052806) 1.55278 (12052806)
3747159.5 | 1.68970 (12052806) 1.69033 (12052806) 1.69070 (12052806)
1.69079 (12052806) 1.69061 (12052806)
3747109.5 | 1.85272 (12052806) 1.85335 (12052806) 1.85369 (12052806)
1.85374 (12052806) 1.85350 (12052806)
3747059.5 | 2.04892 (12052806) 2.04952 (12052806) 2.04983 (12052806)
2.04982 (12052806) 2.04948 (12052806)
3747009.5 | 2.29039 (12052806) 2.29096 (12052806) 2.29120 (12052806)
2.29108 (12052806) 2.29060 (12052806)
3746959.5 | 2.59629 (12052806) 2.59681 (12052806) 2.59692 (12052806)
2.59663 (12052806) 2.59592 (12052806)
3746909.5 | 2.99903 (12052806) 2.99944 (12052806) 2.99935 (12052806)
2.99874 (12052806) 2.99763 (12052806)
3746859.5 | 3.55864 (12052806) 3.55885 (12052806) 3.55836 (12052806)
3.55716 (12052806) 3.55530 (12052806)
3746809.5 | 4.40173 (12052806) 4.40158 (12052806) 4.40028 (12052806)
4.39780 (12052806) 4.39435 (12052806)
3746759.5 | 5.85613 (12052806) 5.85528 (12052806) 5.85198 (12052806)
5.84604 (12052806) 5.83839 (12052806)
3746709.5 | 9.16484 (12052806) 9.16519 (12052806) 9.15709 (12052806)
9.13751 (12052806) 9.11377 (12052806)
3746659.5 | 7.14275 (16112016) 7.38876 (16112016) 7.65563 (16112016)
7.94283 (16112016) 8.24521 (16112016)
3746609.5 | 8.87586 (12052806) 8.77597 (12052806) 8.70810 (12052806)
8.66388 (12052806) 8.64830 (12052806)
3746559.5 | 7.02103 (12052806) 7.02630 (12052806) 7.03493 (12052806)
7.04750 (12052806) 7.06183 (12052806)
3746509.5 | 4.97861 (12052806) 4.98281 (12052806) 4.98787 (12052806)
4.99388 (12052806) 5.00048 (12052806)
3746459.5 | 3.90905 (12052806) 3.91272 (12052806) 3.91654 (12052806)
3.92054 (12052806) 3.92464 (12052806)
3746409.5 | 3.23606 (12052806) 3.23944 (12052806) 3.24268 (12052806)
3.24581 (12052806) 3.24882 (12052806)
3746359.5 | 2.76741 (12052806) 2.77059 (12052806) 2.77351 (12052806)
2.77620 (12052806) 2.77865 (12052806)
3746309.5 | 2.41928 (12052806) 2.42234 (12052806) 2.42506 (12052806)
2.42748 (12052806) 2.42961 (12052806)
3746259.5 | 2.14887 (12052806) 2.15182 (12052806) 2.15441 (12052806)
2.15666 (12052806) 2.15859 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN

Y-COORD (METERS)	X-COORD (METERS)				
	406453.57	406503.57	406553.57	406603.57	406653.57
3747209.5	1.55236 (12052806)	1.55167 (12052806)	1.55070 (12052806)	1.54944 (12052806)	1.54790 (12052806)
3747159.5	1.69014 (12052806)	1.68938 (12052806)	1.68833 (12052806)	1.68699 (12052806)	1.68535 (12052806)
3747109.5	1.85295 (12052806)	1.85210 (12052806)	1.85095 (12052806)	1.84949 (12052806)	1.84773 (12052806)
3747059.5	2.04882 (12052806)	2.04784 (12052806)	2.04654 (12052806)	2.04492 (12052806)	2.04299 (12052806)
3747009.5	2.28977 (12052806)	2.28860 (12052806)	2.28708 (12052806)	2.28524 (12052806)	2.28306 (12052806)
3746959.5	2.59482 (12052806)	2.59333 (12052806)	2.59149 (12052806)	2.58930 (12052806)	2.58677 (12052806)
3746909.5	2.99606 (12052806)	2.99407 (12052806)	2.99169 (12052806)	2.98895 (12052806)	2.98587 (12052806)
3746859.5	3.55288 (12052806)	3.54999 (12052806)	3.54667 (12052806)	3.54298 (12052806)	3.53894 (12052806)
3746809.5	4.39017 (12052806)	4.38546 (12052806)	4.38030 (12052806)	4.37476 (12052806)	4.36887 (12052806)
3746759.5	5.82980 (12052806)	5.82064 (12052806)	5.81104 (12052806)	5.80108 (12052806)	5.79079 (12052806)
3746709.5	9.08822 (12052806)	9.06148 (12052806)	9.03386 (12052806)	9.00560 (12052806)	8.97703 (12052806)
3746659.5	8.77098 (13121916)	8.44402 (13121916)	8.14356 (13121916)	7.86432 (13121916)	7.60430 (13121916)
3746609.5	8.65912 (12052806)	8.69689 (12052806)	8.76256 (12052806)	8.85709 (12052806)	8.98167 (12052806)
3746559.5	7.07658 (12052806)	7.09129 (12052806)	7.10580 (12052806)	7.12005 (12052806)	7.13401 (12052806)
3746509.5	5.00723 (12052806)	5.01390 (12052806)	5.02036 (12052806)	5.02654 (12052806)	5.03241 (12052806)
3746459.5	3.92869 (12052806)	3.93257 (12052806)	3.93622 (12052806)	3.93957 (12052806)	3.94260 (12052806)
3746409.5	3.25166 (12052806)	3.25427 (12052806)	3.25661 (12052806)	3.25864 (12052806)	3.26034 (12052806)
3746359.5	2.78086 (12052806)	2.78279 (12052806)	2.78442 (12052806)	2.78574 (12052806)	2.78672 (12052806)
3746309.5	2.43145 (12052806)	2.43298 (12052806)	2.43420 (12052806)	2.43509 (12052806)	2.43564 (12052806)
3746259.5	2.16019 (12052806)	2.16147 (12052806)	2.16243 (12052806)	2.16305 (12052806)	2.16333 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	406703.57	406753.57	406803.57	406853.57	406903.57
3747209.5	1.54607 (12052806)	1.54394 (12052806)	1.54151 (12052806)	1.53877 (12052806)	1.53571 (12052806)
3747159.5	1.68341 (12052806)	1.68117 (12052806)	1.67862 (12052806)	1.67576 (12052806)	1.67257 (12052806)
3747109.5	1.84566 (12052806)	1.84328 (12052806)	1.84058 (12052806)	1.83757 (12052806)	1.83423 (12052806)
3747059.5	2.04074 (12052806)	2.03818 (12052806)	2.03530 (12052806)	2.03210 (12052806)	2.02858 (12052806)
3747009.5	2.28057 (12052806)	2.27776 (12052806)	2.27463 (12052806)	2.27119 (12052806)	2.26741 (12052806)
3746959.5	2.58392 (12052806)	2.58075 (12052806)	2.57726 (12052806)	2.57347 (12052806)	2.56936 (12052806)
3746909.5	2.98246 (12052806)	2.97872 (12052806)	2.97469 (12052806)	2.97035 (12052806)	2.96573 (12052806)
3746859.5	3.53457 (12052806)	3.52989 (12052806)	3.52491 (12052806)	3.51967 (12052806)	3.51420 (12052806)
3746809.5	4.36266 (12052806)	4.35614 (12052806)	4.34935 (12052806)	4.34235 (12052806)	4.33524 (12052806)
3746759.5	5.78019 (12052806)	5.76931 (12052806)	5.75819 (12052806)	5.74695 (12052806)	5.73585 (12052806)
3746709.5	8.94842 (12052806)	8.92000 (12052806)	8.89201 (12052806)	8.86467 (12052806)	8.83861 (12052806)
3746659.5	7.36158 (13121916)	7.13466 (13121916)	6.92212 (13121916)	6.72292 (13121916)	6.66517 (12052806)
3746609.5	6.34791 (12052806)	6.31189 (12052806)	6.28848 (12052806)	6.27758 (12052806)	6.39769 (16112016)
3746559.5	7.14766 (12052806)	7.16099 (12052806)	7.17395 (12052806)	7.18637 (12052806)	7.19777 (12052806)
3746509.5	5.03793 (12052806)	5.04307 (12052806)	5.04775 (12052806)	5.05188 (12052806)	5.05524 (12052806)
3746459.5	3.94526 (12052806)	3.94754 (12052806)	3.94937 (12052806)	3.95070 (12052806)	3.95143 (12052806)
3746409.5	3.26168 (12052806)	3.26263 (12052806)	3.26316 (12052806)	3.26323 (12052806)	3.26278 (12052806)
3746359.5	2.78733 (12052806)	2.78757 (12052806)	2.78740 (12052806)	2.78680 (12052806)	2.78574 (12052806)
3746309.5	2.43583 (12052806)	2.43564 (12052806)	2.43507 (12052806)	2.43408 (12052806)	2.43265 (12052806)
3746259.5	2.16325 (12052806)	2.16280 (12052806)	2.16197 (12052806)	2.16075 (12052806)	2.15911 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,

L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 406953.57	407003.57	407053.57	407103.57	407153.57
3747209.5	1.53232 (12052806)	1.52859 (12052806)	1.52450 (12052806)	1.52003 (12052806)	1.51518 (12052806)
3747159.5	1.66904 (12052806)	1.66517 (12052806)	1.66093 (12052806)	1.65631 (12052806)	1.65129 (12052806)
3747109.5	1.83055 (12052806)	1.82652 (12052806)	1.82212 (12052806)	1.81732 (12052806)	1.81212 (12052806)
3747059.5	2.02471 (12052806)	2.02049 (12052806)	2.01590 (12052806)	2.01091 (12052806)	2.00551 (12052806)
3747009.5	2.26331 (12052806)	2.25886 (12052806)	2.25403 (12052806)	2.24882 (12052806)	2.24318 (12052806)
3746959.5	2.56493 (12052806)	2.56016 (12052806)	2.55505 (12052806)	2.54954 (12052806)	2.54362 (12052806)
3746909.5	2.96083 (12052806)	2.95562 (12052806)	2.95009 (12052806)	2.94419 (12052806)	2.93787 (12052806)
3746859.5	3.50852 (12052806)	3.50262 (12052806)	3.49645 (12052806)	3.48994 (12052806)	3.48304 (12052806)
3746809.5	4.32811 (12052806)	4.32095 (12052806)	4.31364 (12052806)	4.30607 (12052806)	4.29811 (12052806)
3746759.5	5.72530 (12052806)	5.71535 (12052806)	5.70556 (12052806)	5.69560 (12052806)	5.68529 (12052806)
3746709.5	8.81635 (12052806)	8.79828 (12052806)	8.78145 (12052806)	8.76470 (12052806)	8.74755 (12052806)
3746659.5	6.67980 (12052806)	6.71398 (12052806)	6.83880 (16112016)	7.04772 (16112016)	7.27411 (16112016)
3746609.5	6.54634 (16112016)	6.70410 (16112016)	6.86683 (16112016)	7.03738 (16112016)	9.00301 (12052806)
3746559.5	7.20694 (12052806)	7.21361 (12052806)	7.21892 (12052806)	7.22346 (12052806)	7.22739 (12052806)
3746509.5	5.05759 (12052806)	5.05886 (12052806)	5.05924 (12052806)	5.05891 (12052806)	5.05797 (12052806)
3746459.5	3.95149 (12052806)	3.95084 (12052806)	3.94951 (12052806)	3.94756 (12052806)	3.94502 (12052806)
3746409.5	3.26179 (12052806)	3.26023 (12052806)	3.25809 (12052806)	3.25538 (12052806)	3.25212 (12052806)
3746359.5	2.78418 (12052806)	2.78212 (12052806)	2.77954 (12052806)	2.77644 (12052806)	2.77279 (12052806)
3746309.5	2.43078 (12052806)	2.42843 (12052806)	2.42560 (12052806)	2.42226 (12052806)	2.41841 (12052806)
3746259.5	2.15704 (12052806)	2.15452 (12052806)	2.15154 (12052806)	2.14808 (12052806)	2.14412 (12052806)

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

INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407203.57	407253.57	407303.57	407353.57	407403.57
3747209.5	1.50990 (12052806)	1.50419 (12052806)	1.49801 (12052806)	1.49134 (12052806)	1.48414 (12052806)
3747159.5	1.64584 (12052806)	1.63993 (12052806)	1.63355 (12052806)	1.62665 (12052806)	1.61919 (12052806)
3747109.5	1.80648 (12052806)	1.80037 (12052806)	1.79377 (12052806)	1.78663 (12052806)	1.77892 (12052806)
3747059.5	1.99966 (12052806)	1.99333 (12052806)	1.98649 (12052806)	1.97910 (12052806)	1.97112 (12052806)
3747009.5	2.23709 (12052806)	2.23051 (12052806)	2.22341 (12052806)	2.21574 (12052806)	2.20746 (12052806)
3746959.5	2.53723 (12052806)	2.53035 (12052806)	2.52293 (12052806)	2.51493 (12052806)	2.50630 (12052806)
3746909.5	2.93110 (12052806)	2.92382 (12052806)	2.91599 (12052806)	2.90756 (12052806)	2.89850 (12052806)
3746859.5	3.47567 (12052806)	3.46780 (12052806)	3.45936 (12052806)	3.45032 (12052806)	3.44062 (12052806)
3746809.5	4.28971 (12052806)	4.28078 (12052806)	4.27129 (12052806)	4.26118 (12052806)	4.25040 (12052806)
3746759.5	5.67452 (12052806)	5.66324 (12052806)	5.65138 (12052806)	5.63888 (12052806)	5.62571 (12052806)
3746709.5	8.72967 (12052806)	8.71088 (12052806)	8.69105 (12052806)	8.67003 (12052806)	8.64787 (12052806)
3746659.5	7.51954 (16112016)	7.78570 (16112016)	9.96762 (12052806)	8.39425 (13121916)	8.07884 (13121916)
3746609.5	8.91744 (12052806)	8.86204 (12052806)	8.83721 (12052806)	8.84336 (12052806)	8.88123 (12052806)
3746559.5	7.23075 (12052806)	7.23350 (12052806)	7.23558 (12052806)	7.23696 (12052806)	7.23758 (12052806)
3746509.5	5.05643 (12052806)	5.05429 (12052806)	5.05151 (12052806)	5.04807 (12052806)	5.04389 (12052806)
3746459.5	3.94189 (12052806)	3.93816 (12052806)	3.93379 (12052806)	3.92875 (12052806)	3.92299 (12052806)
3746409.5	3.24827 (12052806)	3.24384 (12052806)	3.23878 (12052806)	3.23305 (12052806)	3.22660 (12052806)
3746359.5	2.76859 (12052806)	2.76380 (12052806)	2.75840 (12052806)	2.75235 (12052806)	2.74559 (12052806)
3746309.5	2.41401 (12052806)	2.40905 (12052806)	2.40350 (12052806)	2.39730 (12052806)	2.39041 (12052806)
3746259.5	2.13963 (12052806)	2.13460 (12052806)	2.12898 (12052806)	2.12274 (12052806)	2.11584 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 407453.57	407503.57	407553.57	407603.57	407653.57
3747209.5	1.47637 (12052806)	1.46800 (12052806)	1.45898 (12052806)	1.44926 (12052806)	1.43878 (12052806)
3747159.5	1.61115 (12052806)	1.60248 (12052806)	1.59312 (12052806)	1.58303 (12052806)	1.57213 (12052806)
3747109.5	1.77060 (12052806)	1.76161 (12052806)	1.75191 (12052806)	1.74144 (12052806)	1.73013 (12052806)
3747059.5	1.96250 (12052806)	1.95319 (12052806)	1.94314 (12052806)	1.93228 (12052806)	1.92054 (12052806)
3747009.5	2.19852 (12052806)	2.18887 (12052806)	2.17844 (12052806)	2.16718 (12052806)	2.15501 (12052806)
3746959.5	2.49700 (12052806)	2.48695 (12052806)	2.47611 (12052806)	2.46441 (12052806)	2.45176 (12052806)
3746909.5	2.88873 (12052806)	2.87821 (12052806)	2.86686 (12052806)	2.85463 (12052806)	2.84144 (12052806)
3746859.5	3.43020 (12052806)	3.41901 (12052806)	3.40697 (12052806)	3.39403 (12052806)	3.38011 (12052806)
3746809.5	4.23888 (12052806)	4.22657 (12052806)	4.21340 (12052806)	4.19930 (12052806)	4.18422 (12052806)
3746759.5	5.61180 (12052806)	5.59707 (12052806)	5.58147 (12052806)	5.56491 (12052806)	5.54735 (12052806)
3746709.5	8.62463 (12052806)	8.60034 (12052806)	8.57509 (12052806)	8.54899 (12052806)	8.52213 (12052806)
3746659.5	7.78271 (13121916)	7.50378 (13121916)	7.24005 (13121916)	6.98975 (13121916)	6.75132 (13121916)
3746609.5	8.95160 (12052806)	6.43677 (12052806)	6.36151 (12052806)	6.30003 (12052806)	6.25175 (12052806)
3746559.5	7.23736 (12052806)	7.23627 (12052806)	7.23419 (12052806)	7.23099 (12052806)	7.22655 (12052806)
3746509.5	5.03891 (12052806)	5.03306 (12052806)	5.02623 (12052806)	5.01827 (12052806)	5.00902 (12052806)
3746459.5	3.91642 (12052806)	3.90899 (12052806)	3.90058 (12052806)	3.89106 (12052806)	3.88027 (12052806)
3746409.5	3.21937 (12052806)	3.21128 (12052806)	3.20224 (12052806)	3.19212 (12052806)	3.18078 (12052806)
3746359.5	2.73807 (12052806)	2.72971 (12052806)	2.72042 (12052806)	2.71010 (12052806)	2.69862 (12052806)
3746309.5	2.38279 (12052806)	2.37435 (12052806)	2.36501 (12052806)	2.35470 (12052806)	2.34328 (12052806)
3746259.5	2.10822 (12052806)	2.09982 (12052806)	2.09056 (12052806)	2.08036 (12052806)	2.06913 (12052806)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR
SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   ,
L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
L0000027   , L0000028   , . . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	407703.57	407753.57	407803.57	407853.57	407903.57
3747209.5	1.42749 (12052806)	1.41531 (12052806)	1.40217 (12052806)	1.38797 (12052806)	1.37262 (12052806)
3747159.5	1.56037 (12052806)	1.54767 (12052806)	1.53392 (12052806)	1.51903 (12052806)	1.50288 (12052806)
3747109.5	1.71790 (12052806)	1.70466 (12052806)	1.69032 (12052806)	1.67475 (12052806)	1.65781 (12052806)
3747059.5	1.90785 (12052806)	1.89409 (12052806)	1.87916 (12052806)	1.86292 (12052806)	1.84521 (12052806)
3747009.5	2.14183 (12052806)	2.12755 (12052806)	2.11205 (12052806)	2.09517 (12052806)	2.07673 (12052806)
3746959.5	2.43809 (12052806)	2.42329 (12052806)	2.40723 (12052806)	2.38976 (12052806)	2.37066 (12052806)
3746909.5	2.82721 (12052806)	2.81184 (12052806)	2.79524 (12052806)	2.77723 (12052806)	2.75758 (12052806)
3746859.5	3.36516 (12052806)	3.34912 (12052806)	3.33192 (12052806)	3.31345 (12052806)	3.29345 (12052806)
3746809.5	4.16812 (12052806)	4.15102 (12052806)	4.13303 (12052806)	4.11418 (12052806)	4.09424 (12052806)
3746759.5	5.52880 (12052806)	5.50940 (12052806)	5.48969 (12052806)	5.47051 (12052806)	5.45181 (12052806)
3746709.5	8.49462 (12052806)	8.46681 (12052806)	8.44017 (12052806)	8.42073 (12052806)	8.41019 (12052806)
3746659.5	6.52341 (13121916)	6.49102 (12052806)	6.48010 (12052806)	6.48622 (12052806)	6.56249 (16112016)
3746609.5	6.35511 (16112016)	6.48963 (16112016)	6.63228 (16112016)	6.78390 (16112016)	6.94500 (16112016)
3746559.5	7.22058 (12052806)	7.21251 (12052806)	7.20079 (12052806)	7.18157 (12052806)	7.15362 (12052806)
3746509.5	4.99821 (12052806)	4.98538 (12052806)	4.96979 (12052806)	4.95050 (12052806)	4.92710 (12052806)
3746459.5	3.86800 (12052806)	3.85391 (12052806)	3.83762 (12052806)	3.81870 (12052806)	3.79685 (12052806)
3746409.5	3.16804 (12052806)	3.15367 (12052806)	3.13740 (12052806)	3.11896 (12052806)	3.09808 (12052806)
3746359.5	2.68582 (12052806)	2.67154 (12052806)	2.65556 (12052806)	2.63766 (12052806)	2.61762 (12052806)
3746309.5	2.33064 (12052806)	2.31662 (12052806)	2.30106 (12052806)	2.28377 (12052806)	2.26454 (12052806)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	407953.57	408003.57	408053.57	408103.57	408153.57
3747209.5	1.35601 (12052806)	1.33801 (12052806)	1.31850 (12052806)	1.29734 (12052806)	1.27439 (12052806)
3747159.5	1.48534 (12052806)	1.46626 (12052806)	1.44547 (12052806)	1.42280 (12052806)	1.39804 (12052806)
3747109.5	1.63934 (12052806)	1.61916 (12052806)	1.59707 (12052806)	1.57282 (12052806)	1.54617 (12052806)
3747059.5	1.82583 (12052806)	1.80458 (12052806)	1.78117 (12052806)	1.75533 (12052806)	1.72671 (12052806)
3747009.5	2.05650 (12052806)	2.03421 (12052806)	2.00955 (12052806)	1.98214 (12052806)	1.95154 (12052806)
3746959.5	2.34966 (12052806)	2.32645 (12052806)	2.30063 (12052806)	2.27174 (12052806)	2.23924 (12052806)
3746909.5	2.73598 (12052806)	2.71204 (12052806)	2.68527 (12052806)	2.65512 (12052806)	2.62090 (12052806)
3746859.5	3.27155 (12052806)	3.24722 (12052806)	3.21989 (12052806)	3.18888 (12052806)	3.15336 (12052806)
3746809.5	4.07264 (12052806)	4.04866 (12052806)	4.02153 (12052806)	3.99045 (12052806)	3.95446 (12052806)
3746759.5	5.43223 (12052806)	5.41043 (12052806)	5.38538 (12052806)	5.35616 (12052806)	5.32170 (12052806)
3746709.5	8.40122 (12052806)	8.39041 (12052806)	8.37627 (12052806)	8.35762 (12052806)	8.33320 (12052806)
3746659.5	6.76422 (16112016)	6.98826 (16112016)	7.23376 (16112016)	7.50189 (16112016)	7.79459 (16112016)
3746609.5	7.10329 (16112016)	7.26485 (16112016)	8.78668 (12052806)	8.65695 (12052806)	8.55576 (12052806)
3746559.5	7.12014 (12052806)	7.08260 (12052806)	7.04100 (12052806)	6.99476 (12052806)	6.94292 (12052806)
3746509.5	4.89982 (12052806)	4.86885 (12052806)	4.83398 (12052806)	4.79466 (12052806)	4.75002 (12052806)
3746459.5	3.77189 (12052806)	3.74364 (12052806)	3.71174 (12052806)	3.67567 (12052806)	3.63467 (12052806)
3746409.5	3.07451 (12052806)	3.04798 (12052806)	3.01811 (12052806)	2.98441 (12052806)	2.94621 (12052806)

3746359.5 | 2.59518 (12052806) 2.57006 (12052806) 2.54192 (12052806)
2.51031 (12052806) 2.47467 (12052806)
3746309.5 | 2.24316 (12052806) 2.21936 (12052806) 2.19283 (12052806)
2.16320 (12052806) 2.13002 (12052806)
3746259.5 | 1.97265 (12052806) 1.95013 (12052806) 1.92516 (12052806)
1.89745 (12052806) 1.86664 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408203.57	408253.57	408303.57	408353.57	408403.57
3747209.5	1.24950 (12052806)	1.22253 (12052806)	1.19336 (12052806)	1.16190 (12052806)	1.12811 (12052806)
3747159.5	1.37100 (12052806)	1.34148 (12052806)	1.30928 (12052806)	1.27423 (12052806)	1.23623 (12052806)
3747109.5	1.51683 (12052806)	1.48451 (12052806)	1.44892 (12052806)	1.40978 (12052806)	1.36686 (12052806)
3747059.5	1.69495 (12052806)	1.65961 (12052806)	1.62028 (12052806)	1.57649 (12052806)	1.52784 (12052806)
3747009.5	1.91727 (12052806)	1.87875 (12052806)	1.83534 (12052806)	1.78635 (12052806)	1.73106 (12052806)
3746959.5	2.20248 (12052806)	2.16069 (12052806)	2.11296 (12052806)	2.05825 (12052806)	1.99536 (12052806)
3746909.5	2.58181 (12052806)	2.53683 (12052806)	2.48472 (12052806)	2.42393 (12052806)	2.35260 (12052806)
3746859.5	3.11234 (12052806)	3.06454 (12052806)	3.00830 (12052806)	2.94146 (12052806)	2.86117 (12052806)
3746809.5	3.91238 (12052806)	3.86265 (12052806)	3.80317 (12052806)	3.73104 (12052806)	3.64220 (12052806)
3746759.5	5.28064 (12052806)	5.23117 (12052806)	5.17077 (12052806)	5.09582 (12052806)	5.00089 (12052806)
3746709.5	8.30141 (12052806)	8.26019 (12052806)	8.20674 (12052806)	8.13682 (12052806)	8.04396 (12052806)
3746659.5	9.58287 (12052806)	7.35907 (13121916)	6.91549 (13121916)	6.45151 (13121916)	6.15585 (12052806)
3746609.5	8.48046 (12052806)	8.47907 (16112016)	8.66263 (16112016)	8.85808 (16112016)	5.92613 (16112016)
3746559.5	6.88412 (12052806)	6.81646 (12052806)	6.73727 (12052806)	6.64257 (12052806)	6.52627 (12052806)
3746509.5	4.69886 (12052806)	4.63953 (12052806)	4.56970 (12052806)	4.48608 (12052806)	4.38385 (12052806)

3746459.5 | 3.58768 (12052806) 3.53333 (12052806) 3.46973 (12052806)
3.39433 (12052806) 3.30366 (12052806)
3746409.5 | 2.90265 (12052806) 2.85261 (12052806) 2.79466 (12052806)
2.72692 (12052806) 2.64703 (12052806)
3746359.5 | 2.43432 (12052806) 2.38838 (12052806) 2.33579 (12052806)
2.27525 (12052806) 2.20524 (12052806)
3746309.5 | 2.09274 (12052806) 2.05071 (12052806) 2.00317 (12052806)
1.94925 (12052806) 1.88801 (12052806)
3746259.5 | 1.83229 (12052806) 1.79395 (12052806) 1.75108 (12052806)
1.70312 (12052806) 1.64950 (12052806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408453.57	408503.57	408553.57	408603.57	408653.57
3747209.5	1.09201 (12052806)	1.05371 (12052806)	1.01342 (12052806)	0.97149 (12052806)	0.92834 (12052806)
3747159.5	1.19524 (12052806)	1.15135 (12052806)	1.10479 (12052806)	1.05598 (12052806)	1.00551 (12052806)
3747109.5	1.32003 (12052806)	1.26930 (12052806)	1.21492 (12052806)	1.15737 (12052806)	1.09744 (12052806)
3747059.5	1.47400 (12052806)	1.41484 (12052806)	1.35052 (12052806)	1.28162 (12052806)	1.20920 (12052806)
3747009.5	1.66881 (12052806)	1.59915 (12052806)	1.52202 (12052806)	1.43802 (12052806)	1.34855 (12052806)
3746959.5	1.92308 (12052806)	1.84030 (12052806)	1.74641 (12052806)	1.64173 (12052806)	1.52812 (12052806)
3746909.5	2.26853 (12052806)	2.16943 (12052806)	2.05330 (12052806)	1.91947 (12052806)	1.76996 (12052806)
3746859.5	2.76379 (12052806)	2.64476 (12052806)	2.49910 (12052806)	2.32287 (12052806)	2.11669 (12052806)
3746809.5	3.53088 (12052806)	3.38884 (12052806)	3.20485 (12052806)	2.96571 (12052806)	2.71527 (12020617)
3746759.5	4.87762 (12052806)	4.71249 (12052806)	4.48307 (12052806)	4.15272 (12052806)	3.88491 (12020617)
3746709.5	7.91754 (12052806)	7.73849 (12052806)	7.46948 (12052806)	7.02863 (12052806)	6.79401 (12020617)
3746659.5	5.91977 (12052806)	5.74330 (16112016)	5.85928 (16112016)	5.95803 (16112016)	5.95150 (16112016)
3746609.5	6.01046 (16112016)	6.09606 (16112016)	6.17723 (16112016)	6.23731 (16112016)	6.20924 (16112016)

3746559.5 | 6.37853 (12052806) 6.18247 (12052806) 5.90714 (12052806)
5.49225 (12052806) 5.01244 (13041207)
3746509.5 | 4.25578 (12052806) 4.09079 (12052806) 3.87192 (12052806)
3.57500 (12052806) 3.18788 (13041207)
3746459.5 | 3.19291 (12052806) 3.05566 (12052806) 2.88390 (12052806)
2.66959 (12052806) 2.41011 (12052806)
3746409.5 | 2.55206 (12052806) 2.43859 (12052806) 2.30323 (12052806)
2.14394 (12052806) 1.96239 (12052806)
3746359.5 | 2.12405 (12052806) 2.03002 (12052806) 1.92191 (12052806)
1.79966 (12052806) 1.66535 (12052806)
3746309.5 | 1.81853 (12052806) 1.74004 (12052806) 1.65226 (12052806)
1.55571 (12052806) 1.45208 (12052806)
3746259.5 | 1.58977 (12052806) 1.52364 (12052806) 1.45120 (12052806)
1.37306 (12052806) 1.29051 (12052806)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:30:12

PAGE 58
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)			
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.5	0.88453 (12052806)	0.84062 (12052806)	0.79722 (12052806)	0.75488 (12052806)	0.72738 (12020617)
3747159.5	0.95410 (12052806)	0.90258 (12052806)	0.85178 (12052806)	0.81213 (12020617)	0.79679 (12020617)
3747109.5	1.03618 (12052806)	0.97477 (12052806)	0.91442 (12052806)	0.90129 (12020617)	0.87407 (12020617)
3747059.5	1.13478 (12052806)	1.06015 (12052806)	1.02888 (12020617)	1.00552 (12020617)	0.95696 (12020617)
3747009.5	1.25593 (12052806)	1.18820 (12020617)	1.17045 (12020617)	1.12517 (12020617)	1.03898 (12020617)
3746959.5	1.40916 (12052806)	1.38264 (12020617)	1.34535 (12020617)	1.25600 (12020617)	1.10600 (12020617)
3746909.5	1.66750 (12020617)	1.64201 (12020617)	1.55855 (12020617)	1.38229 (12020617)	1.16347 (12101617)
3746859.5	2.06073 (12020617)	1.99809 (12020617)	1.80202 (12020617)	1.46384 (12020617)	1.40727 (12101617)
3746809.5	2.67573 (12020617)	2.49344 (12020617)	2.02385 (12020617)	1.80516 (12101617)	1.70424 (12101617)
3746759.5	3.77053 (12020617)	3.13509 (12020617)	2.51408 (12101617)	2.25169 (12101617)	1.95221 (12101617)
3746709.5	6.14155 (12020617)	4.17054 (12101617)	3.22576 (12101617)	2.46487 (12101617)	1.91193 (12101617)

3746659.5 | 6.15112 (16112016) 6.36395 (16112016) 4.12004 (16112016)
3.03235 (16112016) 2.38559 (16112016)
3746609.5 | 6.34695 (16112016) 6.48946 (16112016) 4.60500 (16112016)
3.51400 (16112016) 2.80992 (16112016)
3746559.5 | 4.03506 (13041207) 3.79187 (13090518) 3.41812 (13090518)
2.98247 (13090518) 2.58340 (13090518)
3746509.5 | 2.76647 (13041207) 2.41601 (13090518) 2.36948 (13090518)
2.27989 (13090518) 2.14572 (13090518)
3746459.5 | 2.11790 (12052806) 1.82359 (12052806) 1.73028 (13090518)
1.71226 (13090518) 1.68086 (13090518)
3746409.5 | 1.76649 (12052806) 1.56975 (12052806) 1.38612 (12052806)
1.33389 (13090518) 1.32566 (13090518)
3746359.5 | 1.52376 (12052806) 1.38176 (12052806) 1.24638 (12052806)
1.12272 (12052806) 1.07242 (13090518)
3746309.5 | 1.34437 (12052806) 1.23643 (12052806) 1.13219 (12052806)
1.03477 (12052806) 0.94603 (12052806)
3746259.5 | 1.20547 (12052806) 1.12029 (12052806) 1.03734 (12052806)
0.95862 (12052806) 0.88550 (12052806)

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALL	1ST HIGH VALUE IS	10.57817	ON 12052806: AT (405203.57, 3746609.46, 0.00, 0.00, 0.00)	GC	UCART1

*** 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 2 Warning Message(s)
A Total of 2285 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of   1588 Calm Hours Identified

A Total of   697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS CA-91 PM10\14635 OPS
CA-91 PM10.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "14635 OPS CA-91 PM10.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 53.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.1573
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** ------------------------------------------------------------------------
   LOCATION L0000001     VOLUME   404395.595 3746960.389 0.0
   LOCATION L0000002     VOLUME   404442.911 3746936.509 0.0
   LOCATION L0000003     VOLUME   404490.226 3746912.629 0.0
   LOCATION L0000004     VOLUME   404537.541 3746888.749 0.0
```

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LOCATION L0000005     VOLUME   404584.857 3746864.869 0.0
LOCATION L0000006     VOLUME   404632.172 3746840.990 0.0
LOCATION L0000007     VOLUME   404679.488 3746817.110 0.0
LOCATION L0000008     VOLUME   404727.297 3746794.277 0.0
LOCATION L0000009     VOLUME   404775.833 3746772.989 0.0
LOCATION L0000010     VOLUME   404824.427 3746751.831 0.0
LOCATION L0000011     VOLUME   404873.874 3746732.908 0.0
LOCATION L0000012     VOLUME   404924.243 3746716.416 0.0
LOCATION L0000013     VOLUME   404975.439 3746702.855 0.0
LOCATION L0000014     VOLUME   405026.992 3746690.555 0.0
LOCATION L0000015     VOLUME   405078.545 3746678.256 0.0
LOCATION L0000016     VOLUME   405130.664 3746668.832 0.0
LOCATION L0000017     VOLUME   405183.039 3746660.718 0.0
LOCATION L0000018     VOLUME   405235.717 3746655.526 0.0
LOCATION L0000019     VOLUME   405288.643 3746652.722 0.0
LOCATION L0000020     VOLUME   405341.591 3746650.677 0.0
LOCATION L0000021     VOLUME   405394.590 3746650.389 0.0
LOCATION L0000022     VOLUME   405447.589 3746650.100 0.0
LOCATION L0000023     VOLUME   405500.588 3746649.812 0.0
LOCATION L0000024     VOLUME   405553.587 3746649.524 0.0
LOCATION L0000025     VOLUME   405606.587 3746649.235 0.0
LOCATION L0000026     VOLUME   405659.586 3746648.947 0.0
LOCATION L0000027     VOLUME   405712.585 3746648.658 0.0
LOCATION L0000028     VOLUME   405765.584 3746648.370 0.0
LOCATION L0000029     VOLUME   405818.584 3746648.081 0.0
LOCATION L0000030     VOLUME   405871.583 3746647.793 0.0
LOCATION L0000031     VOLUME   405924.582 3746647.612 0.0
LOCATION L0000032     VOLUME   405977.582 3746647.612 0.0
LOCATION L0000033     VOLUME   406030.582 3746647.612 0.0
LOCATION L0000034     VOLUME   406083.582 3746647.612 0.0
LOCATION L0000035     VOLUME   406136.582 3746647.612 0.0
LOCATION L0000036     VOLUME   406189.582 3746647.612 0.0
LOCATION L0000037     VOLUME   406242.582 3746647.612 0.0
LOCATION L0000038     VOLUME   406295.582 3746647.548 0.0
LOCATION L0000039     VOLUME   406348.581 3746647.292 0.0
LOCATION L0000040     VOLUME   406401.581 3746647.036 0.0
LOCATION L0000041     VOLUME   406454.580 3746646.780 0.0
LOCATION L0000042     VOLUME   406507.580 3746646.524 0.0
LOCATION L0000043     VOLUME   406560.579 3746646.268 0.0
LOCATION L0000044     VOLUME   406613.578 3746646.012 0.0
LOCATION L0000045     VOLUME   406666.578 3746645.756 0.0
LOCATION L0000046     VOLUME   406719.577 3746645.500 0.0
LOCATION L0000047     VOLUME   406772.577 3746645.244 0.0
LOCATION L0000048     VOLUME   406825.576 3746644.988 0.0
LOCATION L0000049     VOLUME   406878.575 3746644.732 0.0
LOCATION L0000050     VOLUME   406931.575 3746644.476 0.0
LOCATION L0000051     VOLUME   406984.574 3746644.326 0.0
LOCATION L0000052     VOLUME   407037.574 3746644.183 0.0
LOCATION L0000053     VOLUME   407090.574 3746644.040 0.0
LOCATION L0000054     VOLUME   407143.574 3746643.898 0.0
LOCATION L0000055     VOLUME   407196.574 3746643.755 0.0
LOCATION L0000056     VOLUME   407249.574 3746643.612 0.0
LOCATION L0000057     VOLUME   407302.573 3746643.470 0.0
LOCATION L0000058     VOLUME   407355.573 3746643.327 0.0
LOCATION L0000059     VOLUME   407408.573 3746643.184 0.0
LOCATION L0000060     VOLUME   407461.573 3746643.042 0.0
LOCATION L0000061     VOLUME   407514.573 3746642.899 0.0
LOCATION L0000062     VOLUME   407567.572 3746642.756 0.0
LOCATION L0000063     VOLUME   407620.572 3746642.614 0.0
LOCATION L0000064     VOLUME   407673.572 3746642.471 0.0
LOCATION L0000065     VOLUME   407726.572 3746642.328 0.0
LOCATION L0000066     VOLUME   407779.572 3746642.186 0.0
LOCATION L0000067     VOLUME   407832.571 3746642.043 0.0
LOCATION L0000068     VOLUME   407885.571 3746642.192 0.0
LOCATION L0000069     VOLUME   407938.571 3746642.369 0.0
LOCATION L0000070     VOLUME   407991.571 3746642.545 0.0
```

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   LOCATION L0000071     VOLUME   408044.570 3746642.721 0.0
   LOCATION L0000072     VOLUME   408097.570 3746642.897 0.0
   LOCATION L0000073     VOLUME   408150.570 3746643.073 0.0
   LOCATION L0000074     VOLUME   408203.569 3746643.249 0.0
   LOCATION L0000075     VOLUME   408256.569 3746643.425 0.0
   LOCATION L0000076     VOLUME   408309.569 3746643.602 0.0
   LOCATION L0000077     VOLUME   408362.568 3746643.778 0.0
   LOCATION L0000078     VOLUME   408415.568 3746643.954 0.0
   LOCATION L0000079     VOLUME   408468.568 3746644.130 0.0
   LOCATION L0000080     VOLUME   408521.568 3746644.306 0.0
   LOCATION L0000081     VOLUME   408574.567 3746644.482 0.0
   LOCATION L0000082     VOLUME   408627.567 3746644.659 0.0
   LOCATION L0000083     VOLUME   408680.567 3746644.835 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000002     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000003     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000004     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000005     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000006     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000007     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000008     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000009     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000010     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000011     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000012     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000013     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000014     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000015     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000016     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000017     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000018     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000019     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000020     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000021     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000022     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000023     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000024     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000025     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000026     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000027     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000028     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000029     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000030     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000031     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000032     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000033     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000034     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000035     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000036     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000037     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000038     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000039     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000040     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000041     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000042     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000043     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000044     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000045     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000046     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000047     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000048     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000049     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000050     0.0018951807      3.49     24.65      3.25
```

```
   SRCPARAM L0000051     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000052     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000053     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000054     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000055     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000056     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000057     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000058     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000059     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000060     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000061     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000062     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000063     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000064     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000065     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000066     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000067     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000068     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000069     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000070     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000071     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000072     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000073     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000074     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000075     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000076     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000077     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000078     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000079     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000080     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000081     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000082     0.0018951807      3.49     24.65      3.25
   SRCPARAM L0000083     0.0018951807      3.49     24.65      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                   XYINC 404203.57 95 50.00 3746259.46 20 50.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00

HILL	7	0.00	0.00	0.00	0.00	0.00	0.00

HILL	11	0.00	0.00	0.00	0.00	0.00	0.00

HILL	15	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00
                    HILL   20     0.00
```

```
             ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     897       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     897       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       18:55:26

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    83 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

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

 **This Run Includes:     83 Source(s);       1 Source Group(s); and    1900 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 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:  16216

 **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) = 29.00 ; 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:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 OPS CA-91 PM10.ERR
**File for Summary of Results: 14635 OPS CA-91 PM10.SUM

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:55:26

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0000001	0	0.18952E-02	404395.6	3746960.4	0.0	3.49	24.65	3.25	YES
L0000002	0	0.18952E-02	404442.9	3746936.5	0.0	3.49	24.65	3.25	YES
L0000003	0	0.18952E-02	404490.2	3746912.6	0.0	3.49	24.65	3.25	YES
L0000004	0	0.18952E-02	404537.5	3746888.7	0.0	3.49	24.65	3.25	YES
L0000005	0	0.18952E-02	404584.9	3746864.9	0.0	3.49	24.65	3.25	YES
L0000006	0	0.18952E-02	404632.2	3746841.0	0.0	3.49	24.65	3.25	YES
L0000007	0	0.18952E-02	404679.5	3746817.1	0.0	3.49	24.65	3.25	YES
L0000008	0	0.18952E-02	404727.3	3746794.3	0.0	3.49	24.65	3.25	YES
L0000009	0	0.18952E-02	404775.8	3746773.0	0.0	3.49	24.65	3.25	YES
L0000010	0	0.18952E-02	404824.4	3746751.8	0.0	3.49	24.65	3.25	YES
L0000011	0	0.18952E-02	404873.9	3746732.9	0.0	3.49	24.65	3.25	

YES
L0000012 0 0.18952E-02 404924.2 3746716.4 0.0 3.49 24.65 3.25
YES
L0000013 0 0.18952E-02 404975.4 3746702.9 0.0 3.49 24.65 3.25
YES
L0000014 0 0.18952E-02 405027.0 3746690.6 0.0 3.49 24.65 3.25
YES
L0000015 0 0.18952E-02 405078.5 3746678.3 0.0 3.49 24.65 3.25
YES
L0000016 0 0.18952E-02 405130.7 3746668.8 0.0 3.49 24.65 3.25
YES
L0000017 0 0.18952E-02 405183.0 3746660.7 0.0 3.49 24.65 3.25
YES
L0000018 0 0.18952E-02 405235.7 3746655.5 0.0 3.49 24.65 3.25
YES
L0000019 0 0.18952E-02 405288.6 3746652.7 0.0 3.49 24.65 3.25
YES
L0000020 0 0.18952E-02 405341.6 3746650.7 0.0 3.49 24.65 3.25
YES
L0000021 0 0.18952E-02 405394.6 3746650.4 0.0 3.49 24.65 3.25
YES
L0000022 0 0.18952E-02 405447.6 3746650.1 0.0 3.49 24.65 3.25
YES
L0000023 0 0.18952E-02 405500.6 3746649.8 0.0 3.49 24.65 3.25
YES
L0000024 0 0.18952E-02 405553.6 3746649.5 0.0 3.49 24.65 3.25
YES
L0000025 0 0.18952E-02 405606.6 3746649.2 0.0 3.49 24.65 3.25
YES
L0000026 0 0.18952E-02 405659.6 3746648.9 0.0 3.49 24.65 3.25
YES
L0000027 0 0.18952E-02 405712.6 3746648.7 0.0 3.49 24.65 3.25
YES
L0000028 0 0.18952E-02 405765.6 3746648.4 0.0 3.49 24.65 3.25
YES
L0000029 0 0.18952E-02 405818.6 3746648.1 0.0 3.49 24.65 3.25
YES
L0000030 0 0.18952E-02 405871.6 3746647.8 0.0 3.49 24.65 3.25
YES
L0000031 0 0.18952E-02 405924.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000032 0 0.18952E-02 405977.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000033 0 0.18952E-02 406030.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000034 0 0.18952E-02 406083.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000035 0 0.18952E-02 406136.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000036 0 0.18952E-02 406189.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000037 0 0.18952E-02 406242.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000038 0 0.18952E-02 406295.6 3746647.5 0.0 3.49 24.65 3.25
YES
L0000039 0 0.18952E-02 406348.6 3746647.3 0.0 3.49 24.65 3.25
YES
L0000040 0 0.18952E-02 406401.6 3746647.0 0.0 3.49 24.65 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
L0000041	0	0.18952E-02	406454.6	3746646.8	0.0	3.49	24.65	3.25	YES
L0000042	0	0.18952E-02	406507.6	3746646.5	0.0	3.49	24.65	3.25	YES
L0000043	0	0.18952E-02	406560.6	3746646.3	0.0	3.49	24.65	3.25	YES
L0000044	0	0.18952E-02	406613.6	3746646.0	0.0	3.49	24.65	3.25	YES
L0000045	0	0.18952E-02	406666.6	3746645.8	0.0	3.49	24.65	3.25	YES
L0000046	0	0.18952E-02	406719.6	3746645.5	0.0	3.49	24.65	3.25	YES
L0000047	0	0.18952E-02	406772.6	3746645.2	0.0	3.49	24.65	3.25	YES
L0000048	0	0.18952E-02	406825.6	3746645.0	0.0	3.49	24.65	3.25	YES
L0000049	0	0.18952E-02	406878.6	3746644.7	0.0	3.49	24.65	3.25	YES
L0000050	0	0.18952E-02	406931.6	3746644.5	0.0	3.49	24.65	3.25	YES
L0000051	0	0.18952E-02	406984.6	3746644.3	0.0	3.49	24.65	3.25	YES
L0000052	0	0.18952E-02	407037.6	3746644.2	0.0	3.49	24.65	3.25	YES
L0000053	0	0.18952E-02	407090.6	3746644.0	0.0	3.49	24.65	3.25	YES
L0000054	0	0.18952E-02	407143.6	3746643.9	0.0	3.49	24.65	3.25	YES
L0000055	0	0.18952E-02	407196.6	3746643.8	0.0	3.49	24.65	3.25	YES
L0000056	0	0.18952E-02	407249.6	3746643.6	0.0	3.49	24.65	3.25	YES
L0000057	0	0.18952E-02	407302.6	3746643.5	0.0	3.49	24.65	3.25	YES
L0000058	0	0.18952E-02	407355.6	3746643.3	0.0	3.49	24.65	3.25	YES
L0000059	0	0.18952E-02	407408.6	3746643.2	0.0	3.49	24.65	3.25	YES
L0000060	0	0.18952E-02	407461.6	3746643.0	0.0	3.49	24.65	3.25	YES
L0000061	0	0.18952E-02	407514.6	3746642.9	0.0	3.49	24.65	3.25	YES
L0000062	0	0.18952E-02	407567.6	3746642.8	0.0	3.49	24.65	3.25	YES
L0000063	0	0.18952E-02	407620.6	3746642.6	0.0	3.49	24.65	3.25	YES
L0000064	0	0.18952E-02	407673.6	3746642.5	0.0	3.49	24.65	3.25	YES
L0000065	0	0.18952E-02	407726.6	3746642.3	0.0	3.49	24.65	3.25	YES
L0000066	0	0.18952E-02	407779.6	3746642.2	0.0	3.49	24.65	3.25	YES
L0000067	0	0.18952E-02	407832.6	3746642.0	0.0	3.49	24.65	3.25	

YES
L0000068 0 0.18952E-02 407885.6 3746642.2 0.0 3.49 24.65 3.25
YES
L0000069 0 0.18952E-02 407938.6 3746642.4 0.0 3.49 24.65 3.25
YES
L0000070 0 0.18952E-02 407991.6 3746642.5 0.0 3.49 24.65 3.25
YES
L0000071 0 0.18952E-02 408044.6 3746642.7 0.0 3.49 24.65 3.25
YES
L0000072 0 0.18952E-02 408097.6 3746642.9 0.0 3.49 24.65 3.25
YES
L0000073 0 0.18952E-02 408150.6 3746643.1 0.0 3.49 24.65 3.25
YES
L0000074 0 0.18952E-02 408203.6 3746643.2 0.0 3.49 24.65 3.25
YES
L0000075 0 0.18952E-02 408256.6 3746643.4 0.0 3.49 24.65 3.25
YES
L0000076 0 0.18952E-02 408309.6 3746643.6 0.0 3.49 24.65 3.25
YES
L0000077 0 0.18952E-02 408362.6 3746643.8 0.0 3.49 24.65 3.25
YES
L0000078 0 0.18952E-02 408415.6 3746644.0 0.0 3.49 24.65 3.25
YES
L0000079 0 0.18952E-02 408468.6 3746644.1 0.0 3.49 24.65 3.25
YES
L0000080 0 0.18952E-02 408521.6 3746644.3 0.0 3.49 24.65 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000081	0	0.18952E-02	408574.6	3746644.5	0.0	3.49	24.65	3.25	YES
L0000082	0	0.18952E-02	408627.6	3746644.7	0.0	3.49	24.65	3.25	YES
L0000083	0	0.18952E-02	408680.6	3746644.8	0.0	3.49	24.65	3.25	YES

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

```
 ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    ,
 L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
            L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    ,
            L0000063    , L0000064    ,

            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    ,
            L0000071    , L0000072    ,

            L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    ,
            L0000079    , L0000080    ,

            L0000081    , L0000082    , L0000083    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       18:55:26

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                      *** SOURCE IDs DEFINED AS URBAN SOURCES ***

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


             3010232.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
             L0000006    , L0000007    ,
 L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,
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L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:55:26

PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS) | X-COORD (METERS)
405103.57 405153.57 405203.57 405253.57 405303.57 405353.57 405403.57 405453.57 405503.57
- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405853.57	405903.57	405953.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406003.57	406053.57	406103.57	406153.57	406203.57	406253.57	406303.57	406353.57	406403.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406453.57	406503.57	406553.57	406603.57	406653.57	406703.57
406753.57	406803.57	406853.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
	407203.57	407253.57	407303.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
	407653.57	407703.57	407753.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

Y-COORD (METERS)	X-COORD (METERS)								
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57	408103.57	408153.57	408203.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

- - - -

 3746909.46 | 0.00   0.00   0.00   0.00   0.00
 3746859.46 | 0.00   0.00   0.00   0.00   0.00
 3746809.46 | 0.00   0.00   0.00   0.00   0.00
 3746759.46 | 0.00   0.00   0.00   0.00   0.00
 3746709.46 | 0.00   0.00   0.00   0.00   0.00
 3746659.46 | 0.00   0.00   0.00   0.00   0.00
 3746609.46 | 0.00   0.00   0.00   0.00   0.00
 3746559.46 | 0.00   0.00   0.00   0.00   0.00
 3746509.46 | 0.00   0.00   0.00   0.00   0.00
 3746459.46 | 0.00   0.00   0.00   0.00   0.00
 3746409.46 | 0.00   0.00   0.00   0.00   0.00
 3746359.46 | 0.00   0.00   0.00   0.00   0.00
 3746309.46 | 0.00   0.00   0.00   0.00   0.00
 3746259.46 | 0.00   0.00   0.00   0.00   0.00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 404203.57   404253.57   404303.57   404353.57   404403.57   404453.57
    404503.57   404553.57   404603.57
 -
 - - - - - - - - - - - - - - - - - -

 3747209.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747159.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747109.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747059.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747009.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746959.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746909.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746859.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746809.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746759.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746709.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746659.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746609.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746559.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746509.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746459.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746409.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
	405403.57	405453.57	405503.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405853.57	405903.57	405953.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
	406303.57	406353.57	406403.57			

```
 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        18:55:26

                     PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     406453.57    406503.57    406553.57    406603.57    406653.57    406703.57
    406753.57    406803.57    406853.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57	407203.57	407253.57	407303.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407803.57	407853.57	407903.57	407953.57	408003.57	408053.57	408103.57	408153.57	408203.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 18:55:26

PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14

L0000004	404553.6	3746859.5	-19.61
L0000004	404503.6	3746909.5	-13.21
L0000004	404553.6	3746909.5	-26.81
L0000005	404553.6	3746859.5	-21.25
L0000005	404603.6	3746859.5	-33.52
L0000005	404603.6	3746909.5	-4.64
L0000006	404603.6	3746809.5	-10.43
L0000006	404653.6	3746809.5	-14.89
L0000006	404603.6	3746859.5	-18.95
L0000006	404653.6	3746859.5	-24.73
L0000007	404653.6	3746809.5	-25.97
L0000007	404703.6	3746809.5	-27.73
L0000007	404653.6	3746859.5	-3.35
L0000007	404703.6	3746859.5	-4.28
L0000008	404703.6	3746759.5	-10.86
L0000008	404753.6	3746759.5	-9.38
L0000008	404703.6	3746809.5	-24.83
L0000008	404753.6	3746809.5	-22.65
L0000009	404753.6	3746759.5	-26.95
L0000009	404803.6	3746759.5	-22.14
L0000009	404753.6	3746809.5	-10.27
L0000009	404803.6	3746809.5	-7.18
L0000010	404803.6	3746709.5	-5.77
L0000010	404853.6	3746709.5	-1.57
L0000010	404803.6	3746759.5	-30.79
L0000010	404853.6	3746759.5	-22.87
L0000011	404853.6	3746709.5	-21.98
L0000011	404903.6	3746709.5	-15.16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000011	404853.6	3746759.5	-19.57
L0000011	404903.6	3746759.5	-13.16
L0000012	404903.6	3746709.5	-31.19
L0000012	404953.6	3746709.5	-22.86
L0000012	404903.6	3746759.5	-5.25
L0000012	404953.6	3746759.5	-0.91
L0000013	404953.6	3746659.5	-4.40
L0000013	405003.6	3746659.5	-1.28
L0000013	404953.6	3746709.5	-30.15
L0000013	405003.6	3746709.5	-24.10
L0000014	405003.6	3746659.5	-14.07
L0000014	405053.6	3746659.5	-12.09
L0000014	405003.6	3746709.5	-22.90
L0000014	405053.6	3746709.5	-20.38
L0000015	405053.6	3746659.5	-21.74
L0000015	405103.6	3746659.5	-21.70
L0000015	405053.6	3746709.5	-13.03
L0000015	405103.6	3746709.5	-13.00
L0000016	405103.6	3746659.5	-24.33
L0000016	405153.6	3746659.5	-28.25
L0000016	405103.6	3746709.5	-4.16

L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000023	405503.6	3746609.5	-12.54
L0000023	405453.6	3746659.5	-5.00
L0000023	405503.6	3746659.5	-42.90
L0000023	405553.6	3746659.5	0.86
L0000024	405553.6	3746609.5	-12.93
L0000024	405503.6	3746659.5	-2.00
L0000024	405553.6	3746659.5	-43.06
L0000024	405603.6	3746659.5	-2.04
L0000025	405603.6	3746609.5	-13.11
L0000025	405603.6	3746659.5	-42.34
L0000025	405653.6	3746659.5	-4.91
L0000026	405653.6	3746609.5	-13.05
L0000026	405653.6	3746659.5	-40.88
L0000026	405703.6	3746659.5	-7.77
L0000027	405703.6	3746609.5	-12.78
L0000027	405703.6	3746659.5	-38.93
L0000027	405753.6	3746659.5	-10.61
L0000028	405753.6	3746609.5	-12.27
L0000028	405753.6	3746659.5	-36.65
L0000028	405803.6	3746659.5	-13.43
L0000029	405803.6	3746609.5	-11.56
L0000029	405853.6	3746609.5	-0.89
L0000029	405803.6	3746659.5	-34.16
L0000029	405853.6	3746659.5	-16.21
L0000030	405853.6	3746609.5	-10.64
L0000030	405903.6	3746609.5	-3.07
L0000030	405853.6	3746659.5	-31.54
L0000030	405903.6	3746659.5	-18.95
L0000031	405903.6	3746609.5	-9.44
L0000031	405953.6	3746609.5	-5.08

L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	406053.6	3746609.5	-4.46
L0000034	406103.6	3746609.5	-9.93
L0000034	406053.6	3746659.5	-20.73
L0000034	406103.6	3746659.5	-29.76
L0000035	406103.6	3746609.5	-2.55
L0000035	406153.6	3746609.5	-11.23
L0000035	406103.6	3746659.5	-17.92
L0000035	406153.6	3746659.5	-32.29
L0000036	406153.6	3746609.5	-0.53
L0000036	406203.6	3746609.5	-12.36
L0000036	406153.6	3746659.5	-15.09
L0000036	406203.6	3746659.5	-34.67
L0000037	406253.6	3746609.5	-13.29
L0000037	406203.6	3746659.5	-12.23
L0000037	406253.6	3746659.5	-36.84
L0000038	406303.6	3746609.5	-14.08
L0000038	406253.6	3746659.5	-9.33
L0000038	406303.6	3746659.5	-38.66
L0000039	406353.6	3746609.5	-14.84
L0000039	406303.6	3746659.5	-6.37
L0000039	406353.6	3746659.5	-39.85
L0000040	406403.6	3746609.5	-15.37
L0000040	406353.6	3746659.5	-3.41
L0000040	406403.6	3746659.5	-40.42
L0000040	406453.6	3746659.5	0.46
L0000041	406453.6	3746609.5	-15.66
L0000041	406403.6	3746659.5	-0.44
L0000041	406453.6	3746659.5	-40.28
L0000041	406503.6	3746659.5	-2.39
L0000042	406503.6	3746609.5	-15.72
L0000042	406503.6	3746659.5	-39.45
L0000042	406553.6	3746659.5	-5.22
L0000043	406553.6	3746609.5	-15.53
L0000043	406553.6	3746659.5	-38.06
L0000043	406603.6	3746659.5	-8.03
L0000044	406603.6	3746609.5	-15.10
L0000044	406603.6	3746659.5	-36.23
L0000044	406653.6	3746659.5	-10.80
L0000045	406653.6	3746609.5	-14.44

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000045	406653.6	3746659.5	-34.10
L0000045	406703.6	3746659.5	-13.55
L0000046	406703.6	3746609.5	-13.56
L0000046	406753.6	3746609.5	-3.46
L0000046	406703.6	3746659.5	-31.76
L0000046	406753.6	3746659.5	-16.25
L0000047	406753.6	3746609.5	-12.48
L0000047	406803.6	3746609.5	-5.66
L0000047	406753.6	3746659.5	-29.26
L0000047	406803.6	3746659.5	-18.90
L0000048	406803.6	3746609.5	-11.21
L0000048	406853.6	3746609.5	-7.77
L0000048	406803.6	3746659.5	-26.66
L0000048	406853.6	3746659.5	-21.48
L0000049	406853.6	3746609.5	-9.76
L0000049	406903.6	3746609.5	-9.77
L0000049	406853.6	3746659.5	-23.98
L0000049	406903.6	3746659.5	-23.99
L0000050	406903.6	3746609.5	-8.16
L0000050	406953.6	3746609.5	-11.65
L0000050	406903.6	3746659.5	-21.24
L0000050	406953.6	3746659.5	-26.38
L0000051	406953.6	3746609.5	-6.34
L0000051	407003.6	3746609.5	-13.29
L0000051	406953.6	3746659.5	-18.50
L0000051	407003.6	3746659.5	-28.71
L0000052	407003.6	3746609.5	-4.40
L0000052	407053.6	3746609.5	-14.77
L0000052	407003.6	3746659.5	-15.72
L0000052	407053.6	3746659.5	-30.88
L0000053	407053.6	3746609.5	-2.35
L0000053	407103.6	3746609.5	-16.06
L0000053	407053.6	3746659.5	-12.91
L0000053	407103.6	3746659.5	-32.83
L0000054	407103.6	3746609.5	-0.21
L0000054	407153.6	3746609.5	-17.14
L0000054	407103.6	3746659.5	-10.07
L0000054	407153.6	3746659.5	-34.50
L0000055	407203.6	3746609.5	-18.00
L0000055	407153.6	3746659.5	-7.22

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0000066	407753.6	3746659.5	-21.78
L0000066	407803.6	3746659.5	-23.43
L0000067	407803.6	3746609.5	-9.38
L0000067	407853.6	3746609.5	-14.23
L0000067	407803.6	3746659.5	-19.17
L0000067	407853.6	3746659.5	-25.72
L0000068	407853.6	3746609.5	-7.22
L0000068	407903.6	3746609.5	-15.64
L0000068	407853.6	3746659.5	-16.63
L0000068	407903.6	3746659.5	-28.05
L0000069	407903.6	3746609.5	-4.96
L0000069	407953.6	3746609.5	-16.83
L0000069	407903.6	3746659.5	-14.05
L0000069	407953.6	3746659.5	-30.26
L0000070	407953.6	3746609.5	-2.61
L0000070	408003.6	3746609.5	-17.80
L0000070	407953.6	3746659.5	-11.40
L0000070	408003.6	3746659.5	-32.26
L0000071	408003.6	3746609.5	-0.20
L0000071	408053.6	3746609.5	-18.54
L0000071	408003.6	3746659.5	-8.71
L0000071	408053.6	3746659.5	-33.99
L0000072	408103.6	3746609.5	-19.03
L0000072	408053.6	3746659.5	-5.98
L0000072	408103.6	3746659.5	-35.38
L0000073	408153.6	3746609.5	-19.25
L0000073	408103.6	3746659.5	-3.22
L0000073	408153.6	3746659.5	-36.34
L0000074	408203.6	3746609.5	-19.21
L0000074	408153.6	3746659.5	-0.44
L0000074	408203.6	3746659.5	-36.79
L0000074	408253.6	3746659.5	-0.43
L0000075	408253.6	3746609.5	-18.90
L0000075	408253.6	3746659.5	-36.68
L0000075	408303.6	3746659.5	-3.34
L0000076	408303.6	3746609.5	-18.33
L0000076	408303.6	3746659.5	-36.04
L0000076	408353.6	3746659.5	-6.23
L0000077	408353.6	3746609.5	-17.52
L0000077	408403.6	3746609.5	0.47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55

L0000079	408503.6	3746659.5	-14.79
L0000080	408503.6	3746609.5	-13.78
L0000080	408553.6	3746609.5	-5.69
L0000080	408503.6	3746659.5	-29.47
L0000080	408553.6	3746659.5	-17.59
L0000081	408553.6	3746609.5	-12.16
L0000081	408603.6	3746609.5	-7.53
L0000081	408553.6	3746659.5	-27.21
L0000081	408603.6	3746659.5	-20.36
L0000082	408603.6	3746609.5	-10.40
L0000082	408653.6	3746609.5	-9.24
L0000082	408603.6	3746659.5	-24.80
L0000082	408653.6	3746659.5	-23.08
L0000083	408653.6	3746609.5	-8.50
L0000083	408703.6	3746609.5	-10.80
L0000083	408653.6	3746659.5	-22.29
L0000083	408703.6	3746659.5	-25.74

*** 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
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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 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 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,

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

Surface file:
KFUL_V9_ADJU\KFUL_V9.SFC Met

Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82				

```
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       18:55:26

                      PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                 L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10    IN
                                       MICROGRAMS/M**3                          **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       404203.57              404253.57              404303.57
  404353.57              404403.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.5 |      0.24792m(13010324)      0.27383m(13010324)      0.30149m(13010324)
 0.32886m(13010324)      0.35318m(13010324)
 3747159.5 |      0.27259m(13010324)      0.30801m(13010324)      0.34799m(13010324)
 0.38898m(13010324)      0.42471m(13010324)
 3747109.5 |      0.30057m(13010324)      0.35054m(13010324)      0.41278m(13010324)
 0.48201m(13010324)      0.54144m(13010324)
 3747059.5 |      0.33019m(13010324)      0.40144m(13010324)      0.50605m(13010324)
 0.64826m(13010324)      0.77352m(13010324)
 3747009.5 |      0.35703m(13010324)      0.45371m(13010324)      0.63138m(13010324)
 1.02266m(13010324)      0.81561m(13010324)
 3746959.5 |      0.37422m(13010324)      0.48761m(13010324)      0.72573m(13010324)
 0.71131m(13010324)      0.66566m(13010324)
 3746909.5 |      0.37697m(13010324)      0.48623m(13010324)      0.69256m(13010324)
 1.16965m(13010324)      0.76903m(13010324)
 3746859.5 |      0.36684m(13010324)      0.45848m(13010324)      0.60396m(13010324)
 0.83995m(13010324)      1.19650m(13010324)
 3746809.5 |      0.34915m(13010324)      0.42200m(13010324)      0.52401m(13010324)
 0.66508m(13010324)      0.85183m(13010324)
 3746759.5 |      0.32859m(13010324)      0.38614m(13010324)      0.46049m(13010324)
 0.55498m(13010324)      0.67174m(13010324)
 3746709.5 |      0.30783m(13010324)      0.35380m(13010324)      0.41014m(13010324)
 0.47817m(13010324)      0.55872m(13010324)
 3746659.5 |      0.28810m(13010324)      0.32540m(13010324)      0.36947m(13010324)
 0.42090m(13010324)      0.48004m(13010324)
 3746609.5 |      0.26985m(13010324)      0.30059m(13010324)      0.33595m(13010324)
 0.37621m(13010324)      0.42151m(13010324)
 3746559.5 |      0.25318m(13010324)      0.27886m(13010324)      0.30782m(13010324)
 0.34017m(13010324)      0.37596m(13010324)
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3746509.5 | 0.23801m(13010324) 0.25974m(13010324) 0.28384m(13010324)
0.31037m(13010324) 0.33933m(13010324)
3746459.5 | 0.22423m(13010324) 0.24280m(13010324) 0.26313m(13010324)
0.28525m(13010324) 0.30912m(13010324)
3746409.5 | 0.21169m(13010324) 0.22771m(13010324) 0.24506m(13010324)
0.26375m(13010324) 0.28374m(13010324)
3746359.5 | 0.20025m(13010324) 0.21419m(13010324) 0.22915m(13010324)
0.24513m(13010324) 0.26207m(13010324)
3746309.5 | 0.18981m(13010324) 0.20202m(13010324) 0.21503m(13010324)
0.22882m(13010324) 0.24334m(13010324)
3746259.5 | 0.18024m(13010324) 0.19101m(13010324) 0.20241m(13010324)
0.21441m(13010324) 0.22697m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	404453.57	404503.57	404553.57	404603.57	404653.57
3747209.5	0.37210m(13010324)	0.38471m(13010324)	0.39161m(13010324)	0.39409m(13010324)	0.39354m(13010324)
3747159.5	0.44968m(13010324)	0.46278m(13010324)	0.46647m(13010324)	0.46403m(13010324)	0.45811m(13010324)
3747109.5	0.57480m(13010324)	0.58310m(13010324)	0.57622m(13010324)	0.56217m(13010324)	0.54554m(13010324)
3747059.5	0.80945m(13010324)	0.78774m(13010324)	0.74841m(13010324)	0.70705m(13010324)	0.66876m(13010324)
3747009.5	1.36786m(13010324)	1.18724m(13010324)	1.04538m(13010324)	0.93686m(13010324)	0.85274m(13010324)
3746959.5	1.65087m(13010324)	1.49149m(13010324)	1.65594m(13010324)	1.35086m(13010324)	1.15533m(13010324)
3746909.5	1.08440m(13010324)	1.28435m(13010324)	1.94593m(13010324)	1.63593m(13010324)	1.75983m(13010324)
3746859.5	1.71083m(13010324)	1.73138m(13010324)	1.29845m(13010324)	1.39010m(13010324)	1.40078m(13010324)
3746809.5	1.09114m(13010324)	1.40749m(13010324)	1.87325m(13010324)	1.80356m(13010324)	1.39033m(13010324)
3746759.5	0.81287m(13010324)	0.98431m(13010324)	1.20082m(13010324)	1.49443m(13010324)	1.93771m(13010324)
3746709.5	0.65260m(13010324)	0.76171m(13010324)	0.89035m(13010324)	1.04666m(13010324)	1.24456m(13010324)
3746659.5	0.54721m(13010324)	0.62308m(13010324)	0.70906m(13010324)	0.80769m(13010324)	0.92278m(13010324)

3746609.5 | 0.47197m(13010324) 0.52780m(13010324) 0.58945m(13010324)
0.65773m(13010324) 0.73381m(13010324)
3746559.5 | 0.41522m(13010324) 0.45796m(13010324) 0.50429m(13010324)
0.55442m(13010324) 0.60865m(13010324)
3746509.5 | 0.37069m(13010324) 0.40439m(13010324) 0.44042m(13010324)
0.47875m(13010324) 0.51940m(13010324)
3746459.5 | 0.33470m(13010324) 0.36191m(13010324) 0.39066m(13010324)
0.42088m(13010324) 0.45246m(13010324)
3746409.5 | 0.30496m(13010324) 0.32733m(13010324) 0.35077m(13010324)
0.37516m(13010324) 0.40038m(13010324)
3746359.5 | 0.27992m(13010324) 0.29861m(13010324) 0.31804m(13010324)
0.33811m(13010324) 0.35870m(13010324)
3746309.5 | 0.25854m(13010324) 0.27436m(13010324) 0.29070m(13010324)
0.30748m(13010324) 0.32459m(13010324)
3746259.5 | 0.24006m(13010324) 0.25359m(13010324) 0.26751m(13010324)
0.28173m(13010324) 0.29616m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	404703.57	404753.57	404803.57	404853.57	404903.57
3747209.5	0.39108m(13010324)	0.38756m(13010324)	0.38356m(13010324)	0.37946m(13010324)	0.37551m(13010324)
3747159.5	0.45051m(13010324)	0.44235m(13010324)	0.43429m(13010324)	0.42672m(13010324)	0.41984m(13010324)
3747109.5	0.52867m(13010324)	0.51273m(13010324)	0.49823m(13010324)	0.48539m(13010324)	0.47420m(13010324)
3747059.5	0.63495m(13010324)	0.60578m(13010324)	0.58093m(13010324)	0.55993m(13010324)	0.54230m(13010324)
3747009.5	0.78657m(13010324)	0.73394m(13010324)	0.69175m(13010324)	0.65771m(13010324)	0.63016m(13010324)
3746959.5	1.02000m(13010324)	0.92187m(13010324)	0.84837m(13010324)	0.79207m(13010324)	0.74831m(13010324)
3746909.5	1.43298m(13010324)	1.22848m(13010324)	1.08968m(13010324)	0.99045m(13010324)	0.91738m(13010324)
3746859.5	1.71765m(13010324)	1.84576m(13010324)	1.52430m(13010324)	1.32134m(13010324)	1.18499m(13010324)
3746809.5	1.44139m(13010324)	1.42879m(13010324)	1.84503m(13010324)	2.02396m(13010324)	1.69472m(13010324)
3746759.5	1.80952m(13010324)	1.44272m(13010324)	1.48259m(13010324)	1.47499m(13010324)	1.42937m(13010324)

3746709.5 | 1.50771m(13010324) 1.88228m(13010324) 1.73557m(13010324)
1.43810m(13010324) 1.49388m(13010324)
3746659.5 | 1.05990m(13010324) 1.22741m(13010324) 1.43784m(13010324)
1.70722m(13010324) 2.05610m(13010324)
3746609.5 | 0.81921m(13010324) 0.91578m(13010324) 1.02542m(13010324)
1.14938m(13010324) 1.28782m(13010324)
3746559.5 | 0.66733m(13010324) 0.73077m(13010324) 0.79906m(13010324)
0.87193m(13010324) 0.94866m(13010324)
3746509.5 | 0.56233m(13010324) 0.60746m(13010324) 0.65456m(13010324)
0.70324m(13010324) 0.75293m(13010324)
3746459.5 | 0.48527m(13010324) 0.51914m(13010324) 0.55382m(13010324)
0.58896m(13010324) 0.62417m(13010324)
3746409.5 | 0.42629m(13010324) 0.45270m(13010324) 0.47940m(13010324)
0.50612m(13010324) 0.53257m(13010324)
3746359.5 | 0.37967m(13010324) 0.40087m(13010324) 0.42211m(13010324)
0.44320m(13010324) 0.46391m(13010324)
3746309.5 | 0.34191m(13010324) 0.35930m(13010324) 0.37663m(13010324)
0.39375m(13010324) 0.41047m(13010324)
3746259.5 | 0.31069m(13010324) 0.32523m(13010324) 0.33965m(13010324)
0.35384m(13010324) 0.36768m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	404953.57	405003.57	405053.57	405103.57	405153.57
3747209.5	0.37187m(13010324)	0.36861m(13010324)	0.36578m(13010324)	0.36339m(13010324)	0.36143m(13010324)
3747159.5	0.41374m(13010324)	0.40844m(13010324)	0.40393m(13010324)	0.40017m(13010324)	0.39709m(13010324)
3747109.5	0.46459m(13010324)	0.45645m(13010324)	0.44963m(13010324)	0.44402m(13010324)	0.43946m(13010324)
3747059.5	0.52760m(13010324)	0.51542m(13010324)	0.50540m(13010324)	0.49725m(13010324)	0.49071m(13010324)
3747009.5	0.60784m(13010324)	0.58976m(13010324)	0.57516m(13010324)	0.56343m(13010324)	0.55412m(13010324)
3746959.5	0.71398m(13010324)	0.68688m(13010324)	0.66538m(13010324)	0.64837m(13010324)	0.63504m(13010324)
3746909.5	0.86245m(13010324)	0.82041m(13010324)	0.78779m(13010324)	0.76238m(13010324)	0.74275m(13010324)
3746859.5	1.08918m(13010324)	1.01911m(13010324)	0.96622m(13010324)	0.92580m(13010324)	0.89517m(13010324)

3746809.5 | 1.49295m(13010324) 1.35701m(13010324) 1.25868m(13010324)
1.18578m(13010324) 1.13238m(13010324)
3746759.5 | 1.85359m(13010324) 2.10966m(13010324) 1.85789m(13010324)
1.68533m(13010324) 1.56899m(13010324)
3746709.5 | 1.51535m(13010324) 1.50827m(13010324) 1.48616m(13010324)
1.45523m(13010324) 1.96899m(13010324)
3746659.5 | 1.78602m(13010324) 1.41129m(13010324) 1.46307m(13010324)
1.50144m(13010324) 1.53059m(13010324)
3746609.5 | 1.44070m(13010324) 1.61149m(13010324) 1.80781m(13010324)
2.02363m(13010324) 2.24892m(13010324)
3746559.5 | 1.02853m(13010324) 1.11119m(13010324) 1.19610m(13010324)
1.28067m(13010324) 1.36079m(13010324)
3746509.5 | 0.80303m(13010324) 0.85294m(13010324) 0.90184m(13010324)
0.94848m(13010324) 0.99117m(13010324)
3746459.5 | 0.65900m(13010324) 0.69297m(13010324) 0.72553m(13010324)
0.75599m(13010324) 0.78359m(13010324)
3746409.5 | 0.55844m(13010324) 0.58338m(13010324) 0.60703m(13010324)
0.62900m(13010324) 0.64890m(13010324)
3746359.5 | 0.48403m(13010324) 0.50330m(13010324) 0.52150m(13010324)
0.53838m(13010324) 0.55375m(13010324)
3746309.5 | 0.42665m(13010324) 0.44211m(13010324) 0.45669m(13010324)
0.47024m(13010324) 0.48264m(13010324)
3746259.5 | 0.38102m(13010324) 0.39377m(13010324) 0.40580m(13010324)
0.41702m(13010324) 0.42734m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	405203.57	405253.57	405303.57	405353.57	405403.57
3747209.5	0.35987m(13010324)	0.35868m(13010324)	0.35783m(13010324)	0.35727m(13010324)	0.35696m(13010324)
3747159.5	0.39464m(13010324)	0.39275m(13010324)	0.39136m(13010324)	0.39039m(13010324)	0.38978m(13010324)
3747109.5	0.43585m(13010324)	0.43307m(13010324)	0.43099m(13010324)	0.42951m(13010324)	0.42853m(13010324)
3747059.5	0.48556m(13010324)	0.48160m(13010324)	0.47865m(13010324)	0.47654m(13010324)	0.47512m(13010324)
3747009.5	0.54686m(13010324)	0.54133m(13010324)	0.53725m(13010324)	0.53435m(13010324)	0.53239m(13010324)
3746959.5	0.62477m(13010324)	0.61705m(13010324)	0.61144m(13010324)	0.60751m(13010324)	0.60489m(13010324)

3746909.5 | 0.72787m(13010324) 0.71691m(13010324) 0.70911m(13010324)
0.70379m(13010324) 0.70033m(13010324)
3746859.5 | 0.87249m(13010324) 0.85624m(13010324) 0.84506m(13010324)
0.83772m(13010324) 0.83314m(13010324)
3746809.5 | 1.09424m(13010324) 1.06804m(13010324) 1.05088m(13010324)
1.04024m(13010324) 1.03403m(13010324)
3746759.5 | 1.49077m(13010324) 1.44080m(13010324) 1.41028m(13010324)
1.39269m(13010324) 1.38364m(13010324)
3746709.5 | 1.85426m(13010324) 2.33393m(13010324) 2.25509m(13010324)
2.21161m(13010324) 2.19648m(13010324)
3746659.5 | 1.55194m(13010324) 1.56937m(13010324) 1.58672m(13010324)
1.60904m(13010324) 1.63643m(13010324)
3746609.5 | 2.46116m(13010324) 1.92926m(13010324) 1.95615m(13010324)
1.95509m(13010324) 1.95512m(13010324)
3746559.5 | 1.43089m(13010324) 1.48593m(13010324) 1.52565m(13010324)
1.55202m(13010324) 1.56769m(13010324)
3746509.5 | 1.02811m(13010324) 1.05805m(13010324) 1.08093m(13010324)
1.09755m(13010324) 1.10928m(13010324)
3746459.5 | 0.80764m(13010324) 0.82772m(13010324) 0.84382m(13010324)
0.85636m(13010324) 0.86598m(13010324)
3746409.5 | 0.66644m(13010324) 0.68143m(13010324) 0.69391m(13010324)
0.70409m(13010324) 0.71232m(13010324)
3746359.5 | 0.56743m(13010324) 0.57936m(13010324) 0.58956m(13010324)
0.59817m(13010324) 0.60537m(13010324)
3746309.5 | 0.49380m(13010324) 0.50368m(13010324) 0.51231m(13010324)
0.51976m(13010324) 0.52616m(13010324)
3746259.5 | 0.43672m(13010324) 0.44513m(13010324) 0.45259m(13010324)
0.45915m(13010324) 0.46489m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	405453.57	405503.57	405553.57	405603.57	405653.57
3747209.5	0.35686m(13010324)	0.35693m(13010324)	0.35713m(13010324)	0.35744m(13010324)	0.35781m(13010324)
3747159.5	0.38945m(13010324)	0.38937m(13010324)	0.38946m(13010324)	0.38969m(13010324)	0.39001m(13010324)
3747109.5	0.42795m(13010324)	0.42768m(13010324)	0.42766m(13010324)	0.42781m(13010324)	0.42808m(13010324)
3747059.5	0.47424m(13010324)	0.47377m(13010324)	0.47361m(13010324)	0.47368m(13010324)	0.47391m(13010324)

3747009.5 | 0.53116m(13010324) 0.53047m(13010324) 0.53018m(13010324)
0.53016m(13010324) 0.53034m(13010324)
3746959.5 | 0.60325m(13010324) 0.60232m(13010324) 0.60188m(13010324)
0.60177m(13010324) 0.60189m(13010324)
3746909.5 | 0.69821m(13010324) 0.69701m(13010324) 0.69642m(13010324)
0.69621m(13010324) 0.69625m(13010324)
3746859.5 | 0.83044m(13010324) 0.82893m(13010324) 0.82815m(13010324)
0.82779m(13010324) 0.82769m(13010324)
3746809.5 | 1.03057m(13010324) 1.02865m(13010324) 1.02755m(13010324)
1.02688m(13010324) 1.02644m(13010324)
3746759.5 | 1.37896m(13010324) 1.37616m(13010324) 1.37419m(13010324)
1.37259m(13010324) 1.37115m(13010324)
3746709.5 | 2.18845m(13010324) 2.18201m(13010324) 2.17590m(13010324)
2.16975m(13010324) 2.16347m(13010324)
3746659.5 | 1.67305m(13010324) 1.71723m(13010324) 1.76703m(13010324)
1.71693m(13010324) 1.67550m(13010324)
3746609.5 | 1.95187m(13010324) 1.95163m(13010324) 1.95572m(13010324)
1.96471m(13010324) 1.97896m(13010324)
3746559.5 | 1.57810m(13010324) 1.58629m(13010324) 1.59338m(13010324)
1.59983m(13010324) 1.60586m(13010324)
3746509.5 | 1.11780m(13010324) 1.12443m(13010324) 1.12993m(13010324)
1.13470m(13010324) 1.13896m(13010324)
3746459.5 | 0.87344m(13010324) 0.87940m(13010324) 0.88434m(13010324)
0.88855m(13010324) 0.89224m(13010324)
3746409.5 | 0.71899m(13010324) 0.72448m(13010324) 0.72907m(13010324)
0.73300m(13010324) 0.73641m(13010324)
3746359.5 | 0.61140m(13010324) 0.61647m(13010324) 0.62078m(13010324)
0.62450m(13010324) 0.62773m(13010324)
3746309.5 | 0.53163m(13010324) 0.53633m(13010324) 0.54039m(13010324)
0.54392m(13010324) 0.54700m(13010324)
3746259.5 | 0.46989m(13010324) 0.47425m(13010324) 0.47806m(13010324)
0.48141m(13010324) 0.48436m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 405703.57 405753.57 405803.57
405853.57 405903.57
- - - -

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3747109.5 |      0.42845m(13010324)      0.42886m(13010324)      0.42930m(13010324)
0.42975m(13010324)      0.43019m(13010324)
3747059.5 |      0.47424m(13010324)      0.47463m(13010324)      0.47507m(13010324)
0.47551m(13010324)      0.47596m(13010324)
3747009.5 |      0.53063m(13010324)      0.53101m(13010324)      0.53143m(13010324)
0.53187m(13010324)      0.53231m(13010324)
3746959.5 |      0.60215m(13010324)      0.60249m(13010324)      0.60288m(13010324)
0.60330m(13010324)      0.60373m(13010324)
3746909.5 |      0.69643m(13010324)      0.69671m(13010324)      0.69704m(13010324)
0.69741m(13010324)      0.69780m(13010324)
3746859.5 |      0.82773m(13010324)      0.82785m(13010324)      0.82804m(13010324)
0.82828m(13010324)      0.82858m(13010324)
3746809.5 |      1.02612m(13010324)      1.02587m(13010324)      1.02569m(13010324)
1.02560m(13010324)      1.02566m(13010324)
3746759.5 |      1.36979m(13010324)      1.36846m(13010324)      1.36721m(13010324)
1.36614m(13010324)      1.36547m(13010324)
3746709.5 |      2.15708m(13010324)      2.15064m(13010324)      2.14430m(13010324)
2.13842m(13010324)      2.13418m(13010324)
3746659.5 |      1.64161m(13010324)      1.61436m(13010324)      1.59313m(13010324)
1.57754m(13010324)      1.56722m(13010324)
3746609.5 |      1.99872m(13010324)      2.02424m(13010324)      2.05566m(13010324)
1.45307m(13010324)      1.44807m(13010324)
3746559.5 |      1.61157m(13010324)      1.61699m(13010324)      1.62212m(13010324)
1.62677m(13010324)      1.63052m(13010324)
3746509.5 |      1.14284m(13010324)      1.14639m(13010324)      1.14962m(13010324)
1.15248m(13010324)      1.15489m(13010324)
3746459.5 |      0.89551m(13010324)      0.89844m(13010324)      0.90106m(13010324)
0.90336m(13010324)      0.90536m(13010324)
3746409.5 |      0.73941m(13010324)      0.74207m(13010324)      0.74442m(13010324)
0.74650m(13010324)      0.74832m(13010324)
3746359.5 |      0.63057m(13010324)      0.63308m(13010324)      0.63530m(13010324)
0.63726m(13010324)      0.63899m(13010324)
3746309.5 |      0.54972m(13010324)      0.55212m(13010324)      0.55425m(13010324)
0.55613m(13010324)      0.55780m(13010324)
3746259.5 |      0.48696m(13010324)      0.48928m(13010324)      0.49133m(13010324)
0.49316m(13010324)      0.49478m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        18:55:26

                     PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN
                                      MICROGRAMS/M**3                          **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       405953.57              406003.57              406053.57
  406103.57              406153.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
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3747209.5 | 0.36043m(13010324) 0.36081m(13010324) 0.36116m(13010324)
0.36146m(13010324) 0.36171m(13010324)
3747159.5 | 0.39259m(13010324) 0.39298m(13010324) 0.39333m(13010324)
0.39364m(13010324) 0.39390m(13010324)
3747109.5 | 0.43062m(13010324) 0.43101m(13010324) 0.43137m(13010324)
0.43168m(13010324) 0.43195m(13010324)
3747059.5 | 0.47639m(13010324) 0.47679m(13010324) 0.47716m(13010324)
0.47748m(13010324) 0.47775m(13010324)
3747009.5 | 0.53274m(13010324) 0.53315m(13010324) 0.53353m(13010324)
0.53386m(13010324) 0.53413m(13010324)
3746959.5 | 0.60416m(13010324) 0.60457m(13010324) 0.60496m(13010324)
0.60530m(13010324) 0.60557m(13010324)
3746909.5 | 0.69822m(13010324) 0.69863m(13010324) 0.69902m(13010324)
0.69937m(13010324) 0.69965m(13010324)
3746859.5 | 0.82894m(13010324) 0.82934m(13010324) 0.82974m(13010324)
0.83010m(13010324) 0.83039m(13010324)
3746809.5 | 1.02589m(13010324) 1.02624m(13010324) 1.02665m(13010324)
1.02704m(13010324) 1.02735m(13010324)
3746759.5 | 1.36535m(13010324) 1.36564m(13010324) 1.36608m(13010324)
1.36652m(13010324) 1.36687m(13010324)
3746709.5 | 2.13258m(13010324) 2.13275m(13010324) 2.13342m(13010324)
2.13428m(13010324) 2.13519m(13010324)
3746659.5 | 1.56163m(13010324) 1.56074m(13010324) 1.56468m(13010324)
1.57336m(13010324) 1.58691m(13010324)
3746609.5 | 1.44596m(13010324) 1.44651m(13010324) 1.44943m(13010324)
1.45504m(13010324) 1.46349m(13010324)
3746559.5 | 1.63302m(13010324) 1.63459m(13010324) 1.63573m(13010324)
1.63669m(13010324) 1.63756m(13010324)
3746509.5 | 1.15679m(13010324) 1.15826m(13010324) 1.15945m(13010324)
1.16045m(13010324) 1.16135m(13010324)
3746459.5 | 0.90704m(13010324) 0.90844m(13010324) 0.90963m(13010324)
0.91065m(13010324) 0.91157m(13010324)
3746409.5 | 0.74990m(13010324) 0.75126m(13010324) 0.75243m(13010324)
0.75346m(13010324) 0.75438m(13010324)
3746359.5 | 0.64050m(13010324) 0.64183m(13010324) 0.64300m(13010324)
0.64402m(13010324) 0.64493m(13010324)
3746309.5 | 0.55928m(13010324) 0.56058m(13010324) 0.56173m(13010324)
0.56275m(13010324) 0.56364m(13010324)
3746259.5 | 0.49622m(13010324) 0.49750m(13010324) 0.49863m(13010324)
0.49963m(13010324) 0.50052m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
| 406203.57 406253.57 406303.57

- - - -

Y-COORD (METERS)	X-COORD (METERS) 406453.57	406503.57	406553.57	406603.57	406653.57
3747209.5	0.36204m(13010324)	0.36188m(13010324)	0.36165m(13010324)	0.36136m(13010324)	0.36100m(13010324)
3747159.5	0.39420m(13010324)	0.39402m(13010324)	0.39378m(13010324)	0.39346m(13010324)	0.39308m(13010324)
3747109.5	0.43220m(13010324)	0.43201m(13010324)	0.43174m(13010324)	0.43140m(13010324)	0.43098m(13010324)
3747059.5	0.47793m(13010324)	0.47770m(13010324)	0.47740m(13010324)	0.47702m(13010324)	0.47657m(13010324)
3747009.5	0.53419m(13010324)	0.53392m(13010324)	0.53356m(13010324)	0.53313m(13010324)	0.53263m(13010324)
3746959.5	0.60543m(13010324)	0.60508m(13010324)	0.60465m(13010324)	0.60414m(13010324)	0.60355m(13010324)
3746909.5	0.69915m(13010324)	0.69869m(13010324)	0.69813m(13010324)	0.69749m(13010324)	0.69677m(13010324)
3746859.5	0.82923m(13010324)	0.82855m(13010324)	0.82778m(13010324)	0.82692m(13010324)	0.82597m(13010324)
3746809.5	1.02482m(13010324)	1.02372m(13010324)	1.02251m(13010324)	1.02122m(13010324)	1.01984m(13010324)
3746759.5	1.36088m(13010324)	1.35875m(13010324)	1.35651m(13010324)	1.35418m(13010324)	1.35178m(13010324)
3746709.5	2.11820m(13010324)	2.11202m(13010324)	2.10564m(13010324)	2.09912m(13010324)	2.09251m(13010324)
3746659.5	1.75291m(13010324)	1.70561m(13010324)	1.66625m(13010324)	1.63388m(13010324)	1.60774m(13010324)
3746609.5	2.01744m(13010324)	2.02610m(13010324)	2.04114m(13010324)	2.06275m(13010324)	2.09119m(13010324)
3746559.5	1.65139m(13010324)	1.65481m(13010324)	1.65819m(13010324)	1.66151m(13010324)	1.66475m(13010324)
3746509.5	1.16892m(13010324)	1.17048m(13010324)	1.17198m(13010324)	1.17343m(13010324)	1.17480m(13010324)
3746459.5	0.91702m(13010324)	0.91793m(13010324)	0.91878m(13010324)	0.91956m(13010324)	0.92027m(13010324)
3746409.5	0.75886m(13010324)	0.75947m(13010324)	0.76002m(13010324)	0.76049m(13010324)	0.76089m(13010324)
3746359.5	0.64888m(13010324)	0.64934m(13010324)	0.64972m(13010324)	0.65003m(13010324)	0.65025m(13010324)
3746309.5	0.56728m(13010324)	0.56764m(13010324)	0.56792m(13010324)	0.56813m(13010324)	0.56826m(13010324)
3746259.5	0.50394m(13010324)	0.50424m(13010324)	0.50446m(13010324)	0.50460m(13010324)	0.50467m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

Y-COORD (METERS)	X-COORD (METERS)				
	406703.57	406753.57	406803.57	406853.57	406903.57
3747209.5	0.36057m(13010324)	0.36008m(13010324)	0.35951m(13010324)	0.35887m(13010324)	0.35816m(13010324)
3747159.5	0.39263m(13010324)	0.39211m(13010324)	0.39151m(13010324)	0.39085m(13010324)	0.39010m(13010324)
3747109.5	0.43050m(13010324)	0.42995m(13010324)	0.42932m(13010324)	0.42862m(13010324)	0.42784m(13010324)
3747059.5	0.47605m(13010324)	0.47545m(13010324)	0.47478m(13010324)	0.47403m(13010324)	0.47321m(13010324)
3747009.5	0.53205m(13010324)	0.53139m(13010324)	0.53066m(13010324)	0.52986m(13010324)	0.52898m(13010324)
3746959.5	0.60289m(13010324)	0.60215m(13010324)	0.60134m(13010324)	0.60045m(13010324)	0.59949m(13010324)
3746909.5	0.69597m(13010324)	0.69510m(13010324)	0.69416m(13010324)	0.69315m(13010324)	0.69207m(13010324)
3746859.5	0.82495m(13010324)	0.82386m(13010324)	0.82270m(13010324)	0.82148m(13010324)	0.82020m(13010324)
3746809.5	1.01839m(13010324)	1.01687m(13010324)	1.01529m(13010324)	1.01365m(13010324)	1.01200m(13010324)
3746759.5	1.34931m(13010324)	1.34677m(13010324)	1.34418m(13010324)	1.34156m(13010324)	1.33897m(13010324)
3746709.5	2.08590m(13010324)	2.07933m(13010324)	2.07286m(13010324)	2.06653m(13010324)	2.06049m(13010324)
3746659.5	1.58724m(13010324)	1.57195m(13010324)	1.56154m(13010324)	1.55580m(13010324)	1.55471m(13010324)
3746609.5	1.48092m(13010324)	1.47259m(13010324)	1.46718m(13010324)	1.46467m(13010324)	1.46490m(13010324)
3746559.5	1.66793m(13010324)	1.67103m(13010324)	1.67405m(13010324)	1.67694m(13010324)	1.67959m(13010324)
3746509.5	1.17609m(13010324)	1.17729m(13010324)	1.17838m(13010324)	1.17935m(13010324)	1.18013m(13010324)
3746459.5	0.92089m(13010324)	0.92143m(13010324)	0.92186m(13010324)	0.92217m(13010324)	0.92234m(13010324)
3746409.5	0.76120m(13010324)	0.76143m(13010324)	0.76155m(13010324)	0.76157m(13010324)	0.76147m(13010324)
3746359.5	0.65040m(13010324)	0.65046m(13010324)	0.65042m(13010324)	0.65028m(13010324)	0.65003m(13010324)
3746309.5	0.56830m(13010324)	0.56826m(13010324)	0.56813m(13010324)	0.56790m(13010324)	0.56757m(13010324)
3746259.5	0.50465m(13010324)	0.50455m(13010324)	0.50436m(13010324)	0.50407m(13010324)	0.50369m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,

L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	406953.57	407003.57	407053.57	407103.57	407153.57
3747209.5	0.35737m(13010324)	0.35650m(13010324)	0.35555m(13010324)	0.35451m(13010324)	0.35338m(13010324)
3747159.5	0.38928m(13010324)	0.38838m(13010324)	0.38739m(13010324)	0.38632m(13010324)	0.38515m(13010324)
3747109.5	0.42698m(13010324)	0.42604m(13010324)	0.42502m(13010324)	0.42390m(13010324)	0.42269m(13010324)
3747059.5	0.47231m(13010324)	0.47133m(13010324)	0.47026m(13010324)	0.46910m(13010324)	0.46784m(13010324)
3747009.5	0.52802m(13010324)	0.52698m(13010324)	0.52586m(13010324)	0.52465m(13010324)	0.52333m(13010324)
3746959.5	0.59846m(13010324)	0.59735m(13010324)	0.59616m(13010324)	0.59487m(13010324)	0.59349m(13010324)
3746909.5	0.69093m(13010324)	0.68972m(13010324)	0.68843m(13010324)	0.68705m(13010324)	0.68558m(13010324)
3746859.5	0.81887m(13010324)	0.81750m(13010324)	0.81606m(13010324)	0.81454m(13010324)	0.81293m(13010324)
3746809.5	1.01033m(13010324)	1.00866m(13010324)	1.00696m(13010324)	1.00519m(13010324)	1.00334m(13010324)
3746759.5	1.33651m(13010324)	1.33419m(13010324)	1.33191m(13010324)	1.32959m(13010324)	1.32718m(13010324)
3746709.5	2.05533m(13010324)	2.05113m(13010324)	2.04722m(13010324)	2.04332m(13010324)	2.03933m(13010324)
3746659.5	1.55807m(13010324)	1.56594m(13010324)	1.57864m(13010324)	1.59630m(13010324)	1.61923m(13010324)
3746609.5	1.46819m(13010324)	1.47461m(13010324)	1.48393m(13010324)	1.49646m(13010324)	2.09625m(13010324)
3746559.5	1.68172m(13010324)	1.68327m(13010324)	1.68451m(13010324)	1.68556m(13010324)	1.68647m(13010324)
3746509.5	1.18068m(13010324)	1.18098m(13010324)	1.18107m(13010324)	1.18100m(13010324)	1.18078m(13010324)
3746459.5	0.92236m(13010324)	0.92221m(13010324)	0.92190m(13010324)	0.92145m(13010324)	0.92086m(13010324)
3746409.5	0.76124m(13010324)	0.76087m(13010324)	0.76038m(13010324)	0.75975m(13010324)	0.75899m(13010324)
3746359.5	0.64967m(13010324)	0.64919m(13010324)	0.64859m(13010324)	0.64787m(13010324)	0.64702m(13010324)
3746309.5	0.56713m(13010324)	0.56659m(13010324)	0.56593m(13010324)	0.56515m(13010324)	0.56425m(13010324)
3746259.5	0.50321m(13010324)	0.50262m(13010324)	0.50193m(13010324)	0.50112m(13010324)	0.50020m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	407203.57	407253.57	407303.57	407353.57	407403.57
3747209.5	0.35215m(13010324)	0.35082m(13010324)	0.34938m(13010324)	0.34782m(13010324)	0.34615m(13010324)
3747159.5	0.38388m(13010324)	0.38250m(13010324)	0.38101m(13010324)	0.37940m(13010324)	0.37767m(13010324)
3747109.5	0.42137m(13010324)	0.41995m(13010324)	0.41841m(13010324)	0.41675m(13010324)	0.41495m(13010324)
3747059.5	0.46647m(13010324)	0.46500m(13010324)	0.46340m(13010324)	0.46168m(13010324)	0.45982m(13010324)
3747009.5	0.52191m(13010324)	0.52038m(13010324)	0.51872m(13010324)	0.51694m(13010324)	0.51501m(13010324)
3746959.5	0.59200m(13010324)	0.59040m(13010324)	0.58867m(13010324)	0.58681m(13010324)	0.58480m(13010324)
3746909.5	0.68400m(13010324)	0.68230m(13010324)	0.68048m(13010324)	0.67851m(13010324)	0.67640m(13010324)
3746859.5	0.81121m(13010324)	0.80938m(13010324)	0.80741m(13010324)	0.80531m(13010324)	0.80304m(13010324)
3746809.5	1.00138m(13010324)	0.99930m(13010324)	0.99708m(13010324)	0.99472m(13010324)	0.99221m(13010324)
3746759.5	1.32467m(13010324)	1.32204m(13010324)	1.31928m(13010324)	1.31637m(13010324)	1.31329m(13010324)
3746709.5	2.03518m(13010324)	2.03082m(13010324)	2.02621m(13010324)	2.02133m(13010324)	2.01619m(13010324)
3746659.5	1.64786m(13010324)	1.68275m(13010324)	2.31861m(13010324)	1.70510m(13010324)	1.66120m(13010324)
3746609.5	2.07674m(13010324)	2.06411m(13010324)	2.05843m(13010324)	2.05982m(13010324)	2.06844m(13010324)
3746559.5	1.68725m(13010324)	1.68789m(13010324)	1.68837m(13010324)	1.68868m(13010324)	1.68883m(13010324)
3746509.5	1.18042m(13010324)	1.17993m(13010324)	1.17928m(13010324)	1.17848m(13010324)	1.17751m(13010324)
3746459.5	0.92013m(13010324)	0.91926m(13010324)	0.91825m(13010324)	0.91707m(13010324)	0.91573m(13010324)
3746409.5	0.75809m(13010324)	0.75706m(13010324)	0.75588m(13010324)	0.75455m(13010324)	0.75305m(13010324)
3746359.5	0.64604m(13010324)	0.64493m(13010324)	0.64367m(13010324)	0.64226m(13010324)	0.64069m(13010324)
3746309.5	0.56323m(13010324)	0.56207m(13010324)	0.56078m(13010324)	0.55934m(13010324)	0.55773m(13010324)
3746259.5	0.49916m(13010324)	0.49798m(13010324)	0.49668m(13010324)	0.49522m(13010324)	0.49361m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 407453.57	407503.57	407553.57	407603.57	407653.57
3747209.5	0.34434m(13010324)	0.34238m(13010324)	0.34028m(13010324)	0.33802m(13010324)	0.33558m(13010324)
3747159.5	0.37579m(13010324)	0.37377m(13010324)	0.37159m(13010324)	0.36924m(13010324)	0.36670m(13010324)
3747109.5	0.41301m(13010324)	0.41092m(13010324)	0.40866m(13010324)	0.40622m(13010324)	0.40358m(13010324)
3747059.5	0.45781m(13010324)	0.45564m(13010324)	0.45330m(13010324)	0.45077m(13010324)	0.44803m(13010324)
3747009.5	0.51292m(13010324)	0.51067m(13010324)	0.50824m(13010324)	0.50562m(13010324)	0.50278m(13010324)
3746959.5	0.58263m(13010324)	0.58029m(13010324)	0.57776m(13010324)	0.57503m(13010324)	0.57208m(13010324)
3746909.5	0.67412m(13010324)	0.67167m(13010324)	0.66903m(13010324)	0.66618m(13010324)	0.66310m(13010324)
3746859.5	0.80061m(13010324)	0.79800m(13010324)	0.79520m(13010324)	0.79218m(13010324)	0.78894m(13010324)
3746809.5	0.98952m(13010324)	0.98665m(13010324)	0.98358m(13010324)	0.98030m(13010324)	0.97678m(13010324)
3746759.5	1.31005m(13010324)	1.30662m(13010324)	1.30298m(13010324)	1.29912m(13010324)	1.29502m(13010324)
3746709.5	2.01080m(13010324)	2.00517m(13010324)	1.99931m(13010324)	1.99326m(13010324)	1.98702m(13010324)
3746659.5	1.62424m(13010324)	1.59343m(13010324)	1.56814m(13010324)	1.54789m(13010324)	1.53230m(13010324)
3746609.5	2.08446m(13010324)	1.50136m(13010324)	1.48396m(13010324)	1.46973m(13010324)	1.45855m(13010324)
3746559.5	1.68877m(13010324)	1.68851m(13010324)	1.68802m(13010324)	1.68727m(13010324)	1.68623m(13010324)
3746509.5	1.17635m(13010324)	1.17499m(13010324)	1.17340m(13010324)	1.17154m(13010324)	1.16939m(13010324)
3746459.5	0.91420m(13010324)	0.91247m(13010324)	0.91051m(13010324)	0.90829m(13010324)	0.90578m(13010324)
3746409.5	0.75136m(13010324)	0.74948m(13010324)	0.74737m(13010324)	0.74501m(13010324)	0.74237m(13010324)
3746359.5	0.63893m(13010324)	0.63698m(13010324)	0.63482m(13010324)	0.63241m(13010324)	0.62974m(13010324)
3746309.5	0.55595m(13010324)	0.55399m(13010324)	0.55181m(13010324)	0.54941m(13010324)	0.54675m(13010324)
3746259.5	0.49184m(13010324)	0.48988m(13010324)	0.48772m(13010324)	0.48535m(13010324)	0.48273m(13010324)

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   ,
L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
L0000027   , L0000028   , . . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN
MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	407703.57	407753.57	407803.57	407853.57	407903.57
3747209.5	0.33294m(13010324)	0.33010m(13010324)	0.32704m(13010324)	0.32373m(13010324)	0.32015m(13010324)
3747159.5	0.36396m(13010324)	0.36100m(13010324)	0.35779m(13010324)	0.35432m(13010324)	0.35056m(13010324)
3747109.5	0.40073m(13010324)	0.39764m(13010324)	0.39430m(13010324)	0.39067m(13010324)	0.38672m(13010324)
3747059.5	0.44507m(13010324)	0.44187m(13010324)	0.43839m(13010324)	0.43460m(13010324)	0.43047m(13010324)
3747009.5	0.49971m(13010324)	0.49638m(13010324)	0.49277m(13010324)	0.48883m(13010324)	0.48453m(13010324)
3746959.5	0.56889m(13010324)	0.56544m(13010324)	0.56170m(13010324)	0.55763m(13010324)	0.55317m(13010324)
3746909.5	0.65978m(13010324)	0.65620m(13010324)	0.65233m(13010324)	0.64813m(13010324)	0.64355m(13010324)
3746859.5	0.78545m(13010324)	0.78171m(13010324)	0.77770m(13010324)	0.77339m(13010324)	0.76873m(13010324)
3746809.5	0.97302m(13010324)	0.96904m(13010324)	0.96484m(13010324)	0.96045m(13010324)	0.95580m(13010324)
3746759.5	1.29070m(13010324)	1.28618m(13010324)	1.28158m(13010324)	1.27711m(13010324)	1.27275m(13010324)
3746709.5	1.98063m(13010324)	1.97417m(13010324)	1.96797m(13010324)	1.96344m(13010324)	1.96095m(13010324)
3746659.5	1.52111m(13010324)	1.51416m(13010324)	1.51160m(13010324)	1.51296m(13010324)	1.51823m(13010324)
3746609.5	1.45032m(13010324)	1.44489m(13010324)	1.44180m(13010324)	1.44166m(13010324)	1.44450m(13010324)
3746559.5	1.68484m(13010324)	1.68295m(13010324)	1.68021m(13010324)	1.67573m(13010324)	1.66922m(13010324)
3746509.5	1.16687m(13010324)	1.16388m(13010324)	1.16024m(13010324)	1.15575m(13010324)	1.15029m(13010324)
3746459.5	0.90292m(13010324)	0.89964m(13010324)	0.89584m(13010324)	0.89143m(13010324)	0.88633m(13010324)
3746409.5	0.73940m(13010324)	0.73605m(13010324)	0.73226m(13010324)	0.72796m(13010324)	0.72309m(13010324)
3746359.5	0.62676m(13010324)	0.62343m(13010324)	0.61970m(13010324)	0.61553m(13010324)	0.61086m(13010324)
3746309.5	0.54380m(13010324)	0.54053m(13010324)	0.53691m(13010324)	0.53287m(13010324)	0.52839m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 407953.57	408003.57	408053.57	408103.57	408153.57
3747209.5	0.31628m(13010324)	0.31208m(13010324)	0.30753m(13010324)	0.30260m(13010324)	0.29725m(13010324)
3747159.5	0.34647m(13010324)	0.34202m(13010324)	0.33717m(13010324)	0.33188m(13010324)	0.32611m(13010324)
3747109.5	0.38241m(13010324)	0.37771m(13010324)	0.37256m(13010324)	0.36690m(13010324)	0.36069m(13010324)
3747059.5	0.42595m(13010324)	0.42100m(13010324)	0.41554m(13010324)	0.40951m(13010324)	0.40284m(13010324)
3747009.5	0.47981m(13010324)	0.47462m(13010324)	0.46887m(13010324)	0.46247m(13010324)	0.45534m(13010324)
3746959.5	0.54828m(13010324)	0.54287m(13010324)	0.53684m(13010324)	0.53011m(13010324)	0.52253m(13010324)
3746909.5	0.63851m(13010324)	0.63293m(13010324)	0.62669m(13010324)	0.61965m(13010324)	0.61167m(13010324)
3746859.5	0.76362m(13010324)	0.75795m(13010324)	0.75158m(13010324)	0.74434m(13010324)	0.73606m(13010324)
3746809.5	0.95076m(13010324)	0.94517m(13010324)	0.93884m(13010324)	0.93160m(13010324)	0.92320m(13010324)
3746759.5	1.26818m(13010324)	1.26310m(13010324)	1.25726m(13010324)	1.25044m(13010324)	1.24240m(13010324)
3746709.5	1.95883m(13010324)	1.95628m(13010324)	1.95294m(13010324)	1.94856m(13010324)	1.94283m(13010324)
3746659.5	1.52817m(13010324)	1.54265m(13010324)	1.56184m(13010324)	1.58607m(13010324)	1.61583m(13010324)
3746609.5	1.44936m(13010324)	1.45667m(13010324)	2.04577m(13010324)	2.01599m(13010324)	1.99267m(13010324)
3746559.5	1.66142m(13010324)	1.65267m(13010324)	1.64297m(13010324)	1.63220m(13010324)	1.62011m(13010324)
3746509.5	1.14393m(13010324)	1.13670m(13010324)	1.12857m(13010324)	1.11940m(13010324)	1.10898m(13010324)
3746459.5	0.88051m(13010324)	0.87392m(13010324)	0.86648m(13010324)	0.85807m(13010324)	0.84850m(13010324)
3746409.5	0.71759m(13010324)	0.71141m(13010324)	0.70444m(13010324)	0.69658m(13010324)	0.68767m(13010324)

3746359.5 | 0.60562m(13010324) 0.59977m(13010324) 0.59320m(13010324)
0.58583m(13010324) 0.57752m(13010324)
3746309.5 | 0.52341m(13010324) 0.51785m(13010324) 0.51167m(13010324)
0.50476m(13010324) 0.49702m(13010324)
3746259.5 | 0.46023m(13010324) 0.45498m(13010324) 0.44916m(13010324)
0.44270m(13010324) 0.43551m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 408203.57	408253.57	408303.57	408353.57	408403.57
3747209.5	0.29144m(13010324)	0.28515m(13010324)	0.27835m(13010324)	0.27102m(13010324)	0.26313m(13010324)
3747159.5	0.31980m(13010324)	0.31292m(13010324)	0.30541m(13010324)	0.29723m(13010324)	0.28837m(13010324)
3747109.5	0.35385m(13010324)	0.34631m(13010324)	0.33801m(13010324)	0.32888m(13010324)	0.31886m(13010324)
3747059.5	0.39543m(13010324)	0.38719m(13010324)	0.37801m(13010324)	0.36780m(13010324)	0.35645m(13010324)
3747009.5	0.44734m(13010324)	0.43836m(13010324)	0.42823m(13010324)	0.41680m(13010324)	0.40390m(13010324)
3746959.5	0.51395m(13010324)	0.50420m(13010324)	0.49307m(13010324)	0.48030m(13010324)	0.46563m(13010324)
3746909.5	0.60256m(13010324)	0.59206m(13010324)	0.57991m(13010324)	0.56572m(13010324)	0.54907m(13010324)
3746859.5	0.72649m(13010324)	0.71534m(13010324)	0.70222m(13010324)	0.68662m(13010324)	0.66789m(13010324)
3746809.5	0.91339m(13010324)	0.90178m(13010324)	0.88790m(13010324)	0.87107m(13010324)	0.85034m(13010324)
3746759.5	1.23282m(13010324)	1.22128m(13010324)	1.20719m(13010324)	1.18969m(13010324)	1.16753m(13010324)
3746709.5	1.93538m(13010324)	1.92574m(13010324)	1.91324m(13010324)	1.89690m(13010324)	1.87520m(13010324)
3746659.5	2.22895m(13010324)	1.59416m(13010324)	1.53932m(13010324)	1.48710m(13010324)	1.43525m(13010324)
3746609.5	1.97522m(13010324)	1.96294m(13010324)	1.95503m(13010324)	1.95026m(13010324)	1.33430m(13010324)
3746559.5	1.60640m(13010324)	1.59062m(13010324)	1.57215m(13010324)	1.55006m(13010324)	1.52292m(13010324)
3746509.5	1.09705m(13010324)	1.08320m(13010324)	1.06691m(13010324)	1.04739m(13010324)	1.02353m(13010324)

3746459.5 | 0.83754m(13010324) 0.82486m(13010324) 0.81002m(13010324)
0.79242m(13010324) 0.77126m(13010324)
3746409.5 | 0.67751m(13010324) 0.66583m(13010324) 0.65231m(13010324)
0.63650m(13010324) 0.61786m(13010324)
3746359.5 | 0.56810m(13010324) 0.55739m(13010324) 0.54512m(13010324)
0.53099m(13010324) 0.51465m(13010324)
3746309.5 | 0.48832m(13010324) 0.47852m(13010324) 0.46743m(13010324)
0.45485m(13010324) 0.44056m(13010324)
3746259.5 | 0.42750m(13010324) 0.41856m(13010324) 0.40856m(13010324)
0.39737m(13010324) 0.38486m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408453.57	408503.57	408553.57	408603.57	408653.57
3747209.5	0.25471m(13010324)	0.24578m(13010324)	0.23638m(13010324)	0.22660m(13010324)	0.21653m(13010324)
3747159.5	0.27881m(13010324)	0.26857m(13010324)	0.25771m(13010324)	0.24632m(13010324)	0.23454m(13010324)
3747109.5	0.30794m(13010324)	0.29610m(13010324)	0.28341m(13010324)	0.26999m(13010324)	0.25600m(13010324)
3747059.5	0.34389m(13010324)	0.33008m(13010324)	0.31507m(13010324)	0.29900m(13010324)	0.28210m(13010324)
3747009.5	0.38938m(13010324)	0.37312m(13010324)	0.35512m(13010324)	0.33552m(13010324)	0.31463m(13010324)
3746959.5	0.44876m(13010324)	0.42944m(13010324)	0.40753m(13010324)	0.38309m(13010324)	0.35657m(13010324)
3746909.5	0.52945m(13010324)	0.50632m(13010324)	0.47921m(13010324)	0.44797m(13010324)	0.41306m(13010324)
3746859.5	0.64515m(13010324)	0.61737m(13010324)	0.58336m(13010324)	0.54221m(13010324)	0.49406m(13010324)
3746809.5	0.82435m(13010324)	0.79119m(13010324)	0.74822m(13010324)	0.69238m(13010324)	0.62171m(13010324)
3746759.5	1.13875m(13010324)	1.10019m(13010324)	1.04662m(13010324)	0.96946m(13010324)	0.85732m(13010324)
3746709.5	1.84567m(13010324)	1.80384m(13010324)	1.74098m(13010324)	1.63800m(13010324)	1.44879m(13010324)
3746659.5	1.38041m(13010324)	1.31691m(13010324)	1.23320m(13010324)	1.09985m(13010324)	0.80905m(13010324)
3746609.5	1.28536m(13010324)	1.22651m(13010324)	1.14707m(13010324)	1.02101m(13010324)	0.76462m(13010324)

3746559.5 | 1.48844m(13010324) 1.44266m(13010324) 1.37837m(13010324)
1.28148m(13010324) 1.12547m(13010324)
3746509.5 | 0.99363m(13010324) 0.95511m(13010324) 0.90400m(13010324)
0.83465m(13010324) 0.74140m(13010324)
3746459.5 | 0.74540m(13010324) 0.71336m(13010324) 0.67325m(13010324)
0.62321m(13010324) 0.56261m(13010324)
3746409.5 | 0.59569m(13010324) 0.56920m(13010324) 0.53760m(13010324)
0.50041m(13010324) 0.45801m(13010324)
3746359.5 | 0.49570m(13010324) 0.47376m(13010324) 0.44852m(13010324)
0.41998m(13010324) 0.38862m(13010324)
3746309.5 | 0.42434m(13010324) 0.40603m(13010324) 0.38554m(13010324)
0.36300m(13010324) 0.33881m(13010324)
3746259.5 | 0.37092m(13010324) 0.35549m(13010324) 0.33858m(13010324)
0.32035m(13010324) 0.30108m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 408703.57 408753.57 408803.57
408853.57 408903.57
- - - -

```
 3746659.5 |      0.84030m(13010324)      0.87426m(13010324)      0.53733m(13010324)
 0.39719m(13010324)      0.31874m(13010324)
 3746609.5 |      0.78951m(13010324)      0.81598m(13010324)      0.52550m(13010324)
 0.39301m(13010324)      0.31679m(13010324)
 3746559.5 |      0.88602m(13010324)      0.63802m(13010324)      0.47272m(13010324)
 0.37166m(13010324)      0.30621m(13010324)
 3746509.5 |      0.62662m(13010324)      0.51025m(13010324)      0.41407m(13010324)
 0.34248m(13010324)      0.29011m(13010324)
 3746459.5 |      0.49436m(13010324)      0.42562m(13010324)      0.36393m(13010324)
 0.31276m(13010324)      0.27182m(13010324)
 3746409.5 |      0.41227m(13010324)      0.36632m(13010324)      0.32344m(13010324)
 0.28567m(13010324)      0.25354m(13010324)
 3746359.5 |      0.35557m(13010324)      0.32241m(13010324)      0.29081m(13010324)
 0.26194m(13010324)      0.23637m(13010324)
 3746309.5 |      0.31367m(13010324)      0.28847m(13010324)      0.26414m(13010324)
 0.24140m(13010324)      0.22069m(13010324)
 3746259.5 |      0.28123m(13010324)      0.26135m(13010324)      0.24199m(13010324)
 0.22362m(13010324)      0.20656m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        18:55:26

                     PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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       2.46116m ON 13010324: AT (  405203.57,  3746609.46,
0.00,     0.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        18:55:26

                     PAGE  60
 *** 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         2285 Informational Message(s)

 A Total of        43848 Hours Were Processed
```

A Total of   1588 Calm Hours Identified

A Total of   697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/6/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 OPS CA-91 PM25\14635 OPS
CA-91 PM25.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS
   MODELOPT DFAULT CONC
   AVERTIME 24
   URBANOPT 3010232 ORANGE_COUNTY
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL "14635 OPS CA-91 PM25.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 = SLINE1
** DESCRSRC
** PREFIX
** LENGTH OF SIDE = 53.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.05436
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   404395.595 3746960.389 0.0
   LOCATION L0000002     VOLUME   404442.911 3746936.509 0.0
   LOCATION L0000003     VOLUME   404490.226 3746912.629 0.0
   LOCATION L0000004     VOLUME   404537.541 3746888.749 0.0
```

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LOCATION L0000005     VOLUME   404584.857 3746864.869 0.0
LOCATION L0000006     VOLUME   404632.172 3746840.990 0.0
LOCATION L0000007     VOLUME   404679.488 3746817.110 0.0
LOCATION L0000008     VOLUME   404727.297 3746794.277 0.0
LOCATION L0000009     VOLUME   404775.833 3746772.989 0.0
LOCATION L0000010     VOLUME   404824.427 3746751.831 0.0
LOCATION L0000011     VOLUME   404873.874 3746732.908 0.0
LOCATION L0000012     VOLUME   404924.243 3746716.416 0.0
LOCATION L0000013     VOLUME   404975.439 3746702.855 0.0
LOCATION L0000014     VOLUME   405026.992 3746690.555 0.0
LOCATION L0000015     VOLUME   405078.545 3746678.256 0.0
LOCATION L0000016     VOLUME   405130.664 3746668.832 0.0
LOCATION L0000017     VOLUME   405183.039 3746660.718 0.0
LOCATION L0000018     VOLUME   405235.717 3746655.526 0.0
LOCATION L0000019     VOLUME   405288.643 3746652.722 0.0
LOCATION L0000020     VOLUME   405341.591 3746650.677 0.0
LOCATION L0000021     VOLUME   405394.590 3746650.389 0.0
LOCATION L0000022     VOLUME   405447.589 3746650.100 0.0
LOCATION L0000023     VOLUME   405500.588 3746649.812 0.0
LOCATION L0000024     VOLUME   405553.587 3746649.524 0.0
LOCATION L0000025     VOLUME   405606.587 3746649.235 0.0
LOCATION L0000026     VOLUME   405659.586 3746648.947 0.0
LOCATION L0000027     VOLUME   405712.585 3746648.658 0.0
LOCATION L0000028     VOLUME   405765.584 3746648.370 0.0
LOCATION L0000029     VOLUME   405818.584 3746648.081 0.0
LOCATION L0000030     VOLUME   405871.583 3746647.793 0.0
LOCATION L0000031     VOLUME   405924.582 3746647.612 0.0
LOCATION L0000032     VOLUME   405977.582 3746647.612 0.0
LOCATION L0000033     VOLUME   406030.582 3746647.612 0.0
LOCATION L0000034     VOLUME   406083.582 3746647.612 0.0
LOCATION L0000035     VOLUME   406136.582 3746647.612 0.0
LOCATION L0000036     VOLUME   406189.582 3746647.612 0.0
LOCATION L0000037     VOLUME   406242.582 3746647.612 0.0
LOCATION L0000038     VOLUME   406295.582 3746647.548 0.0
LOCATION L0000039     VOLUME   406348.581 3746647.292 0.0
LOCATION L0000040     VOLUME   406401.581 3746647.036 0.0
LOCATION L0000041     VOLUME   406454.580 3746646.780 0.0
LOCATION L0000042     VOLUME   406507.580 3746646.524 0.0
LOCATION L0000043     VOLUME   406560.579 3746646.268 0.0
LOCATION L0000044     VOLUME   406613.578 3746646.012 0.0
LOCATION L0000045     VOLUME   406666.578 3746645.756 0.0
LOCATION L0000046     VOLUME   406719.577 3746645.500 0.0
LOCATION L0000047     VOLUME   406772.577 3746645.244 0.0
LOCATION L0000048     VOLUME   406825.576 3746644.988 0.0
LOCATION L0000049     VOLUME   406878.575 3746644.732 0.0
LOCATION L0000050     VOLUME   406931.575 3746644.476 0.0
LOCATION L0000051     VOLUME   406984.574 3746644.326 0.0
LOCATION L0000052     VOLUME   407037.574 3746644.183 0.0
LOCATION L0000053     VOLUME   407090.574 3746644.040 0.0
LOCATION L0000054     VOLUME   407143.574 3746643.898 0.0
LOCATION L0000055     VOLUME   407196.574 3746643.755 0.0
LOCATION L0000056     VOLUME   407249.574 3746643.612 0.0
LOCATION L0000057     VOLUME   407302.573 3746643.470 0.0
LOCATION L0000058     VOLUME   407355.573 3746643.327 0.0
LOCATION L0000059     VOLUME   407408.573 3746643.184 0.0
LOCATION L0000060     VOLUME   407461.573 3746643.042 0.0
LOCATION L0000061     VOLUME   407514.573 3746642.899 0.0
LOCATION L0000062     VOLUME   407567.572 3746642.756 0.0
LOCATION L0000063     VOLUME   407620.572 3746642.614 0.0
LOCATION L0000064     VOLUME   407673.572 3746642.471 0.0
LOCATION L0000065     VOLUME   407726.572 3746642.328 0.0
LOCATION L0000066     VOLUME   407779.572 3746642.186 0.0
LOCATION L0000067     VOLUME   407832.571 3746642.043 0.0
LOCATION L0000068     VOLUME   407885.571 3746642.192 0.0
LOCATION L0000069     VOLUME   407938.571 3746642.369 0.0
LOCATION L0000070     VOLUME   407991.571 3746642.545 0.0
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   LOCATION L0000071     VOLUME   408044.570 3746642.721 0.0
   LOCATION L0000072     VOLUME   408097.570 3746642.897 0.0
   LOCATION L0000073     VOLUME   408150.570 3746643.073 0.0
   LOCATION L0000074     VOLUME   408203.569 3746643.249 0.0
   LOCATION L0000075     VOLUME   408256.569 3746643.425 0.0
   LOCATION L0000076     VOLUME   408309.569 3746643.602 0.0
   LOCATION L0000077     VOLUME   408362.568 3746643.778 0.0
   LOCATION L0000078     VOLUME   408415.568 3746643.954 0.0
   LOCATION L0000079     VOLUME   408468.568 3746644.130 0.0
   LOCATION L0000080     VOLUME   408521.568 3746644.306 0.0
   LOCATION L0000081     VOLUME   408574.567 3746644.482 0.0
   LOCATION L0000082     VOLUME   408627.567 3746644.659 0.0
   LOCATION L0000083     VOLUME   408680.567 3746644.835 0.0
** END OF LINE VOLUME SOURCE ID = SLINE1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0000001     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000002     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000003     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000004     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000005     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000006     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000007     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000008     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000009     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000010     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000011     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000012     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000013     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000014     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000015     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000016     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000017     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000018     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000019     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000020     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000021     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000022     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000023     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000024     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000025     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000026     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000027     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000028     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000029     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000030     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000031     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000032     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000033     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000034     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000035     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000036     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000037     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000038     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000039     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000040     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000041     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000042     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000043     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000044     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000045     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000046     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000047     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000048     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000049     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000050     0.0006549398      3.49     24.65      3.25
```

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   SRCPARAM L0000051     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000052     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000053     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000054     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000055     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000056     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000057     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000058     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000059     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000060     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000061     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000062     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000063     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000064     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000065     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000066     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000067     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000068     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000069     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000070     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000071     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000072     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000073     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000074     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000075     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000076     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000077     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000078     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000079     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000080     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000081     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000082     0.0006549398      3.49     24.65      3.25
   SRCPARAM L0000083     0.0006549398      3.49     24.65      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                   XYINC 404203.57 95 50.00 3746259.46 20 50.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00

HILL	7	0.00	0.00	0.00	0.00	0.00	0.00

HILL	11	0.00	0.00	0.00	0.00	0.00	0.00

HILL	15	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00
                    HILL   20     0.00
```

```
             ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186     897       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     897       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        19:19:30

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    83 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_2.5

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

 **This Run Includes:     83 Source(s);       1 Source Group(s); and    1900 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 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:  16216

 **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) = 29.00 ; 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:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 OPS CA-91 PM25.ERR
**File for Summary of Results: 14635 OPS CA-91 PM25.SUM

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 19:19:30

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	EMISSION RATE SCALAR VARY BY
L0000001	0	0.65494E-03	404395.6	3746960.4	0.0	3.49	24.65	3.25	YES
L0000002	0	0.65494E-03	404442.9	3746936.5	0.0	3.49	24.65	3.25	YES
L0000003	0	0.65494E-03	404490.2	3746912.6	0.0	3.49	24.65	3.25	YES
L0000004	0	0.65494E-03	404537.5	3746888.7	0.0	3.49	24.65	3.25	YES
L0000005	0	0.65494E-03	404584.9	3746864.9	0.0	3.49	24.65	3.25	YES
L0000006	0	0.65494E-03	404632.2	3746841.0	0.0	3.49	24.65	3.25	YES
L0000007	0	0.65494E-03	404679.5	3746817.1	0.0	3.49	24.65	3.25	YES
L0000008	0	0.65494E-03	404727.3	3746794.3	0.0	3.49	24.65	3.25	YES
L0000009	0	0.65494E-03	404775.8	3746773.0	0.0	3.49	24.65	3.25	YES
L0000010	0	0.65494E-03	404824.4	3746751.8	0.0	3.49	24.65	3.25	YES
L0000011	0	0.65494E-03	404873.9	3746732.9	0.0	3.49	24.65	3.25	

YES
L0000012 0 0.65494E-03 404924.2 3746716.4 0.0 3.49 24.65 3.25
YES
L0000013 0 0.65494E-03 404975.4 3746702.9 0.0 3.49 24.65 3.25
YES
L0000014 0 0.65494E-03 405027.0 3746690.6 0.0 3.49 24.65 3.25
YES
L0000015 0 0.65494E-03 405078.5 3746678.3 0.0 3.49 24.65 3.25
YES
L0000016 0 0.65494E-03 405130.7 3746668.8 0.0 3.49 24.65 3.25
YES
L0000017 0 0.65494E-03 405183.0 3746660.7 0.0 3.49 24.65 3.25
YES
L0000018 0 0.65494E-03 405235.7 3746655.5 0.0 3.49 24.65 3.25
YES
L0000019 0 0.65494E-03 405288.6 3746652.7 0.0 3.49 24.65 3.25
YES
L0000020 0 0.65494E-03 405341.6 3746650.7 0.0 3.49 24.65 3.25
YES
L0000021 0 0.65494E-03 405394.6 3746650.4 0.0 3.49 24.65 3.25
YES
L0000022 0 0.65494E-03 405447.6 3746650.1 0.0 3.49 24.65 3.25
YES
L0000023 0 0.65494E-03 405500.6 3746649.8 0.0 3.49 24.65 3.25
YES
L0000024 0 0.65494E-03 405553.6 3746649.5 0.0 3.49 24.65 3.25
YES
L0000025 0 0.65494E-03 405606.6 3746649.2 0.0 3.49 24.65 3.25
YES
L0000026 0 0.65494E-03 405659.6 3746648.9 0.0 3.49 24.65 3.25
YES
L0000027 0 0.65494E-03 405712.6 3746648.7 0.0 3.49 24.65 3.25
YES
L0000028 0 0.65494E-03 405765.6 3746648.4 0.0 3.49 24.65 3.25
YES
L0000029 0 0.65494E-03 405818.6 3746648.1 0.0 3.49 24.65 3.25
YES
L0000030 0 0.65494E-03 405871.6 3746647.8 0.0 3.49 24.65 3.25
YES
L0000031 0 0.65494E-03 405924.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000032 0 0.65494E-03 405977.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000033 0 0.65494E-03 406030.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000034 0 0.65494E-03 406083.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000035 0 0.65494E-03 406136.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000036 0 0.65494E-03 406189.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000037 0 0.65494E-03 406242.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000038 0 0.65494E-03 406295.6 3746647.5 0.0 3.49 24.65 3.25
YES
L0000039 0 0.65494E-03 406348.6 3746647.3 0.0 3.49 24.65 3.25
YES
L0000040 0 0.65494E-03 406401.6 3746647.0 0.0 3.49 24.65 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE CATS.
L0000041	0	0.65494E-03	406454.6	3746646.8	0.0	3.49	24.65	3.25	YES
L0000042	0	0.65494E-03	406507.6	3746646.5	0.0	3.49	24.65	3.25	YES
L0000043	0	0.65494E-03	406560.6	3746646.3	0.0	3.49	24.65	3.25	YES
L0000044	0	0.65494E-03	406613.6	3746646.0	0.0	3.49	24.65	3.25	YES
L0000045	0	0.65494E-03	406666.6	3746645.8	0.0	3.49	24.65	3.25	YES
L0000046	0	0.65494E-03	406719.6	3746645.5	0.0	3.49	24.65	3.25	YES
L0000047	0	0.65494E-03	406772.6	3746645.2	0.0	3.49	24.65	3.25	YES
L0000048	0	0.65494E-03	406825.6	3746645.0	0.0	3.49	24.65	3.25	YES
L0000049	0	0.65494E-03	406878.6	3746644.7	0.0	3.49	24.65	3.25	YES
L0000050	0	0.65494E-03	406931.6	3746644.5	0.0	3.49	24.65	3.25	YES
L0000051	0	0.65494E-03	406984.6	3746644.3	0.0	3.49	24.65	3.25	YES
L0000052	0	0.65494E-03	407037.6	3746644.2	0.0	3.49	24.65	3.25	YES
L0000053	0	0.65494E-03	407090.6	3746644.0	0.0	3.49	24.65	3.25	YES
L0000054	0	0.65494E-03	407143.6	3746643.9	0.0	3.49	24.65	3.25	YES
L0000055	0	0.65494E-03	407196.6	3746643.8	0.0	3.49	24.65	3.25	YES
L0000056	0	0.65494E-03	407249.6	3746643.6	0.0	3.49	24.65	3.25	YES
L0000057	0	0.65494E-03	407302.6	3746643.5	0.0	3.49	24.65	3.25	YES
L0000058	0	0.65494E-03	407355.6	3746643.3	0.0	3.49	24.65	3.25	YES
L0000059	0	0.65494E-03	407408.6	3746643.2	0.0	3.49	24.65	3.25	YES
L0000060	0	0.65494E-03	407461.6	3746643.0	0.0	3.49	24.65	3.25	YES
L0000061	0	0.65494E-03	407514.6	3746642.9	0.0	3.49	24.65	3.25	YES
L0000062	0	0.65494E-03	407567.6	3746642.8	0.0	3.49	24.65	3.25	YES
L0000063	0	0.65494E-03	407620.6	3746642.6	0.0	3.49	24.65	3.25	YES
L0000064	0	0.65494E-03	407673.6	3746642.5	0.0	3.49	24.65	3.25	YES
L0000065	0	0.65494E-03	407726.6	3746642.3	0.0	3.49	24.65	3.25	YES
L0000066	0	0.65494E-03	407779.6	3746642.2	0.0	3.49	24.65	3.25	YES
L0000067	0	0.65494E-03	407832.6	3746642.0	0.0	3.49	24.65	3.25	

YES
L0000068 0 0.65494E-03 407885.6 3746642.2 0.0 3.49 24.65 3.25
YES
L0000069 0 0.65494E-03 407938.6 3746642.4 0.0 3.49 24.65 3.25
YES
L0000070 0 0.65494E-03 407991.6 3746642.5 0.0 3.49 24.65 3.25
YES
L0000071 0 0.65494E-03 408044.6 3746642.7 0.0 3.49 24.65 3.25
YES
L0000072 0 0.65494E-03 408097.6 3746642.9 0.0 3.49 24.65 3.25
YES
L0000073 0 0.65494E-03 408150.6 3746643.1 0.0 3.49 24.65 3.25
YES
L0000074 0 0.65494E-03 408203.6 3746643.2 0.0 3.49 24.65 3.25
YES
L0000075 0 0.65494E-03 408256.6 3746643.4 0.0 3.49 24.65 3.25
YES
L0000076 0 0.65494E-03 408309.6 3746643.6 0.0 3.49 24.65 3.25
YES
L0000077 0 0.65494E-03 408362.6 3746643.8 0.0 3.49 24.65 3.25
YES
L0000078 0 0.65494E-03 408415.6 3746644.0 0.0 3.49 24.65 3.25
YES
L0000079 0 0.65494E-03 408468.6 3746644.1 0.0 3.49 24.65 3.25
YES
L0000080 0 0.65494E-03 408521.6 3746644.3 0.0 3.49 24.65 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000081	0	0.65494E-03	408574.6	3746644.5	0.0	3.49	24.65	3.25	YES
L0000082	0	0.65494E-03	408627.6	3746644.7	0.0	3.49	24.65	3.25	YES
L0000083	0	0.65494E-03	408680.6	3746644.8	0.0	3.49	24.65	3.25	YES

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

```
 ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    ,
 L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
            L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    ,
            L0000063    , L0000064    ,

            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    ,
            L0000071    , L0000072    ,

            L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    ,
            L0000079    , L0000080    ,

            L0000081    , L0000082    , L0000083    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        19:19:30

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

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


             3010232.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
             L0000006    , L0000007    ,
 L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,
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L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,
L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

```
 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       19:19:30

                    PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                                 X-COORD (METERS)
   (METERS) |     405103.57    405153.57    405203.57    405253.57    405303.57    405353.57
   405403.57    405453.57    405503.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405853.57	405903.57	405953.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
406303.57	406353.57	406403.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406453.57	406503.57	406553.57	406603.57	406653.57	406703.57
406753.57	406803.57	406853.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
	407203.57	407253.57	407303.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
	407653.57	407703.57	407753.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

Y-COORD (METERS)	X-COORD (METERS)											
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57	408103.57	408153.57	408203.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Y-COORD (METERS)	X-COORD (METERS)								
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57	408553.57	408603.57	408653.57

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 3746909.46 | 0.00   0.00   0.00   0.00   0.00
 3746859.46 | 0.00   0.00   0.00   0.00   0.00
 3746809.46 | 0.00   0.00   0.00   0.00   0.00
 3746759.46 | 0.00   0.00   0.00   0.00   0.00
 3746709.46 | 0.00   0.00   0.00   0.00   0.00
 3746659.46 | 0.00   0.00   0.00   0.00   0.00
 3746609.46 | 0.00   0.00   0.00   0.00   0.00
 3746559.46 | 0.00   0.00   0.00   0.00   0.00
 3746509.46 | 0.00   0.00   0.00   0.00   0.00
 3746459.46 | 0.00   0.00   0.00   0.00   0.00
 3746409.46 | 0.00   0.00   0.00   0.00   0.00
 3746359.46 | 0.00   0.00   0.00   0.00   0.00
 3746309.46 | 0.00   0.00   0.00   0.00   0.00
 3746259.46 | 0.00   0.00   0.00   0.00   0.00

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 404203.57   404253.57   404303.57   404353.57   404403.57   404453.57
    404503.57   404553.57   404603.57
 -
 - - - - - - - - - - - - - - - - - -

 3747209.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747159.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747109.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747059.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3747009.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746959.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746909.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746859.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746809.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746759.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746709.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746659.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746609.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746559.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746509.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746459.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746409.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				

- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
	405403.57	405453.57	405503.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 405553.57	405603.57	405653.57	405703.57	405753.57	405803.57	405853.57	405903.57	405953.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406003.57	406053.57	406103.57	406153.57	406203.57	406253.57	406303.57	406353.57	406403.57

```
 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        19:19:30

                     PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     406453.57    406503.57    406553.57    406603.57    406653.57    406703.57
    406753.57    406803.57    406853.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 406903.57	406953.57	407003.57	407053.57	407103.57	407153.57	407203.57	407253.57	407303.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57
407653.57	407703.57	407753.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407803.57	407853.57	407903.57	407953.57	408003.57	408053.57	408103.57	408153.57	408203.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14

L0000004	404553.6	3746859.5	-19.61
L0000004	404503.6	3746909.5	-13.21
L0000004	404553.6	3746909.5	-26.81
L0000005	404553.6	3746859.5	-21.25
L0000005	404603.6	3746859.5	-33.52
L0000005	404603.6	3746909.5	-4.64
L0000006	404603.6	3746809.5	-10.43
L0000006	404653.6	3746809.5	-14.89
L0000006	404603.6	3746859.5	-18.95
L0000006	404653.6	3746859.5	-24.73
L0000007	404653.6	3746809.5	-25.97
L0000007	404703.6	3746809.5	-27.73
L0000007	404653.6	3746859.5	-3.35
L0000007	404703.6	3746859.5	-4.28
L0000008	404703.6	3746759.5	-10.86
L0000008	404753.6	3746759.5	-9.38
L0000008	404703.6	3746809.5	-24.83
L0000008	404753.6	3746809.5	-22.65
L0000009	404753.6	3746759.5	-26.95
L0000009	404803.6	3746759.5	-22.14
L0000009	404753.6	3746809.5	-10.27
L0000009	404803.6	3746809.5	-7.18
L0000010	404803.6	3746709.5	-5.77
L0000010	404853.6	3746709.5	-1.57
L0000010	404803.6	3746759.5	-30.79
L0000010	404853.6	3746759.5	-22.87
L0000011	404853.6	3746709.5	-21.98
L0000011	404903.6	3746709.5	-15.16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000011	404853.6	3746759.5	-19.57
L0000011	404903.6	3746759.5	-13.16
L0000012	404903.6	3746709.5	-31.19
L0000012	404953.6	3746709.5	-22.86
L0000012	404903.6	3746759.5	-5.25
L0000012	404953.6	3746759.5	-0.91
L0000013	404953.6	3746659.5	-4.40
L0000013	405003.6	3746659.5	-1.28
L0000013	404953.6	3746709.5	-30.15
L0000013	405003.6	3746709.5	-24.10
L0000014	405003.6	3746659.5	-14.07
L0000014	405053.6	3746659.5	-12.09
L0000014	405003.6	3746709.5	-22.90
L0000014	405053.6	3746709.5	-20.38
L0000015	405053.6	3746659.5	-21.74
L0000015	405103.6	3746659.5	-21.70
L0000015	405053.6	3746709.5	-13.03
L0000015	405103.6	3746709.5	-13.00
L0000016	405103.6	3746659.5	-24.33
L0000016	405153.6	3746659.5	-28.25
L0000016	405103.6	3746709.5	-4.16

L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50
L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000023	405503.6	3746609.5	-12.54
L0000023	405453.6	3746659.5	-5.00
L0000023	405503.6	3746659.5	-42.90
L0000023	405553.6	3746659.5	0.86
L0000024	405553.6	3746609.5	-12.93
L0000024	405503.6	3746659.5	-2.00
L0000024	405553.6	3746659.5	-43.06
L0000024	405603.6	3746659.5	-2.04
L0000025	405603.6	3746609.5	-13.11
L0000025	405603.6	3746659.5	-42.34
L0000025	405653.6	3746659.5	-4.91
L0000026	405653.6	3746609.5	-13.05
L0000026	405653.6	3746659.5	-40.88
L0000026	405703.6	3746659.5	-7.77
L0000027	405703.6	3746609.5	-12.78
L0000027	405703.6	3746659.5	-38.93
L0000027	405753.6	3746659.5	-10.61
L0000028	405753.6	3746609.5	-12.27
L0000028	405753.6	3746659.5	-36.65
L0000028	405803.6	3746659.5	-13.43
L0000029	405803.6	3746609.5	-11.56
L0000029	405853.6	3746609.5	-0.89
L0000029	405803.6	3746659.5	-34.16
L0000029	405853.6	3746659.5	-16.21
L0000030	405853.6	3746609.5	-10.64
L0000030	405903.6	3746609.5	-3.07
L0000030	405853.6	3746659.5	-31.54
L0000030	405903.6	3746659.5	-18.95
L0000031	405903.6	3746609.5	-9.44
L0000031	405953.6	3746609.5	-5.08

L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68
L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	406053.6	3746609.5	-4.46
L0000034	406103.6	3746609.5	-9.93
L0000034	406053.6	3746659.5	-20.73
L0000034	406103.6	3746659.5	-29.76
L0000035	406103.6	3746609.5	-2.55
L0000035	406153.6	3746609.5	-11.23
L0000035	406103.6	3746659.5	-17.92
L0000035	406153.6	3746659.5	-32.29
L0000036	406153.6	3746609.5	-0.53
L0000036	406203.6	3746609.5	-12.36
L0000036	406153.6	3746659.5	-15.09
L0000036	406203.6	3746659.5	-34.67
L0000037	406253.6	3746609.5	-13.29
L0000037	406203.6	3746659.5	-12.23
L0000037	406253.6	3746659.5	-36.84
L0000038	406303.6	3746609.5	-14.08
L0000038	406253.6	3746659.5	-9.33
L0000038	406303.6	3746659.5	-38.66
L0000039	406353.6	3746609.5	-14.84
L0000039	406303.6	3746659.5	-6.37
L0000039	406353.6	3746659.5	-39.85
L0000040	406403.6	3746609.5	-15.37
L0000040	406353.6	3746659.5	-3.41
L0000040	406403.6	3746659.5	-40.42
L0000040	406453.6	3746659.5	0.46
L0000041	406453.6	3746609.5	-15.66
L0000041	406403.6	3746659.5	-0.44
L0000041	406453.6	3746659.5	-40.28
L0000041	406503.6	3746659.5	-2.39
L0000042	406503.6	3746609.5	-15.72
L0000042	406503.6	3746659.5	-39.45
L0000042	406553.6	3746659.5	-5.22
L0000043	406553.6	3746609.5	-15.53
L0000043	406553.6	3746659.5	-38.06
L0000043	406603.6	3746659.5	-8.03
L0000044	406603.6	3746609.5	-15.10
L0000044	406603.6	3746659.5	-36.23
L0000044	406653.6	3746659.5	-10.80
L0000045	406653.6	3746609.5	-14.44

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000045	406653.6	3746659.5	-34.10
L0000045	406703.6	3746659.5	-13.55
L0000046	406703.6	3746609.5	-13.56
L0000046	406753.6	3746609.5	-3.46
L0000046	406703.6	3746659.5	-31.76
L0000046	406753.6	3746659.5	-16.25
L0000047	406753.6	3746609.5	-12.48
L0000047	406803.6	3746609.5	-5.66
L0000047	406753.6	3746659.5	-29.26
L0000047	406803.6	3746659.5	-18.90
L0000048	406803.6	3746609.5	-11.21
L0000048	406853.6	3746609.5	-7.77
L0000048	406803.6	3746659.5	-26.66
L0000048	406853.6	3746659.5	-21.48
L0000049	406853.6	3746609.5	-9.76
L0000049	406903.6	3746609.5	-9.77
L0000049	406853.6	3746659.5	-23.98
L0000049	406903.6	3746659.5	-23.99
L0000050	406903.6	3746609.5	-8.16
L0000050	406953.6	3746609.5	-11.65
L0000050	406903.6	3746659.5	-21.24
L0000050	406953.6	3746659.5	-26.38
L0000051	406953.6	3746609.5	-6.34
L0000051	407003.6	3746609.5	-13.29
L0000051	406953.6	3746659.5	-18.50
L0000051	407003.6	3746659.5	-28.71
L0000052	407003.6	3746609.5	-4.40
L0000052	407053.6	3746609.5	-14.77
L0000052	407003.6	3746659.5	-15.72
L0000052	407053.6	3746659.5	-30.88
L0000053	407053.6	3746609.5	-2.35
L0000053	407103.6	3746609.5	-16.06
L0000053	407053.6	3746659.5	-12.91
L0000053	407103.6	3746659.5	-32.83
L0000054	407103.6	3746609.5	-0.21
L0000054	407153.6	3746609.5	-17.14
L0000054	407103.6	3746659.5	-10.07
L0000054	407153.6	3746659.5	-34.50
L0000055	407203.6	3746609.5	-18.00
L0000055	407153.6	3746659.5	-7.22

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0000066	407753.6	3746659.5	-21.78
L0000066	407803.6	3746659.5	-23.43
L0000067	407803.6	3746609.5	-9.38
L0000067	407853.6	3746609.5	-14.23
L0000067	407803.6	3746659.5	-19.17
L0000067	407853.6	3746659.5	-25.72
L0000068	407853.6	3746609.5	-7.22
L0000068	407903.6	3746609.5	-15.64
L0000068	407853.6	3746659.5	-16.63
L0000068	407903.6	3746659.5	-28.05
L0000069	407903.6	3746609.5	-4.96
L0000069	407953.6	3746609.5	-16.83
L0000069	407903.6	3746659.5	-14.05
L0000069	407953.6	3746659.5	-30.26
L0000070	407953.6	3746609.5	-2.61
L0000070	408003.6	3746609.5	-17.80
L0000070	407953.6	3746659.5	-11.40
L0000070	408003.6	3746659.5	-32.26
L0000071	408003.6	3746609.5	-0.20
L0000071	408053.6	3746609.5	-18.54
L0000071	408003.6	3746659.5	-8.71
L0000071	408053.6	3746659.5	-33.99
L0000072	408103.6	3746609.5	-19.03
L0000072	408053.6	3746659.5	-5.98
L0000072	408103.6	3746659.5	-35.38
L0000073	408153.6	3746609.5	-19.25
L0000073	408103.6	3746659.5	-3.22
L0000073	408153.6	3746659.5	-36.34
L0000074	408203.6	3746609.5	-19.21
L0000074	408153.6	3746659.5	-0.44
L0000074	408203.6	3746659.5	-36.79
L0000074	408253.6	3746659.5	-0.43
L0000075	408253.6	3746609.5	-18.90
L0000075	408253.6	3746659.5	-36.68
L0000075	408303.6	3746659.5	-3.34
L0000076	408303.6	3746609.5	-18.33
L0000076	408303.6	3746659.5	-36.04
L0000076	408353.6	3746659.5	-6.23
L0000077	408353.6	3746609.5	-17.52
L0000077	408403.6	3746609.5	0.47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55

L0000079	408503.6	3746659.5	-14.79
L0000080	408503.6	3746609.5	-13.78
L0000080	408553.6	3746609.5	-5.69
L0000080	408503.6	3746659.5	-29.47
L0000080	408553.6	3746659.5	-17.59
L0000081	408553.6	3746609.5	-12.16
L0000081	408603.6	3746609.5	-7.53
L0000081	408553.6	3746659.5	-27.21
L0000081	408603.6	3746659.5	-20.36
L0000082	408603.6	3746609.5	-10.40
L0000082	408653.6	3746609.5	-9.24
L0000082	408603.6	3746659.5	-24.80
L0000082	408653.6	3746659.5	-23.08
L0000083	408653.6	3746609.5	-8.50
L0000083	408703.6	3746609.5	-10.80
L0000083	408653.6	3746659.5	-22.29
L0000083	408703.6	3746659.5	-25.74

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Version: 16216
Profile file:
KFUL_V9_ADJU\KFUL_V9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82				

```
 318.   10.1  283.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  322.    0.96   283.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        19:19:30

                      PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                             SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                 L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_2.5   IN
                                       MICROGRAMS/M**3                          **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       404203.57              404253.57              404303.57
  404353.57              404403.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3747209.5 |      0.08568m(13010324)      0.09463m(13010324)      0.10419m(13010324)
 0.11365m(13010324)      0.12205m(13010324)
 3747159.5 |      0.09420m(13010324)      0.10644m(13010324)      0.12026m(13010324)
 0.13442m(13010324)      0.14677m(13010324)
 3747109.5 |      0.10387m(13010324)      0.12114m(13010324)      0.14265m(13010324)
 0.16658m(13010324)      0.18711m(13010324)
 3747059.5 |      0.11411m(13010324)      0.13873m(13010324)      0.17488m(13010324)
 0.22403m(13010324)      0.26731m(13010324)
 3747009.5 |      0.12338m(13010324)      0.15679m(13010324)      0.21819m(13010324)
 0.35341m(13010324)      0.28186m(13010324)
 3746959.5 |      0.12932m(13010324)      0.16851m(13010324)      0.25080m(13010324)
 0.24582m(13010324)      0.23004m(13010324)
 3746909.5 |      0.13028m(13010324)      0.16803m(13010324)      0.23934m(13010324)
 0.40421m(13010324)      0.26576m(13010324)
 3746859.5 |      0.12677m(13010324)      0.15844m(13010324)      0.20872m(13010324)
 0.29027m(13010324)      0.41349m(13010324)
 3746809.5 |      0.12066m(13010324)      0.14583m(13010324)      0.18109m(13010324)
 0.22984m(13010324)      0.29438m(13010324)
 3746759.5 |      0.11355m(13010324)      0.13344m(13010324)      0.15914m(13010324)
 0.19179m(13010324)      0.23214m(13010324)
 3746709.5 |      0.10638m(13010324)      0.12227m(13010324)      0.14174m(13010324)
 0.16525m(13010324)      0.19308m(13010324)
 3746659.5 |      0.09956m(13010324)      0.11245m(13010324)      0.12768m(13010324)
 0.14545m(13010324)      0.16589m(13010324)
 3746609.5 |      0.09326m(13010324)      0.10388m(13010324)      0.11610m(13010324)
 0.13001m(13010324)      0.14567m(13010324)
 3746559.5 |      0.08749m(13010324)      0.09637m(13010324)      0.10638m(13010324)
 0.11756m(13010324)      0.12993m(13010324)
```

3746509.5 | 0.08225m(13010324) 0.08976m(13010324) 0.09809m(13010324)
0.10726m(13010324) 0.11727m(13010324)
3746459.5 | 0.07749m(13010324) 0.08391m(13010324) 0.09093m(13010324)
0.09858m(13010324) 0.10683m(13010324)
3746409.5 | 0.07315m(13010324) 0.07869m(13010324) 0.08469m(13010324)
0.09115m(13010324) 0.09805m(13010324)
3746359.5 | 0.06920m(13010324) 0.07402m(13010324) 0.07919m(13010324)
0.08471m(13010324) 0.09057m(13010324)
3746309.5 | 0.06559m(13010324) 0.06981m(13010324) 0.07431m(13010324)
0.07907m(13010324) 0.08409m(13010324)
3746259.5 | 0.06229m(13010324) 0.06601m(13010324) 0.06995m(13010324)
0.07410m(13010324) 0.07844m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	404453.57	404503.57	404553.57	404603.57	404653.57
3747209.5	0.12859m(13010324)	0.13295m(13010324)	0.13533m(13010324)	0.13619m(13010324)	0.13600m(13010324)
3747159.5	0.15540m(13010324)	0.15993m(13010324)	0.16120m(13010324)	0.16036m(13010324)	0.15832m(13010324)
3747109.5	0.19864m(13010324)	0.20151m(13010324)	0.19913m(13010324)	0.19428m(13010324)	0.18853m(13010324)
3747059.5	0.27973m(13010324)	0.27223m(13010324)	0.25864m(13010324)	0.24434m(13010324)	0.23111m(13010324)
3747009.5	0.47271m(13010324)	0.41029m(13010324)	0.36126m(13010324)	0.32376m(13010324)	0.29469m(13010324)
3746959.5	0.57051m(13010324)	0.51543m(13010324)	0.57226m(13010324)	0.46683m(13010324)	0.39926m(13010324)
3746909.5	0.37475m(13010324)	0.44385m(13010324)	0.67248m(13010324)	0.56535m(13010324)	0.60817m(13010324)
3746859.5	0.59123m(13010324)	0.59833m(13010324)	0.44872m(13010324)	0.48039m(13010324)	0.48408m(13010324)
3746809.5	0.37708m(13010324)	0.48640m(13010324)	0.64736m(13010324)	0.62328m(13010324)	0.48047m(13010324)
3746759.5	0.28091m(13010324)	0.34016m(13010324)	0.41498m(13010324)	0.51645m(13010324)	0.66964m(13010324)
3746709.5	0.22553m(13010324)	0.26323m(13010324)	0.30769m(13010324)	0.36171m(13010324)	0.43010m(13010324)
3746659.5	0.18911m(13010324)	0.21532m(13010324)	0.24504m(13010324)	0.27912m(13010324)	0.31890m(13010324)

3746609.5 | 0.16311m(13010324) 0.18240m(13010324) 0.20370m(13010324)
0.22730m(13010324) 0.25359m(13010324)
3746559.5 | 0.14349m(13010324) 0.15826m(13010324) 0.17427m(13010324)
0.19160m(13010324) 0.21034m(13010324)
3746509.5 | 0.12810m(13010324) 0.13975m(13010324) 0.15220m(13010324)
0.16545m(13010324) 0.17949m(13010324)
3746459.5 | 0.11567m(13010324) 0.12507m(13010324) 0.13501m(13010324)
0.14545m(13010324) 0.15636m(13010324)
3746409.5 | 0.10539m(13010324) 0.11312m(13010324) 0.12122m(13010324)
0.12965m(13010324) 0.13836m(13010324)
3746359.5 | 0.09674m(13010324) 0.10319m(13010324) 0.10991m(13010324)
0.11684m(13010324) 0.12396m(13010324)
3746309.5 | 0.08935m(13010324) 0.09481m(13010324) 0.10046m(13010324)
0.10626m(13010324) 0.11217m(13010324)
3746259.5 | 0.08296m(13010324) 0.08764m(13010324) 0.09245m(13010324)
0.09736m(13010324) 0.10235m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	404703.57	404753.57	404803.57	404853.57	404903.57
3747209.5	0.13515m(13010324)	0.13393m(13010324)	0.13255m(13010324)	0.13113m(13010324)	0.12977m(13010324)
3747159.5	0.15569m(13010324)	0.15287m(13010324)	0.15008m(13010324)	0.14747m(13010324)	0.14509m(13010324)
3747109.5	0.18270m(13010324)	0.17719m(13010324)	0.17218m(13010324)	0.16774m(13010324)	0.16387m(13010324)
3747059.5	0.21943m(13010324)	0.20935m(13010324)	0.20076m(13010324)	0.19350m(13010324)	0.18741m(13010324)
3747009.5	0.27182m(13010324)	0.25364m(13010324)	0.23906m(13010324)	0.22729m(13010324)	0.21777m(13010324)
3746959.5	0.35249m(13010324)	0.31858m(13010324)	0.29318m(13010324)	0.27372m(13010324)	0.25860m(13010324)
3746909.5	0.49521m(13010324)	0.42454m(13010324)	0.37657m(13010324)	0.34228m(13010324)	0.31703m(13010324)
3746859.5	0.59359m(13010324)	0.63786m(13010324)	0.52677m(13010324)	0.45663m(13010324)	0.40951m(13010324)
3746809.5	0.49812m(13010324)	0.49376m(13010324)	0.63761m(13010324)	0.69944m(13010324)	0.58566m(13010324)
3746759.5	0.62534m(13010324)	0.49858m(13010324)	0.51235m(13010324)	0.50973m(13010324)	0.49396m(13010324)

3746709.5 | 0.52104m(13010324) 0.65048m(13010324) 0.59978m(13010324)
0.49698m(13010324) 0.51626m(13010324)
3746659.5 | 0.36628m(13010324) 0.42417m(13010324) 0.49689m(13010324)
0.58998m(13010324) 0.71055m(13010324)
3746609.5 | 0.28311m(13010324) 0.31648m(13010324) 0.35437m(13010324)
0.39720m(13010324) 0.44505m(13010324)
3746559.5 | 0.23062m(13010324) 0.25254m(13010324) 0.27614m(13010324)
0.30132m(13010324) 0.32784m(13010324)
3746509.5 | 0.19433m(13010324) 0.20993m(13010324) 0.22620m(13010324)
0.24303m(13010324) 0.26020m(13010324)
3746459.5 | 0.16770m(13010324) 0.17941m(13010324) 0.19139m(13010324)
0.20353m(13010324) 0.21570m(13010324)
3746409.5 | 0.14732m(13010324) 0.15644m(13010324) 0.16567m(13010324)
0.17491m(13010324) 0.18405m(13010324)
3746359.5 | 0.13121m(13010324) 0.13853m(13010324) 0.14587m(13010324)
0.15316m(13010324) 0.16032m(13010324)
3746309.5 | 0.11816m(13010324) 0.12417m(13010324) 0.13016m(13010324)
0.13607m(13010324) 0.14185m(13010324)
3746259.5 | 0.10737m(13010324) 0.11239m(13010324) 0.11738m(13010324)
0.12228m(13010324) 0.12706m(13010324)
FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 19:19:30

PAGE 43
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 404953.57 405003.57 405053.57
405103.57 405153.57
- - - -

3746809.5 | 0.51594m(13010324) 0.46896m(13010324) 0.43498m(13010324)
0.40979m(13010324) 0.39133m(13010324)
3746759.5 | 0.64057m(13010324) 0.72906m(13010324) 0.64205m(13010324)
0.58242m(13010324) 0.54221m(13010324)
3746709.5 | 0.52368m(13010324) 0.52123m(13010324) 0.51359m(13010324)
0.50290m(13010324) 0.68045m(13010324)
3746659.5 | 0.61722m(13010324) 0.48772m(13010324) 0.50561m(13010324)
0.51887m(13010324) 0.52894m(13010324)
3746609.5 | 0.49788m(13010324) 0.55690m(13010324) 0.62475m(13010324)
0.69933m(13010324) 0.77719m(13010324)
3746559.5 | 0.35544m(13010324) 0.38401m(13010324) 0.41335m(13010324)
0.44258m(13010324) 0.47027m(13010324)
3746509.5 | 0.27751m(13010324) 0.29476m(13010324) 0.31166m(13010324)
0.32778m(13010324) 0.34253m(13010324)
3746459.5 | 0.22774m(13010324) 0.23948m(13010324) 0.25073m(13010324)
0.26126m(13010324) 0.27080m(13010324)
3746409.5 | 0.19299m(13010324) 0.20160m(13010324) 0.20978m(13010324)
0.21737m(13010324) 0.22425m(13010324)
3746359.5 | 0.16727m(13010324) 0.17393m(13010324) 0.18022m(13010324)
0.18606m(13010324) 0.19136m(13010324)
3746309.5 | 0.14744m(13010324) 0.15278m(13010324) 0.15782m(13010324)
0.16251m(13010324) 0.16679m(13010324)
3746259.5 | 0.13167m(13010324) 0.13608m(13010324) 0.14024m(13010324)
0.14411m(13010324) 0.14768m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	405203.57	405253.57	405303.57	405353.57	405403.57
3747209.5	0.12436m(13010324)	0.12395m(13010324)	0.12366m(13010324)	0.12346m(13010324)	0.12336m(13010324)
3747159.5	0.13638m(13010324)	0.13573m(13010324)	0.13525m(13010324)	0.13491m(13010324)	0.13470m(13010324)
3747109.5	0.15062m(13010324)	0.14966m(13010324)	0.14894m(13010324)	0.14843m(13010324)	0.14809m(13010324)
3747059.5	0.16780m(13010324)	0.16643m(13010324)	0.16541m(13010324)	0.16468m(13010324)	0.16419m(13010324)
3747009.5	0.18899m(13010324)	0.18708m(13010324)	0.18566m(13010324)	0.18466m(13010324)	0.18398m(13010324)
3746959.5	0.21591m(13010324)	0.21324m(13010324)	0.21130m(13010324)	0.20994m(13010324)	0.20904m(13010324)

3746909.5 | 0.25154m(13010324) 0.24775m(13010324) 0.24506m(13010324)
0.24322m(13010324) 0.24202m(13010324)
3746859.5 | 0.30152m(13010324) 0.29590m(13010324) 0.29204m(13010324)
0.28950m(13010324) 0.28792m(13010324)
3746809.5 | 0.37815m(13010324) 0.36910m(13010324) 0.36317m(13010324)
0.35949m(13010324) 0.35734m(13010324)
3746759.5 | 0.51518m(13010324) 0.49791m(13010324) 0.48737m(13010324)
0.48129m(13010324) 0.47816m(13010324)
3746709.5 | 0.64080m(13010324) 0.80656m(13010324) 0.77932m(13010324)
0.76429m(13010324) 0.75906m(13010324)
3746659.5 | 0.53632m(13010324) 0.54235m(13010324) 0.54834m(13010324)
0.55605m(13010324) 0.56552m(13010324)
3746609.5 | 0.85053m(13010324) 0.66672m(13010324) 0.67601m(13010324)
0.67564m(13010324) 0.67565m(13010324)
3746559.5 | 0.49449m(13010324) 0.51351m(13010324) 0.52724m(13010324)
0.53635m(13010324) 0.54176m(13010324)
3746509.5 | 0.35529m(13010324) 0.36564m(13010324) 0.37355m(13010324)
0.37929m(13010324) 0.38335m(13010324)
3746459.5 | 0.27911m(13010324) 0.28604m(13010324) 0.29161m(13010324)
0.29594m(13010324) 0.29927m(13010324)
3746409.5 | 0.23031m(13010324) 0.23549m(13010324) 0.23980m(13010324)
0.24332m(13010324) 0.24617m(13010324)
3746359.5 | 0.19609m(13010324) 0.20022m(13010324) 0.20374m(13010324)
0.20672m(13010324) 0.20921m(13010324)
3746309.5 | 0.17065m(13010324) 0.17406m(13010324) 0.17704m(13010324)
0.17962m(13010324) 0.18183m(13010324)
3746259.5 | 0.15092m(13010324) 0.15383m(13010324) 0.15641m(13010324)
0.15867m(13010324) 0.16066m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS) | X-COORD (METERS)
405453.57 405503.57 405553.57
405603.57 405653.57
- - - -

3747009.5 | 0.18356m(13010324) 0.18332m(13010324) 0.18322m(13010324)
0.18321m(13010324) 0.18327m(13010324)
3746959.5 | 0.20847m(13010324) 0.20815m(13010324) 0.20800m(13010324)
0.20796m(13010324) 0.20800m(13010324)
3746909.5 | 0.24129m(13010324) 0.24087m(13010324) 0.24067m(13010324)
0.24060m(13010324) 0.24061m(13010324)
3746859.5 | 0.28699m(13010324) 0.28646m(13010324) 0.28619m(13010324)
0.28607m(13010324) 0.28603m(13010324)
3746809.5 | 0.35615m(13010324) 0.35548m(13010324) 0.35510m(13010324)
0.35487m(13010324) 0.35472m(13010324)
3746759.5 | 0.47654m(13010324) 0.47558m(13010324) 0.47490m(13010324)
0.47434m(13010324) 0.47385m(13010324)
3746709.5 | 0.75629m(13010324) 0.75406m(13010324) 0.75195m(13010324)
0.74983m(13010324) 0.74766m(13010324)
3746659.5 | 0.57818m(13010324) 0.59344m(13010324) 0.61065m(13010324)
0.59334m(13010324) 0.57902m(13010324)
3746609.5 | 0.67453m(13010324) 0.67445m(13010324) 0.67586m(13010324)
0.67897m(13010324) 0.68389m(13010324)
3746559.5 | 0.54536m(13010324) 0.54819m(13010324) 0.55064m(13010324)
0.55287m(13010324) 0.55496m(13010324)
3746509.5 | 0.38629m(13010324) 0.38858m(13010324) 0.39048m(13010324)
0.39213m(13010324) 0.39360m(13010324)
3746459.5 | 0.30185m(13010324) 0.30391m(13010324) 0.30561m(13010324)
0.30707m(13010324) 0.30834m(13010324)
3746409.5 | 0.24847m(13010324) 0.25037m(13010324) 0.25195m(13010324)
0.25331m(13010324) 0.25449m(13010324)
3746359.5 | 0.21129m(13010324) 0.21304m(13010324) 0.21453m(13010324)
0.21582m(13010324) 0.21693m(13010324)
3746309.5 | 0.18372m(13010324) 0.18535m(13010324) 0.18675m(13010324)
0.18797m(13010324) 0.18903m(13010324)
3746259.5 | 0.16238m(13010324) 0.16389m(13010324) 0.16521m(13010324)
0.16637m(13010324) 0.16738m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 405703.57 405753.57 405803.57
405853.57 405903.57
- - - -

```
3747109.5 |      0.14806m(13010324)      0.14821m(13010324)      0.14836m(13010324)
0.14851m(13010324)      0.14867m(13010324)
3747059.5 |      0.16389m(13010324)      0.16403m(13010324)      0.16417m(13010324)
0.16433m(13010324)      0.16448m(13010324)
3747009.5 |      0.18338m(13010324)      0.18351m(13010324)      0.18365m(13010324)
0.18380m(13010324)      0.18396m(13010324)
3746959.5 |      0.20809m(13010324)      0.20821m(13010324)      0.20834m(13010324)
0.20849m(13010324)      0.20864m(13010324)
3746909.5 |      0.24068m(13010324)      0.24077m(13010324)      0.24088m(13010324)
0.24101m(13010324)      0.24115m(13010324)
3746859.5 |      0.28605m(13010324)      0.28609m(13010324)      0.28615m(13010324)
0.28624m(13010324)      0.28634m(13010324)
3746809.5 |      0.35461m(13010324)      0.35452m(13010324)      0.35446m(13010324)
0.35443m(13010324)      0.35445m(13010324)
3746759.5 |      0.47337m(13010324)      0.47292m(13010324)      0.47248m(13010324)
0.47211m(13010324)      0.47188m(13010324)
3746709.5 |      0.74545m(13010324)      0.74322m(13010324)      0.74103m(13010324)
0.73900m(13010324)      0.73753m(13010324)
3746659.5 |      0.56731m(13010324)      0.55789m(13010324)      0.55056m(13010324)
0.54517m(13010324)      0.54160m(13010324)
3746609.5 |      0.69072m(13010324)      0.69954m(13010324)      0.71040m(13010324)
0.50215m(13010324)      0.50043m(13010324)
3746559.5 |      0.55693m(13010324)      0.55880m(13010324)      0.56057m(13010324)
0.56218m(13010324)      0.56348m(13010324)
3746509.5 |      0.39494m(13010324)      0.39617m(13010324)      0.39729m(13010324)
0.39828m(13010324)      0.39911m(13010324)
3746459.5 |      0.30947m(13010324)      0.31048m(13010324)      0.31139m(13010324)
0.31219m(13010324)      0.31287m(13010324)
3746409.5 |      0.25553m(13010324)      0.25644m(13010324)      0.25726m(13010324)
0.25798m(13010324)      0.25861m(13010324)
3746359.5 |      0.21791m(13010324)      0.21878m(13010324)      0.21955m(13010324)
0.22022m(13010324)      0.22082m(13010324)
3746309.5 |      0.18997m(13010324)      0.19080m(13010324)      0.19154m(13010324)
0.19219m(13010324)      0.19277m(13010324)
3746259.5 |      0.16829m(13010324)      0.16908m(13010324)      0.16980m(13010324)
0.17043m(13010324)      0.17099m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        19:19:30

                     PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_2.5   IN
                                       MICROGRAMS/M**3                          **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       405953.57              406003.57              406053.57
  406103.57              406153.57
 - - -
```

3747209.5 | 0.12456m(13010324) 0.12469m(13010324) 0.12481m(13010324)
0.12491m(13010324) 0.12500m(13010324)
3747159.5 | 0.13567m(13010324) 0.13581m(13010324) 0.13593m(13010324)
0.13603m(13010324) 0.13612m(13010324)
3747109.5 | 0.14881m(13010324) 0.14895m(13010324) 0.14907m(13010324)
0.14918m(13010324) 0.14927m(13010324)
3747059.5 | 0.16463m(13010324) 0.16477m(13010324) 0.16490m(13010324)
0.16501m(13010324) 0.16510m(13010324)
3747009.5 | 0.18411m(13010324) 0.18425m(13010324) 0.18438m(13010324)
0.18449m(13010324) 0.18459m(13010324)
3746959.5 | 0.20879m(13010324) 0.20893m(13010324) 0.20906m(13010324)
0.20918m(13010324) 0.20928m(13010324)
3746909.5 | 0.24129m(13010324) 0.24143m(13010324) 0.24157m(13010324)
0.24169m(13010324) 0.24179m(13010324)
3746859.5 | 0.28647m(13010324) 0.28660m(13010324) 0.28674m(13010324)
0.28687m(13010324) 0.28697m(13010324)
3746809.5 | 0.35453m(13010324) 0.35465m(13010324) 0.35479m(13010324)
0.35493m(13010324) 0.35503m(13010324)
3746759.5 | 0.47184m(13010324) 0.47194m(13010324) 0.47209m(13010324)
0.47224m(13010324) 0.47236m(13010324)
3746709.5 | 0.73698m(13010324) 0.73704m(13010324) 0.73727m(13010324)
0.73757m(13010324) 0.73788m(13010324)
3746659.5 | 0.53967m(13010324) 0.53936m(13010324) 0.54072m(13010324)
0.54372m(13010324) 0.54841m(13010324)
3746609.5 | 0.49970m(13010324) 0.49989m(13010324) 0.50089m(13010324)
0.50284m(13010324) 0.50575m(13010324)
3746559.5 | 0.56434m(13010324) 0.56488m(13010324) 0.56528m(13010324)
0.56561m(13010324) 0.56591m(13010324)
3746509.5 | 0.39976m(13010324) 0.40027m(13010324) 0.40068m(13010324)
0.40103m(13010324) 0.40134m(13010324)
3746459.5 | 0.31346m(13010324) 0.31394m(13010324) 0.31435m(13010324)
0.31471m(13010324) 0.31502m(13010324)
3746409.5 | 0.25915m(13010324) 0.25962m(13010324) 0.26003m(13010324)
0.26038m(13010324) 0.26070m(13010324)
3746359.5 | 0.22135m(13010324) 0.22181m(13010324) 0.22221m(13010324)
0.22256m(13010324) 0.22288m(13010324)
3746309.5 | 0.19328m(13010324) 0.19373m(13010324) 0.19412m(13010324)
0.19447m(13010324) 0.19479m(13010324)
3746259.5 | 0.17149m(13010324) 0.17193m(13010324) 0.17232m(13010324)
0.17266m(13010324) 0.17297m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 406203.57 406253.57 406303.57

3747209.5 | 0.12507m(13010324) 0.12512m(13010324) 0.12515m(13010324)
0.12516m(13010324) 0.12515m(13010324)
3747159.5 | 0.13619m(13010324) 0.13624m(13010324) 0.13627m(13010324)
0.13628m(13010324) 0.13627m(13010324)
3747109.5 | 0.14934m(13010324) 0.14939m(13010324) 0.14942m(13010324)
0.14943m(13010324) 0.14941m(13010324)
3747059.5 | 0.16517m(13010324) 0.16522m(13010324) 0.16525m(13010324)
0.16524m(13010324) 0.16522m(13010324)
3747009.5 | 0.18466m(13010324) 0.18470m(13010324) 0.18472m(13010324)
0.18471m(13010324) 0.18467m(13010324)
3746959.5 | 0.20935m(13010324) 0.20939m(13010324) 0.20940m(13010324)
0.20937m(13010324) 0.20931m(13010324)
3746909.5 | 0.24186m(13010324) 0.24189m(13010324) 0.24188m(13010324)
0.24183m(13010324) 0.24174m(13010324)
3746859.5 | 0.28703m(13010324) 0.28705m(13010324) 0.28701m(13010324)
0.28691m(13010324) 0.28676m(13010324)
3746809.5 | 0.35509m(13010324) 0.35508m(13010324) 0.35498m(13010324)
0.35477m(13010324) 0.35450m(13010324)
3746759.5 | 0.47242m(13010324) 0.47235m(13010324) 0.47208m(13010324)
0.47161m(13010324) 0.47099m(13010324)
3746709.5 | 0.73815m(13010324) 0.73817m(13010324) 0.73752m(13010324)
0.73595m(13010324) 0.73405m(13010324)
3746659.5 | 0.55485m(13010324) 0.56318m(13010324) 0.57359m(13010324)
0.58626m(13010324) 0.60125m(13010324)
3746609.5 | 0.71423m(13010324) 0.70636m(13010324) 0.70102m(13010324)
0.69754m(13010324) 0.69632m(13010324)
3746559.5 | 0.56622m(13010324) 0.56665m(13010324) 0.56734m(13010324)
0.56835m(13010324) 0.56950m(13010324)
3746509.5 | 0.40165m(13010324) 0.40199m(13010324) 0.40240m(13010324)
0.40288m(13010324) 0.40341m(13010324)
3746459.5 | 0.31532m(13010324) 0.31562m(13010324) 0.31593m(13010324)
0.31625m(13010324) 0.31658m(13010324)
3746409.5 | 0.26099m(13010324) 0.26126m(13010324) 0.26152m(13010324)
0.26178m(13010324) 0.26202m(13010324)
3746359.5 | 0.22316m(13010324) 0.22342m(13010324) 0.22365m(13010324)
0.22387m(13010324) 0.22406m(13010324)
3746309.5 | 0.19506m(13010324) 0.19531m(13010324) 0.19553m(13010324)
0.19572m(13010324) 0.19589m(13010324)
3746259.5 | 0.17324m(13010324) 0.17348m(13010324) 0.17369m(13010324)
0.17387m(13010324) 0.17402m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN

Y-COORD (METERS)	X-COORD (METERS) 406453.57	406503.57	406553.57	406603.57	406653.57
3747209.5	0.12511m(13010324)	0.12506m(13010324)	0.12498m(13010324)	0.12488m(13010324)	0.12476m(13010324)
3747159.5	0.13623m(13010324)	0.13617m(13010324)	0.13608m(13010324)	0.13597m(13010324)	0.13584m(13010324)
3747109.5	0.14936m(13010324)	0.14929m(13010324)	0.14920m(13010324)	0.14908m(13010324)	0.14894m(13010324)
3747059.5	0.16516m(13010324)	0.16509m(13010324)	0.16498m(13010324)	0.16485m(13010324)	0.16469m(13010324)
3747009.5	0.18461m(13010324)	0.18451m(13010324)	0.18439m(13010324)	0.18424m(13010324)	0.18407m(13010324)
3746959.5	0.20923m(13010324)	0.20911m(13010324)	0.20896m(13010324)	0.20878m(13010324)	0.20858m(13010324)
3746909.5	0.24161m(13010324)	0.24145m(13010324)	0.24126m(13010324)	0.24104m(13010324)	0.24079m(13010324)
3746859.5	0.28657m(13010324)	0.28633m(13010324)	0.28606m(13010324)	0.28577m(13010324)	0.28544m(13010324)
3746809.5	0.35416m(13010324)	0.35378m(13010324)	0.35336m(13010324)	0.35291m(13010324)	0.35244m(13010324)
3746759.5	0.47030m(13010324)	0.46956m(13010324)	0.46878m(13010324)	0.46798m(13010324)	0.46715m(13010324)
3746709.5	0.73201m(13010324)	0.72988m(13010324)	0.72767m(13010324)	0.72542m(13010324)	0.72313m(13010324)
3746659.5	0.60577m(13010324)	0.58943m(13010324)	0.57583m(13010324)	0.56464m(13010324)	0.55561m(13010324)
3746609.5	0.69719m(13010324)	0.70018m(13010324)	0.70538m(13010324)	0.71285m(13010324)	0.72268m(13010324)
3746559.5	0.57069m(13010324)	0.57187m(13010324)	0.57304m(13010324)	0.57419m(13010324)	0.57531m(13010324)
3746509.5	0.40396m(13010324)	0.40450m(13010324)	0.40502m(13010324)	0.40552m(13010324)	0.40599m(13010324)
3746459.5	0.31691m(13010324)	0.31722m(13010324)	0.31751m(13010324)	0.31778m(13010324)	0.31803m(13010324)
3746409.5	0.26225m(13010324)	0.26246m(13010324)	0.26265m(13010324)	0.26281m(13010324)	0.26295m(13010324)
3746359.5	0.22424m(13010324)	0.22440m(13010324)	0.22453m(13010324)	0.22464m(13010324)	0.22472m(13010324)
3746309.5	0.19604m(13010324)	0.19616m(13010324)	0.19626m(13010324)	0.19634m(13010324)	0.19638m(13010324)
3746259.5	0.17415m(13010324)	0.17425m(13010324)	0.17433m(13010324)	0.17438m(13010324)	0.17440m(13010324)

FF *** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK GP\14635 CONS *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 19:19:30

PAGE 50
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

Y-COORD (METERS)	X-COORD (METERS)				
	406703.57	406753.57	406803.57	406853.57	406903.57
3747209.5	0.12461m(13010324)	0.12444m(13010324)	0.12424m(13010324)	0.12402m(13010324)	0.12377m(13010324)
3747159.5	0.13569m(13010324)	0.13551m(13010324)	0.13530m(13010324)	0.13507m(13010324)	0.13481m(13010324)
3747109.5	0.14877m(13010324)	0.14858m(13010324)	0.14837m(13010324)	0.14812m(13010324)	0.14785m(13010324)
3747059.5	0.16451m(13010324)	0.16431m(13010324)	0.16408m(13010324)	0.16382m(13010324)	0.16353m(13010324)
3747009.5	0.18387m(13010324)	0.18364m(13010324)	0.18339m(13010324)	0.18311m(13010324)	0.18281m(13010324)
3746959.5	0.20835m(13010324)	0.20809m(13010324)	0.20781m(13010324)	0.20750m(13010324)	0.20717m(13010324)
3746909.5	0.24052m(13010324)	0.24022m(13010324)	0.23989m(13010324)	0.23954m(13010324)	0.23917m(13010324)
3746859.5	0.28509m(13010324)	0.28471m(13010324)	0.28431m(13010324)	0.28389m(13010324)	0.28345m(13010324)
3746809.5	0.35194m(13010324)	0.35141m(13010324)	0.35086m(13010324)	0.35030m(13010324)	0.34973m(13010324)
3746759.5	0.46630m(13010324)	0.46542m(13010324)	0.46452m(13010324)	0.46362m(13010324)	0.46272m(13010324)
3746709.5	0.72085m(13010324)	0.71858m(13010324)	0.71634m(13010324)	0.71415m(13010324)	0.71207m(13010324)
3746659.5	0.54852m(13010324)	0.54324m(13010324)	0.53964m(13010324)	0.53766m(13010324)	0.53728m(13010324)
3746609.5	0.51178m(13010324)	0.50890m(13010324)	0.50703m(13010324)	0.50616m(13010324)	0.50624m(13010324)
3746559.5	0.57641m(13010324)	0.57748m(13010324)	0.57852m(13010324)	0.57952m(13010324)	0.58044m(13010324)
3746509.5	0.40643m(13010324)	0.40685m(13010324)	0.40723m(13010324)	0.40756m(13010324)	0.40783m(13010324)
3746459.5	0.31824m(13010324)	0.31843m(13010324)	0.31858m(13010324)	0.31868m(13010324)	0.31874m(13010324)
3746409.5	0.26306m(13010324)	0.26314m(13010324)	0.26318m(13010324)	0.26318m(13010324)	0.26315m(13010324)
3746359.5	0.22477m(13010324)	0.22479m(13010324)	0.22477m(13010324)	0.22472m(13010324)	0.22464m(13010324)
3746309.5	0.19640m(13010324)	0.19638m(13010324)	0.19633m(13010324)	0.19626m(13010324)	0.19614m(13010324)
3746259.5	0.17440m(13010324)	0.17436m(13010324)	0.17430m(13010324)	0.17420m(13010324)	0.17407m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,

L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	406953.57	407003.57	407053.57	407103.57	407153.57
3747209.5	0.12350m(13010324)	0.12320m(13010324)	0.12287m(13010324)	0.12251m(13010324)	0.12212m(13010324)
3747159.5	0.13453m(13010324)	0.13422m(13010324)	0.13388m(13010324)	0.13350m(13010324)	0.13310m(13010324)
3747109.5	0.14756m(13010324)	0.14723m(13010324)	0.14688m(13010324)	0.14649m(13010324)	0.14607m(13010324)
3747059.5	0.16322m(13010324)	0.16288m(13010324)	0.16251m(13010324)	0.16211m(13010324)	0.16168m(13010324)
3747009.5	0.18247m(13010324)	0.18212m(13010324)	0.18173m(13010324)	0.18131m(13010324)	0.18085m(13010324)
3746959.5	0.20682m(13010324)	0.20643m(13010324)	0.20602m(13010324)	0.20558m(13010324)	0.20510m(13010324)
3746909.5	0.23877m(13010324)	0.23835m(13010324)	0.23791m(13010324)	0.23743m(13010324)	0.23692m(13010324)
3746859.5	0.28299m(13010324)	0.28251m(13010324)	0.28202m(13010324)	0.28149m(13010324)	0.28093m(13010324)
3746809.5	0.34915m(13010324)	0.34857m(13010324)	0.34799m(13010324)	0.34738m(13010324)	0.34673m(13010324)
3746759.5	0.46187m(13010324)	0.46107m(13010324)	0.46028m(13010324)	0.45948m(13010324)	0.45865m(13010324)
3746709.5	0.71028m(13010324)	0.70883m(13010324)	0.70748m(13010324)	0.70613m(13010324)	0.70476m(13010324)
3746659.5	0.53844m(13010324)	0.54116m(13010324)	0.54555m(13010324)	0.55165m(13010324)	0.55958m(13010324)
3746609.5	0.50738m(13010324)	0.50960m(13010324)	0.51282m(13010324)	0.51715m(13010324)	0.72442m(13010324)
3746559.5	0.58117m(13010324)	0.58171m(13010324)	0.58213m(13010324)	0.58250m(13010324)	0.58281m(13010324)
3746509.5	0.40802m(13010324)	0.40813m(13010324)	0.40816m(13010324)	0.40813m(13010324)	0.40806m(13010324)
3746459.5	0.31875m(13010324)	0.31870m(13010324)	0.31859m(13010324)	0.31844m(13010324)	0.31823m(13010324)
3746409.5	0.26307m(13010324)	0.26294m(13010324)	0.26277m(13010324)	0.26256m(13010324)	0.26229m(13010324)
3746359.5	0.22451m(13010324)	0.22435m(13010324)	0.22414m(13010324)	0.22389m(13010324)	0.22360m(13010324)
3746309.5	0.19599m(13010324)	0.19580m(13010324)	0.19557m(13010324)	0.19531m(13010324)	0.19500m(13010324)
3746259.5	0.17390m(13010324)	0.17370m(13010324)	0.17346m(13010324)	0.17318m(13010324)	0.17286m(13010324)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	407203.57	407253.57	407303.57	407353.57	407403.57
3747209.5	0.12170m(13010324)	0.12124m(13010324)	0.12074m(13010324)	0.12020m(13010324)	0.11962m(13010324)
3747159.5	0.13266m(13010324)	0.13219m(13010324)	0.13167m(13010324)	0.13112m(13010324)	0.13051m(13010324)
3747109.5	0.14562m(13010324)	0.14513m(13010324)	0.14460m(13010324)	0.14402m(13010324)	0.14340m(13010324)
3747059.5	0.16120m(13010324)	0.16069m(13010324)	0.16014m(13010324)	0.15955m(13010324)	0.15891m(13010324)
3747009.5	0.18036m(13010324)	0.17983m(13010324)	0.17926m(13010324)	0.17864m(13010324)	0.17798m(13010324)
3746959.5	0.20459m(13010324)	0.20403m(13010324)	0.20343m(13010324)	0.20279m(13010324)	0.20209m(13010324)
3746909.5	0.23638m(13010324)	0.23579m(13010324)	0.23516m(13010324)	0.23448m(13010324)	0.23375m(13010324)
3746859.5	0.28034m(13010324)	0.27971m(13010324)	0.27903m(13010324)	0.27830m(13010324)	0.27752m(13010324)
3746809.5	0.34606m(13010324)	0.34534m(13010324)	0.34457m(13010324)	0.34376m(13010324)	0.34289m(13010324)
3746759.5	0.45778m(13010324)	0.45687m(13010324)	0.45592m(13010324)	0.45491m(13010324)	0.45385m(13010324)
3746709.5	0.70332m(13010324)	0.70181m(13010324)	0.70022m(13010324)	0.69854m(13010324)	0.69676m(13010324)
3746659.5	0.56947m(13010324)	0.58153m(13010324)	0.80127m(13010324)	0.58925m(13010324)	0.57408m(13010324)
3746609.5	0.71768m(13010324)	0.71332m(13010324)	0.71136m(13010324)	0.71184m(13010324)	0.71482m(13010324)
3746559.5	0.58308m(13010324)	0.58330m(13010324)	0.58347m(13010324)	0.58358m(13010324)	0.58363m(13010324)
3746509.5	0.40793m(13010324)	0.40776m(13010324)	0.40754m(13010324)	0.40726m(13010324)	0.40693m(13010324)
3746459.5	0.31798m(13010324)	0.31768m(13010324)	0.31733m(13010324)	0.31692m(13010324)	0.31646m(13010324)
3746409.5	0.26198m(13010324)	0.26163m(13010324)	0.26122m(13010324)	0.26076m(13010324)	0.26024m(13010324)
3746359.5	0.22326m(13010324)	0.22288m(13010324)	0.22244m(13010324)	0.22195m(13010324)	0.22141m(13010324)
3746309.5	0.19464m(13010324)	0.19424m(13010324)	0.19380m(13010324)	0.19330m(13010324)	0.19274m(13010324)
3746259.5	0.17250m(13010324)	0.17209m(13010324)	0.17164m(13010324)	0.17114m(13010324)	0.17058m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 407453.57	407503.57	407553.57	407603.57	407653.57
3747209.5	0.11900m(13010324)	0.11832m(13010324)	0.11760m(13010324)	0.11681m(13010324)	0.11597m(13010324)
3747159.5	0.12987m(13010324)	0.12917m(13010324)	0.12841m(13010324)	0.12760m(13010324)	0.12672m(13010324)
3747109.5	0.14273m(13010324)	0.14201m(13010324)	0.14122m(13010324)	0.14038m(13010324)	0.13947m(13010324)
3747059.5	0.15821m(13010324)	0.15746m(13010324)	0.15665m(13010324)	0.15578m(13010324)	0.15483m(13010324)
3747009.5	0.17726m(13010324)	0.17648m(13010324)	0.17564m(13010324)	0.17473m(13010324)	0.17375m(13010324)
3746959.5	0.20134m(13010324)	0.20054m(13010324)	0.19966m(13010324)	0.19872m(13010324)	0.19770m(13010324)
3746909.5	0.23296m(13010324)	0.23212m(13010324)	0.23120m(13010324)	0.23022m(13010324)	0.22916m(13010324)
3746859.5	0.27668m(13010324)	0.27578m(13010324)	0.27481m(13010324)	0.27376m(13010324)	0.27264m(13010324)
3746809.5	0.34196m(13010324)	0.34097m(13010324)	0.33991m(13010324)	0.33877m(13010324)	0.33756m(13010324)
3746759.5	0.45273m(13010324)	0.45154m(13010324)	0.45029m(13010324)	0.44895m(13010324)	0.44754m(13010324)
3746709.5	0.69490m(13010324)	0.69295m(13010324)	0.69093m(13010324)	0.68883m(13010324)	0.68668m(13010324)
3746659.5	0.56131m(13010324)	0.55066m(13010324)	0.54192m(13010324)	0.53492m(13010324)	0.52953m(13010324)
3746609.5	0.72035m(13010324)	0.51884m(13010324)	0.51283m(13010324)	0.50791m(13010324)	0.50405m(13010324)
3746559.5	0.58361m(13010324)	0.58352m(13010324)	0.58335m(13010324)	0.58309m(13010324)	0.58273m(13010324)
3746509.5	0.40653m(13010324)	0.40605m(13010324)	0.40550m(13010324)	0.40486m(13010324)	0.40412m(13010324)
3746459.5	0.31593m(13010324)	0.31533m(13010324)	0.31466m(13010324)	0.31389m(13010324)	0.31302m(13010324)
3746409.5	0.25966m(13010324)	0.25901m(13010324)	0.25828m(13010324)	0.25746m(13010324)	0.25655m(13010324)
3746359.5	0.22080m(13010324)	0.22013m(13010324)	0.21938m(13010324)	0.21855m(13010324)	0.21763m(13010324)
3746309.5	0.19213m(13010324)	0.19145m(13010324)	0.19070m(13010324)	0.18987m(13010324)	0.18895m(13010324)
3746259.5	0.16997m(13010324)	0.16929m(13010324)	0.16855m(13010324)	0.16773m(13010324)	0.16682m(13010324)

*** THE   1ST HIGHEST 24-HR AVERAGE CONCENTRATION   VALUES FOR
SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   ,
L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   ,
L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   ,
L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   ,
L0000027   , L0000028   , . . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5   IN
MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	407703.57	407753.57	407803.57	407853.57	407903.57
3747209.5	0.11506m(13010324)	0.11408m(13010324)	0.11302m(13010324)	0.11188m(13010324)	0.11064m(13010324)
3747159.5	0.12578m(13010324)	0.12475m(13010324)	0.12365m(13010324)	0.12245m(13010324)	0.12115m(13010324)
3747109.5	0.13848m(13010324)	0.13742m(13010324)	0.13626m(13010324)	0.13501m(13010324)	0.13364m(13010324)
3747059.5	0.15381m(13010324)	0.15270m(13010324)	0.15150m(13010324)	0.15019m(13010324)	0.14876m(13010324)
3747009.5	0.17269m(13010324)	0.17154m(13010324)	0.17029m(13010324)	0.16893m(13010324)	0.16745m(13010324)
3746959.5	0.19660m(13010324)	0.19541m(13010324)	0.19411m(13010324)	0.19271m(13010324)	0.19117m(13010324)
3746909.5	0.22801m(13010324)	0.22677m(13010324)	0.22543m(13010324)	0.22398m(13010324)	0.22240m(13010324)
3746859.5	0.27144m(13010324)	0.27014m(13010324)	0.26876m(13010324)	0.26727m(13010324)	0.26566m(13010324)
3746809.5	0.33626m(13010324)	0.33488m(13010324)	0.33343m(13010324)	0.33191m(13010324)	0.33031m(13010324)
3746759.5	0.44604m(13010324)	0.44448m(13010324)	0.44289m(13010324)	0.44135m(13010324)	0.43984m(13010324)
3746709.5	0.68447m(13010324)	0.68224m(13010324)	0.68010m(13010324)	0.67853m(13010324)	0.67767m(13010324)
3746659.5	0.52567m(13010324)	0.52327m(13010324)	0.52238m(13010324)	0.52285m(13010324)	0.52467m(13010324)
3746609.5	0.50120m(13010324)	0.49933m(13010324)	0.49826m(13010324)	0.49821m(13010324)	0.49919m(13010324)
3746559.5	0.58225m(13010324)	0.58160m(13010324)	0.58065m(13010324)	0.57910m(13010324)	0.57685m(13010324)
3746509.5	0.40325m(13010324)	0.40221m(13010324)	0.40096m(13010324)	0.39941m(13010324)	0.39752m(13010324)
3746459.5	0.31203m(13010324)	0.31090m(13010324)	0.30959m(13010324)	0.30806m(13010324)	0.30630m(13010324)
3746409.5	0.25552m(13010324)	0.25437m(13010324)	0.25306m(13010324)	0.25157m(13010324)	0.24989m(13010324)
3746359.5	0.21660m(13010324)	0.21545m(13010324)	0.21416m(13010324)	0.21272m(13010324)	0.21110m(13010324)
3746309.5	0.18793m(13010324)	0.18680m(13010324)	0.18554m(13010324)	0.18415m(13010324)	0.18260m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	407953.57	408003.57	408053.57	408103.57	408153.57
3747209.5	0.10930m(13010324)	0.10785m(13010324)	0.10628m(13010324)	0.10457m(13010324)	0.10272m(13010324)
3747159.5	0.11973m(13010324)	0.11820m(13010324)	0.11652m(13010324)	0.11469m(13010324)	0.11270m(13010324)
3747109.5	0.13216m(13010324)	0.13053m(13010324)	0.12875m(13010324)	0.12680m(13010324)	0.12465m(13010324)
3747059.5	0.14720m(13010324)	0.14549m(13010324)	0.14360m(13010324)	0.14152m(13010324)	0.13921m(13010324)
3747009.5	0.16582m(13010324)	0.16402m(13010324)	0.16203m(13010324)	0.15982m(13010324)	0.15736m(13010324)
3746959.5	0.18947m(13010324)	0.18760m(13010324)	0.18552m(13010324)	0.18320m(13010324)	0.18058m(13010324)
3746909.5	0.22066m(13010324)	0.21873m(13010324)	0.21657m(13010324)	0.21414m(13010324)	0.21138m(13010324)
3746859.5	0.26389m(13010324)	0.26193m(13010324)	0.25973m(13010324)	0.25723m(13010324)	0.25437m(13010324)
3746809.5	0.32857m(13010324)	0.32663m(13010324)	0.32445m(13010324)	0.32194m(13010324)	0.31904m(13010324)
3746759.5	0.43826m(13010324)	0.43650m(13010324)	0.43449m(13010324)	0.43213m(13010324)	0.42935m(13010324)
3746709.5	0.67694m(13010324)	0.67605m(13010324)	0.67490m(13010324)	0.67339m(13010324)	0.67141m(13010324)
3746659.5	0.52811m(13010324)	0.53311m(13010324)	0.53974m(13010324)	0.54812m(13010324)	0.55840m(13010324)
3746609.5	0.50087m(13010324)	0.50340m(13010324)	0.70698m(13010324)	0.69669m(13010324)	0.68863m(13010324)
3746559.5	0.57416m(13010324)	0.57113m(13010324)	0.56778m(13010324)	0.56406m(13010324)	0.55988m(13010324)
3746509.5	0.39532m(13010324)	0.39282m(13010324)	0.39001m(13010324)	0.38684m(13010324)	0.38324m(13010324)
3746459.5	0.30429m(13010324)	0.30201m(13010324)	0.29944m(13010324)	0.29653m(13010324)	0.29323m(13010324)
3746409.5	0.24799m(13010324)	0.24585m(13010324)	0.24344m(13010324)	0.24072m(13010324)	0.23765m(13010324)

3746359.5 | 0.20929m(13010324) 0.20727m(13010324) 0.20500m(13010324)
0.20245m(13010324) 0.19958m(13010324)
3746309.5 | 0.18088m(13010324) 0.17896m(13010324) 0.17682m(13010324)
0.17444m(13010324) 0.17176m(13010324)
3746259.5 | 0.15905m(13010324) 0.15723m(13010324) 0.15522m(13010324)
0.15299m(13010324) 0.15050m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408203.57	408253.57	408303.57	408353.57	408403.57
3747209.5	0.10072m(13010324)	0.09854m(13010324)	0.09619m(13010324)	0.09366m(13010324)	0.09093m(13010324)
3747159.5	0.11052m(13010324)	0.10814m(13010324)	0.10554m(13010324)	0.10272m(13010324)	0.09966m(13010324)
3747109.5	0.12228m(13010324)	0.11968m(13010324)	0.11681m(13010324)	0.11365m(13010324)	0.11019m(13010324)
3747059.5	0.13665m(13010324)	0.13381m(13010324)	0.13063m(13010324)	0.12710m(13010324)	0.12318m(13010324)
3747009.5	0.15459m(13010324)	0.15149m(13010324)	0.14799m(13010324)	0.14404m(13010324)	0.13958m(13010324)
3746959.5	0.17761m(13010324)	0.17424m(13010324)	0.17040m(13010324)	0.16598m(13010324)	0.16091m(13010324)
3746909.5	0.20823m(13010324)	0.20461m(13010324)	0.20040m(13010324)	0.19550m(13010324)	0.18975m(13010324)
3746859.5	0.25106m(13010324)	0.24721m(13010324)	0.24267m(13010324)	0.23728m(13010324)	0.23081m(13010324)
3746809.5	0.31565m(13010324)	0.31164m(13010324)	0.30684m(13010324)	0.30103m(13010324)	0.29386m(13010324)
3746759.5	0.42604m(13010324)	0.42205m(13010324)	0.41718m(13010324)	0.41114m(13010324)	0.40348m(13010324)
3746709.5	0.66883m(13010324)	0.66550m(13010324)	0.66118m(13010324)	0.65553m(13010324)	0.64804m(13010324)
3746659.5	0.77029m(13010324)	0.55091m(13010324)	0.53196m(13010324)	0.51392m(13010324)	0.49600m(13010324)
3746609.5	0.68260m(13010324)	0.67836m(13010324)	0.67562m(13010324)	0.67397m(13010324)	0.46111m(13010324)
3746559.5	0.55514m(13010324)	0.54969m(13010324)	0.54331m(13010324)	0.53567m(13010324)	0.52629m(13010324)
3746509.5	0.37912m(13010324)	0.37434m(13010324)	0.36870m(13010324)	0.36196m(13010324)	0.35371m(13010324)

3746459.5 | 0.28944m(13010324) 0.28506m(13010324) 0.27993m(13010324)
0.27385m(13010324) 0.26653m(13010324)
3746409.5 | 0.23413m(13010324) 0.23010m(13010324) 0.22543m(13010324)
0.21996m(13010324) 0.21352m(13010324)
3746359.5 | 0.19633m(13010324) 0.19262m(13010324) 0.18838m(13010324)
0.18350m(13010324) 0.17785m(13010324)
3746309.5 | 0.16876m(13010324) 0.16537m(13010324) 0.16153m(13010324)
0.15719m(13010324) 0.15225m(13010324)
3746259.5 | 0.14774m(13010324) 0.14465m(13010324) 0.14119m(13010324)
0.13732m(13010324) 0.13300m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 ,
L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408453.57	408503.57	408553.57	408603.57	408653.57
3747209.5	0.08802m(13010324)	0.08494m(13010324)	0.08169m(13010324)	0.07831m(13010324)	0.07483m(13010324)
3747159.5	0.09635m(13010324)	0.09281m(13010324)	0.08906m(13010324)	0.08512m(13010324)	0.08105m(13010324)
3747109.5	0.10642m(13010324)	0.10233m(13010324)	0.09794m(13010324)	0.09330m(13010324)	0.08847m(13010324)
3747059.5	0.11884m(13010324)	0.11407m(13010324)	0.10888m(13010324)	0.10333m(13010324)	0.09749m(13010324)
3747009.5	0.13456m(13010324)	0.12894m(13010324)	0.12272m(13010324)	0.11595m(13010324)	0.10873m(13010324)
3746959.5	0.15508m(13010324)	0.14841m(13010324)	0.14083m(13010324)	0.13239m(13010324)	0.12322m(13010324)
3746909.5	0.18297m(13010324)	0.17498m(13010324)	0.16561m(13010324)	0.15481m(13010324)	0.14275m(13010324)
3746859.5	0.22295m(13010324)	0.21335m(13010324)	0.20160m(13010324)	0.18738m(13010324)	0.17074m(13010324)
3746809.5	0.28488m(13010324)	0.27342m(13010324)	0.25857m(13010324)	0.23927m(13010324)	0.21485m(13010324)
3746759.5	0.39353m(13010324)	0.38021m(13010324)	0.36169m(13010324)	0.33503m(13010324)	0.29627m(13010324)
3746709.5	0.63783m(13010324)	0.62337m(13010324)	0.60165m(13010324)	0.56606m(13010324)	0.50067m(13010324)
3746659.5	0.47704m(13010324)	0.45510m(13010324)	0.42617m(13010324)	0.38009m(13010324)	0.27959m(13010324)
3746609.5	0.44420m(13010324)	0.42386m(13010324)	0.39641m(13010324)	0.35284m(13010324)	0.26424m(13010324)

3746559.5 | 0.51438m(13010324) 0.49856m(13010324) 0.47634m(13010324)
0.44286m(13010324) 0.38894m(13010324)
3746509.5 | 0.34338m(13010324) 0.33007m(13010324) 0.31240m(13010324)
0.28844m(13010324) 0.25621m(13010324)
3746459.5 | 0.25760m(13010324) 0.24652m(13010324) 0.23266m(13010324)
0.21537m(13010324) 0.19443m(13010324)
3746409.5 | 0.20586m(13010324) 0.19671m(13010324) 0.18578m(13010324)
0.17293m(13010324) 0.15828m(13010324)
3746359.5 | 0.17131m(13010324) 0.16372m(13010324) 0.15500m(13010324)
0.14514m(13010324) 0.13430m(13010324)
3746309.5 | 0.14664m(13010324) 0.14032m(13010324) 0.13323m(13010324)
0.12545m(13010324) 0.11709m(13010324)
3746259.5 | 0.12818m(13010324) 0.12285m(13010324) 0.11701m(13010324)
0.11071m(13010324) 0.10405m(13010324)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	408703.57	408753.57	408803.57	408853.57	408903.57
3747209.5	0.07130m(13010324)	0.06776m(13010324)	0.06426m(13010324)	0.06085m(13010324)	0.05755m(13010324)
3747159.5	0.07691m(13010324)	0.07276m(13010324)	0.06866m(13010324)	0.06468m(13010324)	0.06088m(13010324)
3747109.5	0.08353m(13010324)	0.07858m(13010324)	0.07371m(13010324)	0.06902m(13010324)	0.06456m(13010324)
3747059.5	0.09149m(13010324)	0.08547m(13010324)	0.07958m(13010324)	0.07395m(13010324)	0.06867m(13010324)
3747009.5	0.10126m(13010324)	0.09376m(13010324)	0.08648m(13010324)	0.07960m(13010324)	0.07325m(13010324)
3746959.5	0.11363m(13010324)	0.10399m(13010324)	0.09472m(13010324)	0.08611m(13010324)	0.07835m(13010324)
3746909.5	0.12989m(13010324)	0.11696m(13010324)	0.10471m(13010324)	0.09365m(13010324)	0.08399m(13010324)
3746859.5	0.15245m(13010324)	0.13402m(13010324)	0.11702m(13010324)	0.10233m(13010324)	0.09011m(13010324)
3746809.5	0.18640m(13010324)	0.15758m(13010324)	0.13234m(13010324)	0.11215m(13010324)	0.09650m(13010324)
3746759.5	0.24482m(13010324)	0.19210m(13010324)	0.15110m(13010324)	0.12257m(13010324)	0.10265m(13010324)
3746709.5	0.37693m(13010324)	0.24450m(13010324)	0.17164m(13010324)	0.13196m(13010324)	0.10760m(13010324)

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 3746659.5 |      0.29039m(13010324)      0.30213m(13010324)      0.18569m(13010324)
 0.13726m(13010324)      0.11015m(13010324)
 3746609.5 |      0.27284m(13010324)      0.28199m(13010324)      0.18160m(13010324)
 0.13582m(13010324)      0.10948m(13010324)
 3746559.5 |      0.30619m(13010324)      0.22049m(13010324)      0.16336m(13010324)
 0.12844m(13010324)      0.10582m(13010324)
 3746509.5 |      0.21655m(13010324)      0.17633m(13010324)      0.14310m(13010324)
 0.11835m(13010324)      0.10026m(13010324)
 3746459.5 |      0.17084m(13010324)      0.14709m(13010324)      0.12577m(13010324)
 0.10808m(13010324)      0.09394m(13010324)
 3746409.5 |      0.14247m(13010324)      0.12659m(13010324)      0.11178m(13010324)
 0.09872m(13010324)      0.08762m(13010324)
 3746359.5 |      0.12288m(13010324)      0.11142m(13010324)      0.10050m(13010324)
 0.09052m(13010324)      0.08168m(13010324)
 3746309.5 |      0.10840m(13010324)      0.09969m(13010324)      0.09128m(13010324)
 0.08342m(13010324)      0.07627m(13010324)
 3746259.5 |      0.09719m(13010324)      0.09032m(13010324)      0.08363m(13010324)
 0.07728m(13010324)      0.07138m(13010324)
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        19:19:30

                      PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST 24-HR RESULTS ***


                                      ** CONC OF PM_2.5   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       0.85053m ON 13010324: AT (  405203.57,  3746609.46,
0.00,     0.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\14635 BUENA PARK
GP\14635 CONS  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        19:19:30

                      PAGE  60
 *** 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         2285 Informational Message(s)

 A Total of        43848 Hours Were Processed
```

A Total of   1588 Calm Hours Identified

A Total of   697 Missing Hours Identified (1.59 Percent)

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

******** WARNING MESSAGES ********
ME W186 897 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 897 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/6/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Ops CA-91 DPM\14635 Ops
CA-91 DPM.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 3010232 Orange_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14635 Ops CA-91 DPM.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 = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 53.00
** Configuration = Adjacent
** Emission Rate = 0.01064
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 13
** 404371.937, 3746972.329, 0.00, 3.49, 24.65
** 404707.688, 3746802.877, 0.00, 3.49, 24.65
** 404797.537, 3746763.470, 0.00, 3.49, 24.65
** 404850.343, 3746740.613, 0.00, 3.49, 24.65
** 404939.404, 3746711.452, 0.00, 3.49, 24.65
** 405094.669, 3746674.409, 0.00, 3.49, 24.65
** 405206.586, 3746657.070, 0.00, 3.49, 24.65
** 405325.596, 3746650.764, 0.00, 3.49, 24.65
** 405904.885, 3746647.612, 0.00, 3.49, 24.65
** 406282.408, 3746647.612, 0.00, 3.49, 24.65
** 406934.995, 3746644.459, 0.00, 3.49, 24.65
** 407837.003, 3746642.031, 0.00, 3.49, 24.65
** 408727.746, 3746644.991, 0.00, 3.49, 24.65
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   404395.595 3746960.389 0.0
   LOCATION L0000002     VOLUME   404442.911 3746936.509 0.0
   LOCATION L0000003     VOLUME   404490.226 3746912.629 0.0
   LOCATION L0000004     VOLUME   404537.541 3746888.749 0.0
```

```
LOCATION L0000005     VOLUME   404584.857 3746864.869 0.0
LOCATION L0000006     VOLUME   404632.172 3746840.990 0.0
LOCATION L0000007     VOLUME   404679.488 3746817.110 0.0
LOCATION L0000008     VOLUME   404727.297 3746794.277 0.0
LOCATION L0000009     VOLUME   404775.833 3746772.989 0.0
LOCATION L0000010     VOLUME   404824.427 3746751.831 0.0
LOCATION L0000011     VOLUME   404873.874 3746732.908 0.0
LOCATION L0000012     VOLUME   404924.243 3746716.416 0.0
LOCATION L0000013     VOLUME   404975.439 3746702.855 0.0
LOCATION L0000014     VOLUME   405026.992 3746690.555 0.0
LOCATION L0000015     VOLUME   405078.545 3746678.256 0.0
LOCATION L0000016     VOLUME   405130.664 3746668.832 0.0
LOCATION L0000017     VOLUME   405183.039 3746660.718 0.0
LOCATION L0000018     VOLUME   405235.717 3746655.526 0.0
LOCATION L0000019     VOLUME   405288.643 3746652.722 0.0
LOCATION L0000020     VOLUME   405341.591 3746650.677 0.0
LOCATION L0000021     VOLUME   405394.590 3746650.389 0.0
LOCATION L0000022     VOLUME   405447.589 3746650.100 0.0
LOCATION L0000023     VOLUME   405500.588 3746649.812 0.0
LOCATION L0000024     VOLUME   405553.587 3746649.524 0.0
LOCATION L0000025     VOLUME   405606.587 3746649.235 0.0
LOCATION L0000026     VOLUME   405659.586 3746648.947 0.0
LOCATION L0000027     VOLUME   405712.585 3746648.658 0.0
LOCATION L0000028     VOLUME   405765.584 3746648.370 0.0
LOCATION L0000029     VOLUME   405818.584 3746648.081 0.0
LOCATION L0000030     VOLUME   405871.583 3746647.793 0.0
LOCATION L0000031     VOLUME   405924.582 3746647.612 0.0
LOCATION L0000032     VOLUME   405977.582 3746647.612 0.0
LOCATION L0000033     VOLUME   406030.582 3746647.612 0.0
LOCATION L0000034     VOLUME   406083.582 3746647.612 0.0
LOCATION L0000035     VOLUME   406136.582 3746647.612 0.0
LOCATION L0000036     VOLUME   406189.582 3746647.612 0.0
LOCATION L0000037     VOLUME   406242.582 3746647.612 0.0
LOCATION L0000038     VOLUME   406295.582 3746647.548 0.0
LOCATION L0000039     VOLUME   406348.581 3746647.292 0.0
LOCATION L0000040     VOLUME   406401.581 3746647.036 0.0
LOCATION L0000041     VOLUME   406454.580 3746646.780 0.0
LOCATION L0000042     VOLUME   406507.580 3746646.524 0.0
LOCATION L0000043     VOLUME   406560.579 3746646.268 0.0
LOCATION L0000044     VOLUME   406613.578 3746646.012 0.0
LOCATION L0000045     VOLUME   406666.578 3746645.756 0.0
LOCATION L0000046     VOLUME   406719.577 3746645.500 0.0
LOCATION L0000047     VOLUME   406772.577 3746645.244 0.0
LOCATION L0000048     VOLUME   406825.576 3746644.988 0.0
LOCATION L0000049     VOLUME   406878.575 3746644.732 0.0
LOCATION L0000050     VOLUME   406931.575 3746644.476 0.0
LOCATION L0000051     VOLUME   406984.574 3746644.326 0.0
LOCATION L0000052     VOLUME   407037.574 3746644.183 0.0
LOCATION L0000053     VOLUME   407090.574 3746644.040 0.0
LOCATION L0000054     VOLUME   407143.574 3746643.898 0.0
LOCATION L0000055     VOLUME   407196.574 3746643.755 0.0
LOCATION L0000056     VOLUME   407249.574 3746643.612 0.0
LOCATION L0000057     VOLUME   407302.573 3746643.470 0.0
LOCATION L0000058     VOLUME   407355.573 3746643.327 0.0
LOCATION L0000059     VOLUME   407408.573 3746643.184 0.0
LOCATION L0000060     VOLUME   407461.573 3746643.042 0.0
LOCATION L0000061     VOLUME   407514.573 3746642.899 0.0
LOCATION L0000062     VOLUME   407567.572 3746642.756 0.0
LOCATION L0000063     VOLUME   407620.572 3746642.614 0.0
LOCATION L0000064     VOLUME   407673.572 3746642.471 0.0
LOCATION L0000065     VOLUME   407726.572 3746642.328 0.0
LOCATION L0000066     VOLUME   407779.572 3746642.186 0.0
LOCATION L0000067     VOLUME   407832.571 3746642.043 0.0
LOCATION L0000068     VOLUME   407885.571 3746642.192 0.0
LOCATION L0000069     VOLUME   407938.571 3746642.369 0.0
LOCATION L0000070     VOLUME   407991.571 3746642.545 0.0
```

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   LOCATION L0000071     VOLUME   408044.570 3746642.721 0.0
   LOCATION L0000072     VOLUME   408097.570 3746642.897 0.0
   LOCATION L0000073     VOLUME   408150.570 3746643.073 0.0
   LOCATION L0000074     VOLUME   408203.569 3746643.249 0.0
   LOCATION L0000075     VOLUME   408256.569 3746643.425 0.0
   LOCATION L0000076     VOLUME   408309.569 3746643.602 0.0
   LOCATION L0000077     VOLUME   408362.568 3746643.778 0.0
   LOCATION L0000078     VOLUME   408415.568 3746643.954 0.0
   LOCATION L0000079     VOLUME   408468.568 3746644.130 0.0
   LOCATION L0000080     VOLUME   408521.568 3746644.306 0.0
   LOCATION L0000081     VOLUME   408574.567 3746644.482 0.0
   LOCATION L0000082     VOLUME   408627.567 3746644.659 0.0
   LOCATION L0000083     VOLUME   408680.567 3746644.835 0.0
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000002     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000003     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000004     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000005     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000006     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000007     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000008     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000009     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000010     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000011     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000012     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000013     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000014     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000015     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000016     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000017     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000018     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000019     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000020     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000021     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000022     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000023     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000024     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000025     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000026     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000027     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000028     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000029     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000030     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000031     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000032     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000033     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000034     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000035     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000036     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000037     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000038     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000039     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000040     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000041     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000042     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000043     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000044     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000045     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000046     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000047     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000048     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000049     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000050     0.0001281928      3.49     24.65      3.25
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   SRCPARAM L0000051     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000052     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000053     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000054     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000055     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000056     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000057     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000058     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000059     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000060     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000061     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000062     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000063     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000064     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000065     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000066     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000067     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000068     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000069     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000070     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000071     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000072     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000073     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000074     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000075     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000076     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000077     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000078     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000079     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000080     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000081     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000082     0.0001281928      3.49     24.65      3.25
   SRCPARAM L0000083     0.0001281928      3.49     24.65      3.25
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   GRIDCART UCART1 STA
                   XYINC 404203.57 95 50.00 3746259.46 20 50.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    1     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
                   ELEV    2     0.00     0.00     0.00     0.00     0.00     0.00
```

ELEV	2	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	6	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	10	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	14	0.00	0.00	0.00	0.00	0.00	
ELEV	15	0.00	0.00	0.00	0.00	0.00	0.00

ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	0.00
ELEV	18	0.00	0.00	0.00	0.00	0.00	
ELEV	19	0.00	0.00	0.00	0.00	0.00	0.00

HILL	2	0.00	0.00	0.00	0.00	0.00	0.00
HILL	2	0.00	0.00	0.00	0.00	0.00	
HILL	3	0.00	0.00	0.00	0.00	0.00	0.00

HILL	7	0.00	0.00	0.00	0.00	0.00	0.00

HILL	11	0.00	0.00	0.00	0.00	0.00	0.00

HILL	15	0.00	0.00	0.00	0.00	0.00	0.00

```
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00     0.00
                    HILL   19     0.00     0.00     0.00     0.00     0.00
                    HILL   20     0.00
```

```
   ********   WARNING MESSAGES   ********
 ME W186     897       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187     897       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:08:47

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for    83 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3010232.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:     83 Source(s);       1 Source Group(s); and    1900 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     83 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:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          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) =   29.00 ; Decay Coef. =
0.000   ; Rot. Angle =   0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor =   0.10000E+07
Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.7 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14635 Ops CA-91
DPM.err
**File for Summary of Results: 14635 Ops CA-91
DPM.sum
FF *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons ***   07/06/23
*** AERMET - VERSION 16216 ***
*** ***   15:08:47

PAGE   2
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0000001	0	0.12819E-03	404395.6	3746960.4	0.0	3.49	24.65	3.25	YES
L0000002	0	0.12819E-03	404442.9	3746936.5	0.0	3.49	24.65	3.25	YES
L0000003	0	0.12819E-03	404490.2	3746912.6	0.0	3.49	24.65	3.25	YES
L0000004	0	0.12819E-03	404537.5	3746888.7	0.0	3.49	24.65	3.25	YES
L0000005	0	0.12819E-03	404584.9	3746864.9	0.0	3.49	24.65	3.25	YES
L0000006	0	0.12819E-03	404632.2	3746841.0	0.0	3.49	24.65	3.25	YES
L0000007	0	0.12819E-03	404679.5	3746817.1	0.0	3.49	24.65	3.25	YES
L0000008	0	0.12819E-03	404727.3	3746794.3	0.0	3.49	24.65	3.25	YES
L0000009	0	0.12819E-03	404775.8	3746773.0	0.0	3.49	24.65	3.25	YES
L0000010	0	0.12819E-03	404824.4	3746751.8	0.0	3.49	24.65	3.25	YES
L0000011	0	0.12819E-03	404873.9	3746732.9	0.0	3.49	24.65	3.25	YES
L0000012	0	0.12819E-03	404924.2	3746716.4	0.0	3.49	24.65	3.25	

YES
L0000013 0 0.12819E-03 404975.4 3746702.9 0.0 3.49 24.65 3.25
YES
L0000014 0 0.12819E-03 405027.0 3746690.6 0.0 3.49 24.65 3.25
YES
L0000015 0 0.12819E-03 405078.5 3746678.3 0.0 3.49 24.65 3.25
YES
L0000016 0 0.12819E-03 405130.7 3746668.8 0.0 3.49 24.65 3.25
YES
L0000017 0 0.12819E-03 405183.0 3746660.7 0.0 3.49 24.65 3.25
YES
L0000018 0 0.12819E-03 405235.7 3746655.5 0.0 3.49 24.65 3.25
YES
L0000019 0 0.12819E-03 405288.6 3746652.7 0.0 3.49 24.65 3.25
YES
L0000020 0 0.12819E-03 405341.6 3746650.7 0.0 3.49 24.65 3.25
YES
L0000021 0 0.12819E-03 405394.6 3746650.4 0.0 3.49 24.65 3.25
YES
L0000022 0 0.12819E-03 405447.6 3746650.1 0.0 3.49 24.65 3.25
YES
L0000023 0 0.12819E-03 405500.6 3746649.8 0.0 3.49 24.65 3.25
YES
L0000024 0 0.12819E-03 405553.6 3746649.5 0.0 3.49 24.65 3.25
YES
L0000025 0 0.12819E-03 405606.6 3746649.2 0.0 3.49 24.65 3.25
YES
L0000026 0 0.12819E-03 405659.6 3746648.9 0.0 3.49 24.65 3.25
YES
L0000027 0 0.12819E-03 405712.6 3746648.7 0.0 3.49 24.65 3.25
YES
L0000028 0 0.12819E-03 405765.6 3746648.4 0.0 3.49 24.65 3.25
YES
L0000029 0 0.12819E-03 405818.6 3746648.1 0.0 3.49 24.65 3.25
YES
L0000030 0 0.12819E-03 405871.6 3746647.8 0.0 3.49 24.65 3.25
YES
L0000031 0 0.12819E-03 405924.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000032 0 0.12819E-03 405977.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000033 0 0.12819E-03 406030.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000034 0 0.12819E-03 406083.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000035 0 0.12819E-03 406136.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000036 0 0.12819E-03 406189.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000037 0 0.12819E-03 406242.6 3746647.6 0.0 3.49 24.65 3.25
YES
L0000038 0 0.12819E-03 406295.6 3746647.5 0.0 3.49 24.65 3.25
YES
L0000039 0 0.12819E-03 406348.6 3746647.3 0.0 3.49 24.65 3.25
YES
L0000040 0 0.12819E-03 406401.6 3746647.0 0.0 3.49 24.65 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0000041	0	YES	0.12819E-03	406454.6	3746646.8	0.0	3.49	24.65	3.25
L0000042	0	YES	0.12819E-03	406507.6	3746646.5	0.0	3.49	24.65	3.25
L0000043	0	YES	0.12819E-03	406560.6	3746646.3	0.0	3.49	24.65	3.25
L0000044	0	YES	0.12819E-03	406613.6	3746646.0	0.0	3.49	24.65	3.25
L0000045	0	YES	0.12819E-03	406666.6	3746645.8	0.0	3.49	24.65	3.25
L0000046	0	YES	0.12819E-03	406719.6	3746645.5	0.0	3.49	24.65	3.25
L0000047	0	YES	0.12819E-03	406772.6	3746645.2	0.0	3.49	24.65	3.25
L0000048	0	YES	0.12819E-03	406825.6	3746645.0	0.0	3.49	24.65	3.25
L0000049	0	YES	0.12819E-03	406878.6	3746644.7	0.0	3.49	24.65	3.25
L0000050	0	YES	0.12819E-03	406931.6	3746644.5	0.0	3.49	24.65	3.25
L0000051	0	YES	0.12819E-03	406984.6	3746644.3	0.0	3.49	24.65	3.25
L0000052	0	YES	0.12819E-03	407037.6	3746644.2	0.0	3.49	24.65	3.25
L0000053	0	YES	0.12819E-03	407090.6	3746644.0	0.0	3.49	24.65	3.25
L0000054	0	YES	0.12819E-03	407143.6	3746643.9	0.0	3.49	24.65	3.25
L0000055	0	YES	0.12819E-03	407196.6	3746643.8	0.0	3.49	24.65	3.25
L0000056	0	YES	0.12819E-03	407249.6	3746643.6	0.0	3.49	24.65	3.25
L0000057	0	YES	0.12819E-03	407302.6	3746643.5	0.0	3.49	24.65	3.25
L0000058	0	YES	0.12819E-03	407355.6	3746643.3	0.0	3.49	24.65	3.25
L0000059	0	YES	0.12819E-03	407408.6	3746643.2	0.0	3.49	24.65	3.25
L0000060	0	YES	0.12819E-03	407461.6	3746643.0	0.0	3.49	24.65	3.25
L0000061	0	YES	0.12819E-03	407514.6	3746642.9	0.0	3.49	24.65	3.25
L0000062	0	YES	0.12819E-03	407567.6	3746642.8	0.0	3.49	24.65	3.25
L0000063	0	YES	0.12819E-03	407620.6	3746642.6	0.0	3.49	24.65	3.25
L0000064	0	YES	0.12819E-03	407673.6	3746642.5	0.0	3.49	24.65	3.25
L0000065	0	YES	0.12819E-03	407726.6	3746642.3	0.0	3.49	24.65	3.25
L0000066	0	YES	0.12819E-03	407779.6	3746642.2	0.0	3.49	24.65	3.25
L0000067	0	YES	0.12819E-03	407832.6	3746642.0	0.0	3.49	24.65	3.25
L0000068	0		0.12819E-03	407885.6	3746642.2	0.0	3.49	24.65	3.25

```
 YES
 L0000069         0   0.12819E-03  407938.6 3746642.4     0.0     3.49    24.65     3.25
 YES
 L0000070         0   0.12819E-03  407991.6 3746642.5     0.0     3.49    24.65     3.25
 YES
 L0000071         0   0.12819E-03  408044.6 3746642.7     0.0     3.49    24.65     3.25
 YES
 L0000072         0   0.12819E-03  408097.6 3746642.9     0.0     3.49    24.65     3.25
 YES
 L0000073         0   0.12819E-03  408150.6 3746643.1     0.0     3.49    24.65     3.25
 YES
 L0000074         0   0.12819E-03  408203.6 3746643.2     0.0     3.49    24.65     3.25
 YES
 L0000075         0   0.12819E-03  408256.6 3746643.4     0.0     3.49    24.65     3.25
 YES
 L0000076         0   0.12819E-03  408309.6 3746643.6     0.0     3.49    24.65     3.25
 YES
 L0000077         0   0.12819E-03  408362.6 3746643.8     0.0     3.49    24.65     3.25
 YES
 L0000078         0   0.12819E-03  408415.6 3746644.0     0.0     3.49    24.65     3.25
 YES
 L0000079         0   0.12819E-03  408468.6 3746644.1     0.0     3.49    24.65     3.25
 YES
 L0000080         0   0.12819E-03  408521.6 3746644.3     0.0     3.49    24.65     3.25
 YES
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:08:47

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS)  (METERS) (METERS) (METERS)  (METERS)
     (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000081         0   0.12819E-03  408574.6 3746644.5     0.0     3.49    24.65     3.25
 YES
 L0000082         0   0.12819E-03  408627.6 3746644.7     0.0     3.49    24.65     3.25
 YES
 L0000083         0   0.12819E-03  408680.6 3746644.8     0.0     3.49    24.65     3.25
 YES
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:08:47

                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                           *** SOURCE IDs DEFINING SOURCE GROUPS ***

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

```
 ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    , L0000006    ,
 L0000007    , L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
            L0000055    , L0000056    ,

            L0000057    , L0000058    , L0000059    , L0000060    , L0000061    , L0000062    ,
            L0000063    , L0000064    ,

            L0000065    , L0000066    , L0000067    , L0000068    , L0000069    , L0000070    ,
            L0000071    , L0000072    ,

            L0000073    , L0000074    , L0000075    , L0000076    , L0000077    , L0000078    ,
            L0000079    , L0000080    ,

            L0000081    , L0000082    , L0000083    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:08:47

                     PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

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


             3010232.   L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
             L0000006    , L0000007    ,
 L0000008    ,

            L0000009    , L0000010    , L0000011    , L0000012    , L0000013    , L0000014    ,
            L0000015    , L0000016    ,

            L0000017    , L0000018    , L0000019    , L0000020    , L0000021    , L0000022    ,
            L0000023    , L0000024    ,

            L0000025    , L0000026    , L0000027    , L0000028    , L0000029    , L0000030    ,
            L0000031    , L0000032    ,

            L0000033    , L0000034    , L0000035    , L0000036    , L0000037    , L0000038    ,
            L0000039    , L0000040    ,

            L0000041    , L0000042    , L0000043    , L0000044    , L0000045    , L0000046    ,
            L0000047    , L0000048    ,

            L0000049    , L0000050    , L0000051    , L0000052    , L0000053    , L0000054    ,
```

L0000055 , L0000056 ,

L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,
L0000063 , L0000064 ,

L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
L0000071 , L0000072 ,

L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,

L0000081 , L0000082 , L0000083 ,

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

404203.6, 404253.6, 404303.6, 404353.6, 404403.6, 404453.6, 404503.6, 404553.6,
404603.6, 404653.6,
404703.6, 404753.6, 404803.6, 404853.6, 404903.6, 404953.6, 405003.6, 405053.6,
405103.6, 405153.6,
405203.6, 405253.6, 405303.6, 405353.6, 405403.6, 405453.6, 405503.6, 405553.6,
405603.6, 405653.6,
405703.6, 405753.6, 405803.6, 405853.6, 405903.6, 405953.6, 406003.6, 406053.6,
406103.6, 406153.6,
406203.6, 406253.6, 406303.6, 406353.6, 406403.6, 406453.6, 406503.6, 406553.6,
406603.6, 406653.6,
406703.6, 406753.6, 406803.6, 406853.6, 406903.6, 406953.6, 407003.6, 407053.6,
407103.6, 407153.6,
407203.6, 407253.6, 407303.6, 407353.6, 407403.6, 407453.6, 407503.6, 407553.6,
407603.6, 407653.6,
407703.6, 407753.6, 407803.6, 407853.6, 407903.6, 407953.6, 408003.6, 408053.6,
408103.6, 408153.6,
408203.6, 408253.6, 408303.6, 408353.6, 408403.6, 408453.6, 408503.6, 408553.6,
408603.6, 408653.6,
408703.6, 408753.6, 408803.6, 408853.6, 408903.6,

*** Y-COORDINATES OF GRID ***
(METERS)

3746259.5, 3746309.5, 3746359.5, 3746409.5, 3746459.5, 3746509.5, 3746559.5, 3746609.5,
3746659.5, 3746709.5,
3746759.5, 3746809.5, 3746859.5, 3746909.5, 3746959.5, 3747009.5, 3747059.5, 3747109.5,
3747159.5, 3747209.5,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                                  X-COORD (METERS)
   (METERS) |     404203.57    404253.57    404303.57    404353.57    404403.57    404453.57
   404503.57    404553.57    404603.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:08:47

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

   Y-COORD  |                                                  X-COORD (METERS)
   (METERS) |     404653.57    404703.57    404753.57    404803.57    404853.57    404903.57
   404953.57    405003.57    405053.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57	405453.57	405503.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	405553.57	405603.57	405653.57	405703.57	405753.57	405803.57
	405853.57	405903.57	405953.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406003.57	406053.57	406103.57	406153.57	406203.57	406253.57
	406303.57	406353.57	406403.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406453.57	406503.57	406553.57	406603.57	406653.57	406703.57
406753.57	406803.57	406853.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	406903.57	406953.57	407003.57	407053.57	407103.57	407153.57
407203.57	407253.57	407303.57				

3747209.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747159.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747109.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747059.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3747009.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746959.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746909.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746859.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746809.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746759.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746709.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746659.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746609.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746559.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746509.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746459.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746409.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746359.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746309.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00
3746259.46 | 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407353.57	407403.57	407453.57	407503.57	407553.57	407603.57	407653.57	407703.57	407753.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
	408103.57	408153.57	408203.57			
3747209.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747159.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747109.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747059.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3747009.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746959.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746909.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746859.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746809.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746759.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746709.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746659.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746609.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746559.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746509.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746459.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746409.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746359.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746309.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		
3746259.46	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
	408553.57	408603.57	408653.57			

```
 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:08:47

                     PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     408703.57    408753.57    408803.57    408853.57    408903.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

  3747209.46 |          0.00         0.00         0.00         0.00         0.00
  3747159.46 |          0.00         0.00         0.00         0.00         0.00
  3747109.46 |          0.00         0.00         0.00         0.00         0.00
  3747059.46 |          0.00         0.00         0.00         0.00         0.00
  3747009.46 |          0.00         0.00         0.00         0.00         0.00
  3746959.46 |          0.00         0.00         0.00         0.00         0.00
  3746909.46 |          0.00         0.00         0.00         0.00         0.00
  3746859.46 |          0.00         0.00         0.00         0.00         0.00
```

 3746809.46 | 0.00   0.00   0.00   0.00   0.00
 3746759.46 | 0.00   0.00   0.00   0.00   0.00
 3746709.46 | 0.00   0.00   0.00   0.00   0.00
 3746659.46 | 0.00   0.00   0.00   0.00   0.00
 3746609.46 | 0.00   0.00   0.00   0.00   0.00
 3746559.46 | 0.00   0.00   0.00   0.00   0.00
 3746509.46 | 0.00   0.00   0.00   0.00   0.00
 3746459.46 | 0.00   0.00   0.00   0.00   0.00
 3746409.46 | 0.00   0.00   0.00   0.00   0.00
 3746359.46 | 0.00   0.00   0.00   0.00   0.00
 3746309.46 | 0.00   0.00   0.00   0.00   0.00
 3746259.46 | 0.00   0.00   0.00   0.00   0.00
FF *** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons ***   07/06/23
 *** AERMET - VERSION 16216 ***
 ***   ***   15:08:47

                    PAGE 19
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * HILL HEIGHT SCALES IN METERS *

   Y-COORD | X-COORD (METERS)
   (METERS) | 404203.57   404253.57   404303.57   404353.57   404403.57   404453.57
   404503.57   404553.57   404603.57
- - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	404653.57	404703.57	404753.57	404803.57	404853.57	404903.57
404953.57	405003.57	405053.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746359.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746309.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746259.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 405103.57	405153.57	405203.57	405253.57	405303.57	405353.57	405403.57	405453.57	405503.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park GP\14635 Cons *** 07/06/23
*** AERMET - VERSION 16216 ***
*** *** 15:08:47

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     405553.57    405603.57    405653.57    405703.57    405753.57    405803.57
   405853.57    405903.57    405953.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        15:08:47

                     PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

   Y-COORD  |                                                X-COORD (METERS)
   (METERS) |     406003.57    406053.57    406103.57    406153.57    406203.57    406253.57
   406303.57    406353.57    406403.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

```
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746959.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746909.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746859.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746809.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746759.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746709.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746659.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746609.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746559.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746509.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746459.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746409.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746359.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746309.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3746259.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:08:47

                     PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     406453.57    406503.57    406553.57    406603.57    406653.57    406703.57
    406753.57    406803.57    406853.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747159.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747109.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747059.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
 3747009.46 |          0.00         0.00         0.00         0.00         0.00
 0.00         0.00         0.00         0.00
```

 3746959.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746909.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746859.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746809.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746759.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746709.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746659.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746609.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746559.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746509.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746459.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746409.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746359.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746309.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00
 3746259.46 | 0.00   0.00   0.00   0.00   0.00
 0.00   0.00   0.00   0.00

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

   Y-COORD | X-COORD (METERS)
   (METERS) | 406903.57   406953.57   407003.57   407053.57   407103.57   407153.57
   407203.57   407253.57   407303.57
 - - -

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 407353.57	407403.57	407453.57	407503.57	407553.57	407603.57	407653.57	407703.57	407753.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	407803.57	407853.57	407903.57	407953.57	408003.57	408053.57
408103.57	408153.57	408203.57				
3747209.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747159.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747109.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747059.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3747009.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746959.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746909.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746859.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746809.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746759.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746709.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746659.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746609.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746559.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746509.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746459.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			
3746409.46	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00			

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408253.57	408303.57	408353.57	408403.57	408453.57	408503.57	408553.57	408603.57	408653.57
3747209.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00	0.00	0.00	0.00	0.00
3747159.46	0.00	0.00	0.00	0.00	0.00
3747109.46	0.00	0.00	0.00	0.00	0.00
3747059.46	0.00	0.00	0.00	0.00	0.00
3747009.46	0.00	0.00	0.00	0.00	0.00
3746959.46	0.00	0.00	0.00	0.00	0.00
3746909.46	0.00	0.00	0.00	0.00	0.00
3746859.46	0.00	0.00	0.00	0.00	0.00
3746809.46	0.00	0.00	0.00	0.00	0.00
3746759.46	0.00	0.00	0.00	0.00	0.00
3746709.46	0.00	0.00	0.00	0.00	0.00
3746659.46	0.00	0.00	0.00	0.00	0.00
3746609.46	0.00	0.00	0.00	0.00	0.00
3746559.46	0.00	0.00	0.00	0.00	0.00
3746509.46	0.00	0.00	0.00	0.00	0.00
3746459.46	0.00	0.00	0.00	0.00	0.00
3746409.46	0.00	0.00	0.00	0.00	0.00
3746359.46	0.00	0.00	0.00	0.00	0.00
3746309.46	0.00	0.00	0.00	0.00	0.00
3746259.46	0.00	0.00	0.00	0.00	0.00

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
*
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000001	404403.6	3746909.5	-1.45
L0000001	404353.6	3746959.5	-10.96
L0000001	404403.6	3746959.5	-44.97
L0000001	404403.6	3747009.5	-3.28
L0000002	404403.6	3746909.5	-5.25
L0000002	404453.6	3746909.5	-23.92
L0000002	404403.6	3746959.5	-7.45
L0000002	404453.6	3746959.5	-27.69
L0000003	404453.6	3746909.5	-16.20
L0000003	404503.6	3746909.5	-39.28
L0000003	404503.6	3746959.5	-4.30
L0000004	404503.6	3746859.5	-8.14
L0000004	404553.6	3746859.5	-19.61
L0000004	404503.6	3746909.5	-13.21

L0000004	404553.6	3746909.5	-26.81
L0000005	404553.6	3746859.5	-21.25
L0000005	404603.6	3746859.5	-33.52
L0000005	404603.6	3746909.5	-4.64
L0000006	404603.6	3746809.5	-10.43
L0000006	404653.6	3746809.5	-14.89
L0000006	404603.6	3746859.5	-18.95
L0000006	404653.6	3746859.5	-24.73
L0000007	404653.6	3746809.5	-25.97
L0000007	404703.6	3746809.5	-27.73
L0000007	404653.6	3746859.5	-3.35
L0000007	404703.6	3746859.5	-4.28
L0000008	404703.6	3746759.5	-10.86
L0000008	404753.6	3746759.5	-9.38
L0000008	404703.6	3746809.5	-24.83
L0000008	404753.6	3746809.5	-22.65
L0000009	404753.6	3746759.5	-26.95
L0000009	404803.6	3746759.5	-22.14
L0000009	404753.6	3746809.5	-10.27
L0000009	404803.6	3746809.5	-7.18
L0000010	404803.6	3746709.5	-5.77
L0000010	404853.6	3746709.5	-1.57
L0000010	404803.6	3746759.5	-30.79
L0000010	404853.6	3746759.5	-22.87
L0000011	404853.6	3746709.5	-21.98
L0000011	404903.6	3746709.5	-15.16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000011	404853.6	3746759.5	-19.57
L0000011	404903.6	3746759.5	-13.16
L0000012	404903.6	3746709.5	-31.19
L0000012	404953.6	3746709.5	-22.86
L0000012	404903.6	3746759.5	-5.25
L0000012	404953.6	3746759.5	-0.91
L0000013	404953.6	3746659.5	-4.40
L0000013	405003.6	3746659.5	-1.28
L0000013	404953.6	3746709.5	-30.15
L0000013	405003.6	3746709.5	-24.10
L0000014	405003.6	3746659.5	-14.07
L0000014	405053.6	3746659.5	-12.09
L0000014	405003.6	3746709.5	-22.90
L0000014	405053.6	3746709.5	-20.38
L0000015	405053.6	3746659.5	-21.74
L0000015	405103.6	3746659.5	-21.70
L0000015	405053.6	3746709.5	-13.03
L0000015	405103.6	3746709.5	-13.00
L0000016	405103.6	3746659.5	-24.33
L0000016	405153.6	3746659.5	-28.25
L0000016	405103.6	3746709.5	-4.16
L0000016	405153.6	3746709.5	-6.36
L0000017	405153.6	3746659.5	-23.50

L0000017	405203.6	3746659.5	-32.43
L0000017	405203.6	3746709.5	-0.11
L0000018	405253.6	3746609.5	-3.59
L0000018	405203.6	3746659.5	-20.61
L0000018	405253.6	3746659.5	-34.72
L0000019	405303.6	3746609.5	-7.23
L0000019	405253.6	3746659.5	-17.28
L0000019	405303.6	3746659.5	-36.62
L0000020	405353.6	3746609.5	-10.08
L0000020	405303.6	3746659.5	-13.98
L0000020	405353.6	3746659.5	-38.14
L0000021	405403.6	3746609.5	-11.09
L0000021	405353.6	3746659.5	-10.99
L0000021	405403.6	3746659.5	-40.23
L0000022	405453.6	3746609.5	-11.92
L0000022	405403.6	3746659.5	-7.99
L0000022	405453.6	3746659.5	-41.89

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000023	405503.6	3746609.5	-12.54
L0000023	405453.6	3746659.5	-5.00
L0000023	405503.6	3746659.5	-42.90
L0000023	405553.6	3746659.5	0.86
L0000024	405553.6	3746609.5	-12.93
L0000024	405503.6	3746659.5	-2.00
L0000024	405553.6	3746659.5	-43.06
L0000024	405603.6	3746659.5	-2.04
L0000025	405603.6	3746609.5	-13.11
L0000025	405603.6	3746659.5	-42.34
L0000025	405653.6	3746659.5	-4.91
L0000026	405653.6	3746609.5	-13.05
L0000026	405653.6	3746659.5	-40.88
L0000026	405703.6	3746659.5	-7.77
L0000027	405703.6	3746609.5	-12.78
L0000027	405703.6	3746659.5	-38.93
L0000027	405753.6	3746659.5	-10.61
L0000028	405753.6	3746609.5	-12.27
L0000028	405753.6	3746659.5	-36.65
L0000028	405803.6	3746659.5	-13.43
L0000029	405803.6	3746609.5	-11.56
L0000029	405853.6	3746609.5	-0.89
L0000029	405803.6	3746659.5	-34.16
L0000029	405853.6	3746659.5	-16.21
L0000030	405853.6	3746609.5	-10.64
L0000030	405903.6	3746609.5	-3.07
L0000030	405853.6	3746659.5	-31.54
L0000030	405903.6	3746659.5	-18.95
L0000031	405903.6	3746609.5	-9.44
L0000031	405953.6	3746609.5	-5.08
L0000031	405903.6	3746659.5	-28.88
L0000031	405953.6	3746659.5	-21.68

L0000032	405953.6	3746609.5	-7.92
L0000032	406003.6	3746609.5	-6.84
L0000032	405953.6	3746659.5	-26.22
L0000032	406003.6	3746659.5	-24.44
L0000033	406003.6	3746609.5	-6.25
L0000033	406053.6	3746609.5	-8.46
L0000033	406003.6	3746659.5	-23.50
L0000033	406053.6	3746659.5	-27.14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000034	406053.6	3746609.5	-4.46
L0000034	406103.6	3746609.5	-9.93
L0000034	406053.6	3746659.5	-20.73
L0000034	406103.6	3746659.5	-29.76
L0000035	406103.6	3746609.5	-2.55
L0000035	406153.6	3746609.5	-11.23
L0000035	406103.6	3746659.5	-17.92
L0000035	406153.6	3746659.5	-32.29
L0000036	406153.6	3746609.5	-0.53
L0000036	406203.6	3746609.5	-12.36
L0000036	406153.6	3746659.5	-15.09
L0000036	406203.6	3746659.5	-34.67
L0000037	406253.6	3746609.5	-13.29
L0000037	406203.6	3746659.5	-12.23
L0000037	406253.6	3746659.5	-36.84
L0000038	406303.6	3746609.5	-14.08
L0000038	406253.6	3746659.5	-9.33
L0000038	406303.6	3746659.5	-38.66
L0000039	406353.6	3746609.5	-14.84
L0000039	406303.6	3746659.5	-6.37
L0000039	406353.6	3746659.5	-39.85
L0000040	406403.6	3746609.5	-15.37
L0000040	406353.6	3746659.5	-3.41
L0000040	406403.6	3746659.5	-40.42
L0000040	406453.6	3746659.5	0.46
L0000041	406453.6	3746609.5	-15.66
L0000041	406403.6	3746659.5	-0.44
L0000041	406453.6	3746659.5	-40.28
L0000041	406503.6	3746659.5	-2.39
L0000042	406503.6	3746609.5	-15.72
L0000042	406503.6	3746659.5	-39.45
L0000042	406553.6	3746659.5	-5.22
L0000043	406553.6	3746609.5	-15.53
L0000043	406553.6	3746659.5	-38.06
L0000043	406603.6	3746659.5	-8.03
L0000044	406603.6	3746609.5	-15.10
L0000044	406603.6	3746659.5	-36.23
L0000044	406653.6	3746659.5	-10.80
L0000045	406653.6	3746609.5	-14.44
L0000045	406703.6	3746609.5	-1.17

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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000045	406653.6	3746659.5	-34.10
L0000045	406703.6	3746659.5	-13.55
L0000046	406703.6	3746609.5	-13.56
L0000046	406753.6	3746609.5	-3.46
L0000046	406703.6	3746659.5	-31.76
L0000046	406753.6	3746659.5	-16.25
L0000047	406753.6	3746609.5	-12.48
L0000047	406803.6	3746609.5	-5.66
L0000047	406753.6	3746659.5	-29.26
L0000047	406803.6	3746659.5	-18.90
L0000048	406803.6	3746609.5	-11.21
L0000048	406853.6	3746609.5	-7.77
L0000048	406803.6	3746659.5	-26.66
L0000048	406853.6	3746659.5	-21.48
L0000049	406853.6	3746609.5	-9.76
L0000049	406903.6	3746609.5	-9.77
L0000049	406853.6	3746659.5	-23.98
L0000049	406903.6	3746659.5	-23.99
L0000050	406903.6	3746609.5	-8.16
L0000050	406953.6	3746609.5	-11.65
L0000050	406903.6	3746659.5	-21.24
L0000050	406953.6	3746659.5	-26.38
L0000051	406953.6	3746609.5	-6.34
L0000051	407003.6	3746609.5	-13.29
L0000051	406953.6	3746659.5	-18.50
L0000051	407003.6	3746659.5	-28.71
L0000052	407003.6	3746609.5	-4.40
L0000052	407053.6	3746609.5	-14.77
L0000052	407003.6	3746659.5	-15.72
L0000052	407053.6	3746659.5	-30.88
L0000053	407053.6	3746609.5	-2.35
L0000053	407103.6	3746609.5	-16.06
L0000053	407053.6	3746659.5	-12.91
L0000053	407103.6	3746659.5	-32.83
L0000054	407103.6	3746609.5	-0.21
L0000054	407153.6	3746609.5	-17.14
L0000054	407103.6	3746659.5	-10.07
L0000054	407153.6	3746659.5	-34.50
L0000055	407203.6	3746609.5	-18.00
L0000055	407153.6	3746659.5	-7.22

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000055	407203.6	3746659.5	-35.80
L0000056	407253.6	3746609.5	-18.61
L0000056	407203.6	3746659.5	-4.34
L0000056	407253.6	3746659.5	-36.65
L0000057	407303.6	3746609.5	-18.97
L0000057	407253.6	3746659.5	-1.45
L0000057	407303.6	3746659.5	-36.98
L0000057	407353.6	3746659.5	0.45
L0000058	407353.6	3746609.5	-19.07
L0000058	407353.6	3746659.5	-36.74
L0000058	407403.6	3746659.5	-2.36
L0000059	407403.6	3746609.5	-18.90
L0000059	407403.6	3746659.5	-35.97
L0000059	407453.6	3746659.5	-5.15
L0000060	407453.6	3746609.5	-18.48
L0000060	407503.6	3746609.5	0.78
L0000060	407453.6	3746659.5	-34.73
L0000060	407503.6	3746659.5	-7.91
L0000061	407503.6	3746609.5	-17.79
L0000061	407553.6	3746609.5	-1.63
L0000061	407503.6	3746659.5	-33.11
L0000061	407553.6	3746659.5	-10.63
L0000062	407553.6	3746609.5	-16.88
L0000062	407603.6	3746609.5	-3.96
L0000062	407553.6	3746659.5	-31.20
L0000062	407603.6	3746659.5	-13.31
L0000063	407603.6	3746609.5	-15.74
L0000063	407653.6	3746609.5	-6.22
L0000063	407603.6	3746659.5	-29.06
L0000063	407653.6	3746659.5	-15.95
L0000064	407653.6	3746609.5	-14.40
L0000064	407703.6	3746609.5	-8.39
L0000064	407653.6	3746659.5	-26.75
L0000064	407703.6	3746659.5	-18.52
L0000065	407703.6	3746609.5	-12.88
L0000065	407753.6	3746609.5	-10.46
L0000065	407703.6	3746659.5	-24.32
L0000065	407753.6	3746659.5	-21.02
L0000066	407753.6	3746609.5	-11.20
L0000066	407803.6	3746609.5	-12.42

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000066	407753.6	3746659.5	-21.78
L0000066	407803.6	3746659.5	-23.43

L0000067	407803.6	3746609.5	-9.38
L0000067	407853.6	3746609.5	-14.23
L0000067	407803.6	3746659.5	-19.17
L0000067	407853.6	3746659.5	-25.72
L0000068	407853.6	3746609.5	-7.22
L0000068	407903.6	3746609.5	-15.64
L0000068	407853.6	3746659.5	-16.63
L0000068	407903.6	3746659.5	-28.05
L0000069	407903.6	3746609.5	-4.96
L0000069	407953.6	3746609.5	-16.83
L0000069	407903.6	3746659.5	-14.05
L0000069	407953.6	3746659.5	-30.26
L0000070	407953.6	3746609.5	-2.61
L0000070	408003.6	3746609.5	-17.80
L0000070	407953.6	3746659.5	-11.40
L0000070	408003.6	3746659.5	-32.26
L0000071	408003.6	3746609.5	-0.20
L0000071	408053.6	3746609.5	-18.54
L0000071	408003.6	3746659.5	-8.71
L0000071	408053.6	3746659.5	-33.99
L0000072	408103.6	3746609.5	-19.03
L0000072	408053.6	3746659.5	-5.98
L0000072	408103.6	3746659.5	-35.38
L0000073	408153.6	3746609.5	-19.25
L0000073	408103.6	3746659.5	-3.22
L0000073	408153.6	3746659.5	-36.34
L0000074	408203.6	3746609.5	-19.21
L0000074	408153.6	3746659.5	-0.44
L0000074	408203.6	3746659.5	-36.79
L0000074	408253.6	3746659.5	-0.43
L0000075	408253.6	3746609.5	-18.90
L0000075	408253.6	3746659.5	-36.68
L0000075	408303.6	3746659.5	-3.34
L0000076	408303.6	3746609.5	-18.33
L0000076	408303.6	3746659.5	-36.04
L0000076	408353.6	3746659.5	-6.23
L0000077	408353.6	3746609.5	-17.52
L0000077	408403.6	3746609.5	0.47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000077	408353.6	3746659.5	-34.92
L0000077	408403.6	3746659.5	-9.10
L0000078	408403.6	3746609.5	-16.48
L0000078	408453.6	3746609.5	-1.68
L0000078	408403.6	3746659.5	-33.39
L0000078	408453.6	3746659.5	-11.95
L0000079	408453.6	3746609.5	-15.22
L0000079	408503.6	3746609.5	-3.73
L0000079	408453.6	3746659.5	-31.55
L0000079	408503.6	3746659.5	-14.79
L0000080	408503.6	3746609.5	-13.78

L0000080	408553.6	3746609.5	-5.69
L0000080	408503.6	3746659.5	-29.47
L0000080	408553.6	3746659.5	-17.59
L0000081	408553.6	3746609.5	-12.16
L0000081	408603.6	3746609.5	-7.53
L0000081	408553.6	3746659.5	-27.21
L0000081	408603.6	3746659.5	-20.36
L0000082	408603.6	3746609.5	-10.40
L0000082	408653.6	3746609.5	-9.24
L0000082	408603.6	3746659.5	-24.80
L0000082	408653.6	3746659.5	-23.08
L0000083	408653.6	3746609.5	-8.50
L0000083	408703.6	3746609.5	-10.80
L0000083	408653.6	3746659.5	-22.29
L0000083	408703.6	3746659.5	-25.74

*** 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 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 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,

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

Surface file:
KFUL_V9_ADJU\KFUL_v9.SFC Met
Version: 16216
Profile file:

KFUL_V9_ADJU\KFUL_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3166 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-4.8	0.098	-9.000	-9.000	-999.	74.	18.0	0.26	2.61	1.00	0.96	322.	10.1	283.8	2.0
12	01	01	1	02	-1.9	0.072	-9.000	-9.000	-999.	47.	18.0	0.26	2.61	1.00	0.52	13.	10.1	283.1	2.0
12	01	01	1	03	-3.1	0.083	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	73.	10.1	282.0	2.0
12	01	01	1	04	-4.3	0.094	-9.000	-9.000	-999.	69.	17.3	0.26	2.61	1.00	0.91	98.	10.1	281.4	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.26	2.61	1.00	0.00	0.	10.1	280.9	2.0
12	01	01	1	06	-2.1	0.074	-9.000	-9.000	-999.	48.	17.6	0.26	2.61	1.00	0.55	80.	10.1	280.4	2.0
12	01	01	1	07	-2.8	0.080	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.69	201.	10.1	280.4	2.0
12	01	01	1	08	-1.5	0.066	-9.000	-9.000	-999.	41.	17.0	0.26	2.61	0.54	0.52	72.	10.1	280.9	2.0
12	01	01	1	09	37.4	-9.000	-9.000	-9.000	38.	-999.	-99999.0	0.26	2.61	0.31	0.00	0.	10.1	285.9	2.0
12	01	01	1	10	109.1	0.151	0.713	0.008	121.	141.	-2.9	0.26	2.61	0.24	0.79	268.	10.1	289.9	2.0
12	01	01	1	11	160.5	0.148	1.143	0.005	338.	136.	-1.8	0.26	2.61	0.21	0.70	273.	10.1	294.2	2.0
12	01	01	1	12	186.9	0.156	1.483	0.005	634.	148.	-1.8	0.26	2.61	0.20	0.74	230.	10.1	297.5	2.0
12	01	01	1	13	187.4	0.210	1.777	0.005	1088.	231.	-4.5	0.26	2.61	0.20	1.20	227.	10.1	300.4	2.0
12	01	01	1	14	160.3	0.235	1.833	0.005	1395.	274.	-7.4	0.26	2.61	0.21	1.47	233.	10.1	300.9	2.0
12	01	01	1	15	109.1	0.197	1.662	0.005	1527.	210.	-6.3	0.26	2.61	0.25	1.20	233.	10.1	302.0	2.0
12	01	01	1	16	33.3	0.243	1.125	0.005	1548.	288.	-39.2	0.26	2.61	0.33	1.91	229.	10.1	298.1	2.0
12	01	01	1	17	-9.1	0.141	-9.000	-9.000	-999.	132.	28.3	0.26	2.61	0.60	1.37	212.	10.1	294.2	2.0
12	01	01	1	18	-4.3	0.094	-9.000	-9.000	-999.	69.	17.5	0.26	2.61	1.00	0.91	190.	10.1	292.0	2.0
12	01	01	1	19	-2.8	0.079	-9.000	-9.000	-999.	54.	16.3	0.26	2.61	1.00	0.70	302.	10.1	289.2	2.0
12	01	01	1	20	-4.0	0.091	-9.000	-9.000	-999.	65.	17.0	0.26	2.61	1.00	0.87	338.	10.1	288.1	2.0
12	01	01	1	21	-6.3	0.113	-9.000	-9.000	-999.	91.	20.5	0.26	2.61	1.00	1.11	304.	10.1	287.0	2.0
12	01	01	1	22	-3.1	0.082	-9.000	-9.000	-999.	57.	16.3	0.26	2.61	1.00	0.75	76.	10.1	285.4	2.0
12	01	01	1	23	-2.4	0.076	-9.000	-9.000	-999.	50.	16.7	0.26	2.61	1.00	0.62	306.	10.1	284.9	2.0
12	01	01	1	24	-3.6	0.087	-9.000	-9.000	-999.	62.	16.6	0.26	2.61	1.00	0.82	318.	10.1	283.8	2.0

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	404203.57	404253.57	404303.57	404353.57	404403.57	404453.57
404503.57	404553.57	404603.57				
3747209.46	0.00869	0.00966	0.01075	0.01190	0.01303	
0.01399	0.01466	0.01504	0.01518			
3747159.46	0.00958	0.01090	0.01247	0.01422	0.01592	
0.01724	0.01798	0.01821	0.01810			
3747109.46	0.01062	0.01248	0.01491	0.01788	0.02080	
0.02264	0.02318	0.02290	0.02223			
3747059.46	0.01177	0.01444	0.01851	0.02463	0.03094	
0.03309	0.03218	0.03033	0.02839			
3747009.46	0.01286	0.01654	0.02355	0.04080	0.03178	
0.05867	0.05004	0.04335	0.03832			
3746959.46	0.01359	0.01795	0.02745	0.02686	0.02497	
0.06940	0.06239	0.07083	0.05665			
3746909.46	0.01371	0.01788	0.02595	0.04518	0.02924	
0.04207	0.05086	0.08151	0.06792			
3746859.46	0.01328	0.01671	0.02221	0.03126	0.04523	
0.06614	0.06782	0.05037	0.05467			
3746809.46	0.01256	0.01523	0.01899	0.02425	0.03130	
0.04052	0.05305	0.07223	0.07037			
3746759.46	0.01174	0.01382	0.01651	0.01997	0.02428	
0.02955	0.03607	0.04448	0.05622			
3746709.46	0.01093	0.01258	0.01459	0.01705	0.01997	
0.02341	0.02745	0.03228	0.03826			
3746659.46	0.01018	0.01150	0.01307	0.01490	0.01702	
0.01944	0.02220	0.02535	0.02902			
3746609.46	0.00950	0.01057	0.01182	0.01324	0.01484	
0.01664	0.01864	0.02087	0.02335			
3746559.46	0.00888	0.00977	0.01078	0.01191	0.01317	
0.01455	0.01607	0.01771	0.01951			
3746509.46	0.00831	0.00907	0.00990	0.01082	0.01183	
0.01293	0.01411	0.01537	0.01673			

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 3746459.46 |       0.00781      0.00845      0.00915      0.00991      0.01074
 0.01162      0.01257      0.01357      0.01462
 3746409.46 |       0.00735      0.00790      0.00849      0.00913      0.00982
 0.01055      0.01132      0.01213      0.01297
 3746359.46 |       0.00693      0.00741      0.00792      0.00846      0.00904
 0.00965      0.01029      0.01096      0.01165
 3746309.46 |       0.00655      0.00697      0.00741      0.00788      0.00837
 0.00889      0.00943      0.00998      0.01056
 3746259.46 |       0.00621      0.00657      0.00696      0.00736      0.00779
 0.00823      0.00869      0.00916      0.00965
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:08:47

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                  L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                    L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                    L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                    L0000027    , L0000028    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     404653.57    404703.57    404753.57    404803.57    404853.57    404903.57
    404953.57    405003.57    405053.57
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 3747209.46 |       0.01515      0.01501      0.01483      0.01462      0.01441
 0.01421      0.01403      0.01386      0.01372
 3747159.46 |       0.01781      0.01744      0.01704      0.01665      0.01629
 0.01596      0.01567      0.01542      0.01521
 3747109.46 |       0.02144      0.02065      0.01991      0.01924      0.01865
 0.01813      0.01770      0.01733      0.01702
 3747059.46 |       0.02662      0.02507      0.02374      0.02262      0.02168
 0.02089      0.02023      0.01969      0.01924
 3747009.46 |       0.03447      0.03148      0.02911      0.02722      0.02571
 0.02449      0.02350      0.02270      0.02206
 3746959.46 |       0.04768      0.04154      0.03712      0.03384      0.03134
 0.02940      0.02789      0.02670      0.02575
 3746909.46 |       0.07486      0.05981      0.05050      0.04425      0.03981
 0.03656      0.03413      0.03228      0.03085
 3746859.46 |       0.05594      0.07104      0.07827      0.06352      0.05429
 0.04815      0.04386      0.04076      0.03842
 3746809.46 |       0.05391      0.05647      0.05662      0.07646      0.08609
 0.07089      0.06169      0.05556      0.05115
 3746759.46 |       0.07459      0.07038      0.05594      0.05799      0.05817
 0.05677      0.07674      0.08978      0.07812
 3746709.46 |       0.04599      0.05654      0.07204      0.06706      0.05557
 0.05821      0.05950      0.05966      0.05915
 3746659.46 |       0.03336      0.03861      0.04515      0.05355      0.06459
 0.07931      0.06924      0.05442      0.05683
 3746609.46 |       0.02615      0.02932      0.03295      0.03714      0.04194
 0.04740      0.05353      0.06053      0.06873
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	405103.57	405153.57	405203.57	405253.57	405303.57	405353.57
405403.57	405453.57	405503.57				
3747209.46	0.01360	0.01350	0.01342	0.01336	0.01331	
0.01328	0.01326	0.01325	0.01324			
3747159.46	0.01503	0.01489	0.01477	0.01468	0.01461	
0.01456	0.01453	0.01451	0.01450			
3747109.46	0.01676	0.01655	0.01638	0.01625	0.01616	
0.01609	0.01604	0.01601	0.01599			
3747059.46	0.01888	0.01858	0.01835	0.01817	0.01804	
0.01794	0.01787	0.01783	0.01781			
3747009.46	0.02154	0.02113	0.02081	0.02056	0.02038	
0.02024	0.02016	0.02010	0.02007			
3746959.46	0.02501	0.02442	0.02397	0.02362	0.02337	
0.02320	0.02308	0.02301	0.02297			
3746909.46	0.02973	0.02887	0.02821	0.02772	0.02737	
0.02714	0.02699	0.02689	0.02684			
3746859.46	0.03663	0.03527	0.03426	0.03354	0.03304	
0.03272	0.03252	0.03240	0.03233			
3746809.46	0.04787	0.04547	0.04376	0.04258	0.04181	
0.04134	0.04107	0.04092	0.04083			
3746759.46	0.07016	0.06482	0.06124	0.05896	0.05758	
0.05678	0.05638	0.05617	0.05604			
3746709.46	0.05819	0.08180	0.07662	0.09991	0.09622	
0.09418	0.09348	0.09310	0.09279			

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 3746659.46 |       0.05873      0.06032      0.06162      0.06278      0.06388
 0.06516      0.06666      0.06853      0.07075
 3746609.46 |       0.07792      0.08766      0.09696      0.07543      0.07672
 0.07678      0.07687      0.07679      0.07682
 3746559.46 |       0.04701      0.05023      0.05308      0.05534      0.05699
 0.05810      0.05876      0.05921      0.05955
 3746509.46 |       0.03396      0.03560      0.03703      0.03820      0.03911
 0.03977      0.04025      0.04060      0.04087
 3746459.46 |       0.02665      0.02767      0.02858      0.02934      0.02995
 0.03044      0.03082      0.03111      0.03135
 3746409.46 |       0.02194      0.02266      0.02330      0.02385      0.02432
 0.02470      0.02501      0.02527      0.02548
 3746359.46 |       0.01863      0.01918      0.01967      0.02010      0.02047
 0.02079      0.02106      0.02128      0.02147
 3746309.46 |       0.01618      0.01661      0.01701      0.01736      0.01767
 0.01794      0.01817      0.01837      0.01854
 3746259.46 |       0.01428      0.01464      0.01497      0.01526      0.01553
 0.01576      0.01596      0.01614      0.01630
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:08:47

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                  L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     405553.57    405603.57    405653.57    405703.57    405753.57    405803.57
    405853.57    405903.57    405953.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |       0.01325      0.01326      0.01327      0.01329      0.01330
 0.01332      0.01333      0.01335      0.01336
 3747159.46 |       0.01450      0.01451      0.01452      0.01453      0.01455
 0.01456      0.01458      0.01459      0.01461
 3747109.46 |       0.01599      0.01599      0.01600      0.01602      0.01603
 0.01604      0.01606      0.01607      0.01609
 3747059.46 |       0.01780      0.01780      0.01781      0.01782      0.01783
 0.01785      0.01786      0.01788      0.01789
 3747009.46 |       0.02006      0.02005      0.02006      0.02006      0.02008
 0.02009      0.02010      0.02012      0.02013
 3746959.46 |       0.02295      0.02294      0.02294      0.02295      0.02295
 0.02297      0.02298      0.02299      0.02300
 3746909.46 |       0.02681      0.02680      0.02680      0.02680      0.02680
 0.02681      0.02682      0.02683      0.02684
 3746859.46 |       0.03230      0.03228      0.03226      0.03226      0.03225
 0.03225      0.03226      0.03226      0.03227
 3746809.46 |       0.04078      0.04074      0.04071      0.04069      0.04066
 0.04065      0.04063      0.04063      0.04063
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 3746759.46 |       0.05594      0.05586      0.05578      0.05571      0.05564
 0.05557      0.05551      0.05547      0.05546
 3746709.46 |       0.09251      0.09221      0.09191      0.09161      0.09131
 0.09101      0.09073      0.09051      0.09043
 3746659.46 |       0.07067      0.06850      0.06673      0.06529      0.06416
 0.06330      0.06271      0.06235      0.06222
 3746609.46 |       0.07703      0.07745      0.07809      0.07896      0.08007
 0.08143      0.05627      0.05609      0.05603
 3746559.46 |       0.05984      0.06011      0.06035      0.06059      0.06081
 0.06101      0.06120      0.06135      0.06146
 3746509.46 |       0.04109      0.04128      0.04145      0.04161      0.04175
 0.04187      0.04199      0.04208      0.04216
 3746459.46 |       0.03154      0.03171      0.03186      0.03198      0.03210
 0.03220      0.03229      0.03237      0.03243
 3746409.46 |       0.02566      0.02581      0.02595      0.02606      0.02617
 0.02626      0.02634      0.02641      0.02647
 3746359.46 |       0.02164      0.02178      0.02190      0.02201      0.02211
 0.02219      0.02227      0.02234      0.02240
 3746309.46 |       0.01869      0.01883      0.01894      0.01905      0.01914
 0.01922      0.01929      0.01935      0.01941
 3746259.46 |       0.01644      0.01656      0.01667      0.01677      0.01686
 0.01693      0.01700      0.01707      0.01712
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:08:47

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                            SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                  L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                  L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                  L0000027    , L0000028    ,  . . .      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     406003.57    406053.57    406103.57    406153.57    406203.57    406253.57
    406303.57    406353.57    406403.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |       0.01338      0.01339      0.01340      0.01341      0.01342
 0.01342      0.01342      0.01343      0.01342
 3747159.46 |       0.01462      0.01463      0.01464      0.01465      0.01466
 0.01466      0.01467      0.01467      0.01467
 3747109.46 |       0.01610      0.01611      0.01612      0.01613      0.01614
 0.01615      0.01615      0.01615      0.01615
 3747059.46 |       0.01790      0.01791      0.01792      0.01793      0.01794
 0.01794      0.01795      0.01795      0.01794
 3747009.46 |       0.02014      0.02015      0.02016      0.02017      0.02018
 0.02018      0.02018      0.02018      0.02018
 3746959.46 |       0.02301      0.02303      0.02304      0.02305      0.02305
 0.02306      0.02306      0.02305      0.02304
 3746909.46 |       0.02685      0.02686      0.02687      0.02688      0.02689
 0.02689      0.02689      0.02688      0.02687
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 3746859.46 |       0.03228      0.03229      0.03230      0.03231      0.03232
 0.03232      0.03231      0.03230      0.03228
 3746809.46 |       0.04064      0.04065      0.04066      0.04067      0.04068
 0.04067      0.04066      0.04063      0.04060
 3746759.46 |       0.05546      0.05548      0.05549      0.05550      0.05551
 0.05550      0.05546      0.05540      0.05531
 3746709.46 |       0.09043      0.09045      0.09048      0.09050      0.09052
 0.09052      0.09042      0.09020      0.08994
 3746659.46 |       0.06231      0.06262      0.06315      0.06391      0.06492
 0.06619      0.06775      0.06962      0.07182
 3746609.46 |       0.05608      0.05623      0.05650      0.05689      0.08160
 0.08067      0.08005      0.07967      0.07956
 3746559.46 |       0.06152      0.06156      0.06160      0.06164      0.06167
 0.06172      0.06180      0.06192      0.06206
 3746509.46 |       0.04221      0.04226      0.04230      0.04233      0.04237
 0.04241      0.04245      0.04251      0.04257
 3746459.46 |       0.03249      0.03254      0.03258      0.03261      0.03265
 0.03268      0.03271      0.03275      0.03279
 3746409.46 |       0.02652      0.02657      0.02661      0.02665      0.02668
 0.02671      0.02674      0.02677      0.02680
 3746359.46 |       0.02245      0.02249      0.02253      0.02257      0.02260
 0.02263      0.02266      0.02268      0.02270
 3746309.46 |       0.01946      0.01951      0.01955      0.01958      0.01961
 0.01964      0.01966      0.01969      0.01971
 3746259.46 |       0.01717      0.01721      0.01725      0.01729      0.01732
 0.01734      0.01737      0.01739      0.01741
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:08:47

                     PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                  L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                    L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                    L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                    L0000027    , L0000028    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     406453.57    406503.57    406553.57    406603.57    406653.57    406703.57
    406753.57    406803.57    406853.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |       0.01342      0.01342      0.01341      0.01340      0.01338
 0.01337      0.01335      0.01333      0.01331
 3747159.46 |       0.01466      0.01466      0.01465      0.01463      0.01462
 0.01461      0.01459      0.01457      0.01454
 3747109.46 |       0.01614      0.01613      0.01612      0.01611      0.01610
 0.01608      0.01606      0.01604      0.01601
 3747059.46 |       0.01794      0.01793      0.01792      0.01790      0.01788
 0.01787      0.01784      0.01782      0.01779
 3747009.46 |       0.02017      0.02016      0.02014      0.02013      0.02011
 0.02009      0.02006      0.02004      0.02001
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 3746959.46 |       0.02303      0.02302      0.02300      0.02298      0.02296
 0.02293      0.02291      0.02287      0.02284
 3746909.46 |       0.02686      0.02684      0.02681      0.02679      0.02676
 0.02673      0.02669      0.02666      0.02662
 3746859.46 |       0.03225      0.03223      0.03219      0.03216      0.03212
 0.03208      0.03204      0.03199      0.03194
 3746809.46 |       0.04055      0.04050      0.04045      0.04040      0.04034
 0.04028      0.04022      0.04015      0.04009
 3746759.46 |       0.05522      0.05513      0.05503      0.05493      0.05482
 0.05472      0.05461      0.05450      0.05439
 3746709.46 |       0.08968      0.08939      0.08911      0.08882      0.08852
 0.08822      0.08792      0.08763      0.08734
 3746659.46 |       0.07004      0.06800      0.06632      0.06496      0.06390
 0.06308      0.06252      0.06218      0.06206
 3746609.46 |       0.07972      0.08013      0.08082      0.08178      0.08303
 0.05745      0.05713      0.05694      0.05688
 3746559.46 |       0.06220      0.06234      0.06248      0.06262      0.06276
 0.06290      0.06303      0.06316      0.06328
 3746509.46 |       0.04263      0.04269      0.04275      0.04281      0.04287
 0.04292      0.04297      0.04302      0.04306
 3746459.46 |       0.03282      0.03286      0.03289      0.03292      0.03295
 0.03298      0.03300      0.03302      0.03303
 3746409.46 |       0.02682      0.02685      0.02687      0.02689      0.02690
 0.02692      0.02693      0.02693      0.02694
 3746359.46 |       0.02272      0.02274      0.02276      0.02277      0.02278
 0.02279      0.02279      0.02279      0.02279
 3746309.46 |       0.01972      0.01974      0.01975      0.01976      0.01977
 0.01977      0.01977      0.01977      0.01976
 3746259.46 |       0.01742      0.01743      0.01744      0.01745      0.01745
 0.01745      0.01745      0.01745      0.01744
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        15:08:47

                    PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                               L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     406903.57    406953.57    407003.57    407053.57    407103.57    407153.57
    407203.57    407253.57    407303.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -

 3747209.46 |       0.01329      0.01326      0.01323      0.01320      0.01316
 0.01312      0.01308      0.01303      0.01298
 3747159.46 |       0.01452      0.01449      0.01446      0.01442      0.01438
 0.01434      0.01430      0.01425      0.01420
 3747109.46 |       0.01598      0.01595      0.01592      0.01588      0.01585
 0.01580      0.01576      0.01571      0.01566
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)					
	407353.57	407403.57	407453.57	407503.57	407553.57	407603.57	407653.57	407703.57	407753.57
3747209.46	0.01293	0.01287	0.01281	0.01275	0.01267	0.01260	0.01252	0.01243	0.01233
3747159.46	0.01776	0.01773	0.01770	0.01766	0.01762	0.01757	0.01753	0.01748	0.01742
3747109.46	0.01998	0.01994	0.01990	0.01986	0.01982	0.01977	0.01972	0.01967	0.01961
3747059.46	0.01776	0.01773	0.01770	0.01766	0.01762	0.01757	0.01753	0.01748	0.01742
3747009.46	0.01998	0.01994	0.01990	0.01986	0.01982	0.01977	0.01972	0.01967	0.01961
3746959.46	0.02281	0.02277	0.02273	0.02269	0.02264	0.02259	0.02254	0.02248	0.02242
3746909.46	0.02658	0.02654	0.02649	0.02645	0.02640	0.02634	0.02629	0.02623	0.02616
3746859.46	0.03189	0.03184	0.03179	0.03174	0.03168	0.03162	0.03156	0.03149	0.03142
3746809.46	0.04002	0.03996	0.03989	0.03983	0.03976	0.03969	0.03961	0.03954	0.03945
3746759.46	0.05428	0.05417	0.05408	0.05399	0.05390	0.05380	0.05370	0.05360	0.05349
3746709.46	0.08706	0.08683	0.08664	0.08646	0.08628	0.08611	0.08593	0.08574	0.08555
3746659.46	0.06216	0.06247	0.06299	0.06374	0.06474	0.06598	0.06750	0.06932	0.09665
3746609.46	0.05693	0.05712	0.05744	0.05789	0.05847	0.08313	0.08236	0.08190	0.08171
3746559.46	0.06340	0.06349	0.06356	0.06362	0.06367	0.06372	0.06376	0.06380	0.06383
3746509.46	0.04309	0.04312	0.04313	0.04314	0.04314	0.04314	0.04313	0.04312	0.04310
3746459.46	0.03304	0.03305	0.03304	0.03304	0.03302	0.03300	0.03298	0.03295	0.03292
3746409.46	0.02693	0.02693	0.02692	0.02690	0.02688	0.02686	0.02683	0.02679	0.02675
3746359.46	0.02278	0.02277	0.02275	0.02273	0.02271	0.02268	0.02265	0.02261	0.02257
3746309.46	0.01975	0.01974	0.01972	0.01970	0.01967	0.01964	0.01961	0.01957	0.01952
3746259.46	0.01743	0.01741	0.01739	0.01737	0.01734	0.01731	0.01728	0.01724	0.01719

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 3747159.46 |       0.01415      0.01409      0.01402      0.01396      0.01388
 0.01380      0.01371      0.01362      0.01352
 3747109.46 |       0.01560      0.01554      0.01547      0.01540      0.01532
 0.01524      0.01515      0.01505      0.01494
 3747059.46 |       0.01736      0.01730      0.01723      0.01715      0.01707
 0.01698      0.01689      0.01679      0.01668
 3747009.46 |       0.01955      0.01948      0.01941      0.01933      0.01925
 0.01916      0.01906      0.01895      0.01884
 3746959.46 |       0.02236      0.02228      0.02221      0.02213      0.02204
 0.02194      0.02184      0.02173      0.02161
 3746909.46 |       0.02609      0.02601      0.02593      0.02585      0.02575
 0.02565      0.02555      0.02543      0.02530
 3746859.46 |       0.03134      0.03126      0.03118      0.03108      0.03098
 0.03087      0.03076      0.03063      0.03050
 3746809.46 |       0.03937      0.03927      0.03918      0.03907      0.03896
 0.03884      0.03871      0.03857      0.03843
 3746759.46 |       0.05338      0.05326      0.05313      0.05300      0.05287
 0.05272      0.05257      0.05240      0.05224
 3746709.46 |       0.08535      0.08514      0.08492      0.08469      0.08445
 0.08420      0.08395      0.08369      0.08343
 3746659.46 |       0.06819      0.06630      0.06474      0.06346      0.06245
 0.06167      0.06112      0.06077      0.06063
 3746609.46 |       0.08184      0.08227      0.08302      0.05845      0.05777
 0.05722      0.05680      0.05651      0.05635
 3746559.46 |       0.06385      0.06387      0.06388      0.06388      0.06388
 0.06387      0.06384      0.06381      0.06375
 3746509.46 |       0.04308      0.04305      0.04301      0.04297      0.04292
 0.04285      0.04278      0.04270      0.04259
 3746459.46 |       0.03288      0.03283      0.03278      0.03272      0.03266
 0.03258      0.03249      0.03239      0.03228
 3746409.46 |       0.02671      0.02665      0.02660      0.02653      0.02646
 0.02638      0.02629      0.02618      0.02607
 3746359.46 |       0.02252      0.02247      0.02241      0.02234      0.02226
 0.02218      0.02209      0.02199      0.02187
 3746309.46 |       0.01947      0.01942      0.01936      0.01929      0.01921
 0.01913      0.01904      0.01894      0.01883
 3746259.46 |       0.01714      0.01709      0.01703      0.01696      0.01689
 0.01681      0.01672      0.01662      0.01651
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       15:08:47

                     PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                                  L0000003    , L0000004    , L0000005    ,
                    L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                    L0000011    , L0000012    , L0000013    ,
                    L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                    L0000019    , L0000020    , L0000021    ,
                    L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                    L0000027    , L0000028    ,  . . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

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

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     407803.57    407853.57    407903.57    407953.57    408003.57    408053.57
    408103.57    408153.57    408203.57
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 3747209.46 |       0.01223      0.01211      0.01199      0.01186      0.01172
 0.01156      0.01140      0.01121      0.01101
 3747159.46 |       0.01341      0.01329      0.01317      0.01303      0.01288
 0.01271      0.01253      0.01233      0.01212
 3747109.46 |       0.01483      0.01471      0.01457      0.01443      0.01427
 0.01409      0.01390      0.01369      0.01345
 3747059.46 |       0.01656      0.01643      0.01629      0.01613      0.01597
 0.01578      0.01557      0.01535      0.01509
 3747009.46 |       0.01871      0.01858      0.01843      0.01827      0.01809
 0.01790      0.01768      0.01743      0.01716
 3746959.46 |       0.02148      0.02134      0.02119      0.02102      0.02083
 0.02063      0.02039      0.02013      0.01984
 3746909.46 |       0.02517      0.02502      0.02486      0.02469      0.02450
 0.02428      0.02404      0.02377      0.02345
 3746859.46 |       0.03036      0.03021      0.03005      0.02987      0.02968
 0.02946      0.02921      0.02892      0.02859
 3746809.46 |       0.03828      0.03812      0.03796      0.03779      0.03760
 0.03738      0.03713      0.03684      0.03650
 3746759.46 |       0.05207      0.05191      0.05176      0.05161      0.05144
 0.05125      0.05102      0.05074      0.05041
 3746709.46 |       0.08318      0.08301      0.08295      0.08290      0.08285
 0.08277      0.08265      0.08249      0.08227
 3746659.46 |       0.06070      0.06095      0.06140      0.06208      0.06297
 0.06410      0.06549      0.06715      0.09352
 3746609.46 |       0.05629      0.05636      0.05656      0.05685      0.05725
 0.08150      0.08033      0.07945      0.07881
 3746559.46 |       0.06366      0.06351      0.06327      0.06298      0.06265
 0.06229      0.06189      0.06144      0.06094
 3746509.46 |       0.04247      0.04231      0.04211      0.04189      0.04163
 0.04134      0.04101      0.04063      0.04020
 3746459.46 |       0.03215      0.03199      0.03181      0.03161      0.03138
 0.03111      0.03081      0.03048      0.03009
 3746409.46 |       0.02593      0.02578      0.02561      0.02542      0.02521
 0.02496      0.02469      0.02438      0.02402
 3746359.46 |       0.02174      0.02160      0.02143      0.02125      0.02105
 0.02082      0.02057      0.02028      0.01995
 3746309.46 |       0.01870      0.01856      0.01841      0.01824      0.01805
 0.01783      0.01760      0.01733      0.01703
 3746259.46 |       0.01639      0.01626      0.01611      0.01595      0.01577
 0.01557      0.01535      0.01511      0.01483
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14635 Buena Park
GP\14635 Cons  ***        07/06/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       15:08:47

                    PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     L0000001    , L0000002    ,
                               L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010    ,
                 L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018    ,
                 L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026    ,
                 L0000027    , L0000028    ,  . . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **
```

Y-COORD (METERS)	X-COORD (METERS)					
	408253.57	408303.57	408353.57	408403.57	408453.57	408503.57
408553.57	408603.57	408653.57				
3747209.46	0.01080	0.01056	0.01031	0.01003	0.00973	
0.00941	0.00907	0.00871	0.00833			
3747159.46	0.01188	0.01162	0.01134	0.01102	0.01069	
0.01032	0.00992	0.00950	0.00906			
3747109.46	0.01319	0.01290	0.01259	0.01224	0.01185	
0.01143	0.01096	0.01047	0.00994			
3747059.46	0.01481	0.01449	0.01414	0.01374	0.01329	
0.01280	0.01226	0.01166	0.01101			
3747009.46	0.01685	0.01650	0.01610	0.01565	0.01514	
0.01456	0.01390	0.01317	0.01237			
3746959.46	0.01950	0.01912	0.01867	0.01816	0.01756	
0.01687	0.01608	0.01517	0.01415			
3746909.46	0.02309	0.02267	0.02217	0.02159	0.02089	
0.02007	0.01908	0.01792	0.01657			
3746859.46	0.02820	0.02774	0.02720	0.02654	0.02573	
0.02474	0.02350	0.02196	0.02010			
3746809.46	0.03610	0.03561	0.03502	0.03429	0.03336	
0.03216	0.03059	0.02851	0.02575			
3746759.46	0.05002	0.04952	0.04891	0.04812	0.04708	
0.04568	0.04371	0.04081	0.03641			
3746709.46	0.08196	0.08156	0.08101	0.08026	0.07921	
0.07769	0.07536	0.07143	0.06389			
3746659.46	0.06412	0.06186	0.05977	0.05774	0.05564	
0.05325	0.05010	0.04499	0.03331			
3746609.46	0.07843	0.07822	0.07816	0.05234	0.05048	
0.04825	0.04523	0.04038	0.03022			
3746559.46	0.06036	0.05968	0.05886	0.05786	0.05659	
0.05489	0.05249	0.04885	0.04294			
3746509.46	0.03970	0.03912	0.03842	0.03756	0.03648	
0.03508	0.03323	0.03071	0.02732			
3746459.46	0.02964	0.02911	0.02849	0.02774	0.02683	
0.02569	0.02427	0.02249	0.02034			
3746409.46	0.02361	0.02314	0.02259	0.02194	0.02116	
0.02024	0.01914	0.01784	0.01635			
3746359.46	0.01958	0.01916	0.01867	0.01811	0.01746	
0.01670	0.01583	0.01484	0.01375			
3746309.46	0.01670	0.01632	0.01589	0.01540	0.01485	
0.01422	0.01352	0.01274	0.01191			
3746259.46	0.01453	0.01419	0.01381	0.01339	0.01291	
0.01239	0.01181	0.01119	0.01053			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 ,
L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,
L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 408703.57	408753.57	408803.57	408853.57	408903.57
3747209.46	0.00793	0.00753	0.00712	0.00671	0.00631
3747159.46	0.00859	0.00811	0.00763	0.00715	0.00668
3747109.46	0.00938	0.00880	0.00822	0.00764	0.00709
3747059.46	0.01033	0.00962	0.00891	0.00821	0.00754
3747009.46	0.01152	0.01062	0.00972	0.00885	0.00805
3746959.46	0.01304	0.01187	0.01070	0.00960	0.00860
3746909.46	0.01506	0.01346	0.01189	0.01045	0.00921
3746859.46	0.01792	0.01559	0.01335	0.01142	0.00986
3746809.46	0.02231	0.01855	0.01516	0.01250	0.01054
3746759.46	0.03003	0.02291	0.01734	0.01364	0.01120
3746709.46	0.04794	0.02954	0.01967	0.01467	0.01175
3746659.46	0.03476	0.03633	0.02112	0.01523	0.01205
3746609.46	0.03125	0.03236	0.02032	0.01497	0.01194
3746559.46	0.03378	0.02425	0.01786	0.01397	0.01145
3746509.46	0.02311	0.01884	0.01531	0.01266	0.01072
3746459.46	0.01790	0.01544	0.01323	0.01140	0.00992
3746409.46	0.01475	0.01313	0.01162	0.01029	0.00916
3746359.46	0.01261	0.01146	0.01036	0.00936	0.00847
3746309.46	0.01105	0.01018	0.00935	0.00856	0.00785
3746259.46	0.00986	0.00918	0.00852	0.00789	0.00731

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.09991 AT (405253.57, 3746709.46, 0.00, 0.00, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.09696 AT (405203.57, 3746609.46, 0.00, 0.00, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.09665 AT (407303.57, 3746659.46, 0.00, 0.00, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.09622 AT (405303.57, 3746709.46, 0.00, 0.00, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.09418 AT (405353.57, 3746709.46, 0.00, 0.00, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.09352 AT (408203.57, 3746659.46, 0.00, 0.00, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.09348 AT (405403.57, 3746709.46, 0.00, 0.00, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.09310 AT (405453.57, 3746709.46, 0.00,		

*** 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   2285 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   1588 Calm Hours Identified

A Total of   697 Missing Hours Identified (1.59 Percent)

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

   ********   WARNING MESSAGES   ********
ME W186   897   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
ME W187   897   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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APPENDIX 4.1:

RISK CALCULATIONS

Construction Risk

Receptor No.	Age Bin	DPM Conc. (µg/m^3)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 Acre	0 to 2	0.01865	250	0.95	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	1.99	5.0E+00	1.4E-03	3.7E-03						
PMI												Total	1.99			3.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2 Acre	0 to 2	0.01781	260	1.04	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	2.17	5.0E+00	1.4E-03	3.6E-03						
PMI												Total	2.17			3.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3 Acre	0 to 2	0.01574	260	1.16	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-05	2.12	5.0E+00	1.4E-03	3.1E-03						
PMI												Total	2.12			3.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4 Acre	0 to 2	0.01202	260	1.16	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.3E-06	1.62	5.0E+00	1.4E-03	2.4E-03						
PMI												Total	1.62			2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5 Acre	0 to 2	0.01044	260	1.24	1090	1	70	1.00	10	3.0E-04	1.1E+00	8.1E-06	1.51	5.0E+00	1.4E-03	2.1E-03						
PMI												Total	1.51			2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Scenario	Age Bin	Conc. (µg/m^3)	Weight Fraction	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
											URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
I-5	-0.25 to 0	0.01155	1.00E+00	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	4.0E-06	0.13	5.0E+00	1.4E-03	2.3E-03						
	0 to 2	0.01155	1.00E+00	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.2E-05	3.08	5.0E+00	1.4E-03	2.3E-03						
	2 to 16	0.01155	1.00E+00	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	6.3E-06	2.87	5.0E+00	1.4E-03	2.3E-03						
	16 to 30	0.01155	1.00E+00	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.9E-06	0.44	5.0E+00	1.4E-03	2.3E-03						
													Total	6.52			9.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
CA-91	-0.25 to 0	0.01540	1.00E+00	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	5.3E-06	0.17	5.0E+00	1.4E-03	3.1E-03						
	0 to 2	0.01540	1.00E+00	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.6E-05	4.10	5.0E+00	1.4E-03	3.1E-03						
	2 to 16	0.01540	1.00E+00	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	8.4E-06	3.83	5.0E+00	1.4E-03	3.1E-03						
	16 to 30	0.01540	1.00E+00	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.9E-06	0.59	5.0E+00	1.4E-03	3.1E-03						
													Total	8.70			1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

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