Cypress Grove

Health Risk Assessment

Prepared for City of Tustin, Planning Department



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1.INTRODUCTION

This Health Risk Assessment (HRA) evaluates the potential impacts of the proposed Cypress Grove Residential Project (proposed Project) in the City of Tustin (City) within Orange County. The Project site is bordered to the west by Prospect Avenue, to the south by 17th Street, to the east by Howland Way, and to the north by Arbolada Way. The Project site is located in the southeast corner of the17th Street and Prospect Avenue intersection. Regional access is available via State Route 55 (SR 55), approximately 0.5 miles west of the site as depicted in Figure 1, *Project Location* and Figure 2, *Project Site Aerial*.

The 8.54-acre Project site is comprised of five parcels identified as Assessor's Parcel Numbers (APNs) 407-401-12 through -17 with multiple addresses: 17772, 17862, 17822, 17782, and 17852 located on 17th Street. The Project site is currently occupied by five buildings that provide a total of 193,000 SF of office space. The Project proposes to demolish the office buildings that currently occupy the site. The Project proposes the construction of 145 for-sale residential units, consisting of 62 single-family cluster units and 83 townhome-style residential condominium units, with a net density of 17.06 dwelling units per acre (du/ac), along with associated landscaping, parking, and recreational space, as shown in Figure 3, *Conceptual Site Plan*.

The Project site is located in the South Coast Air Basin (SCAB), which is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD).

Figure 1: Project Location

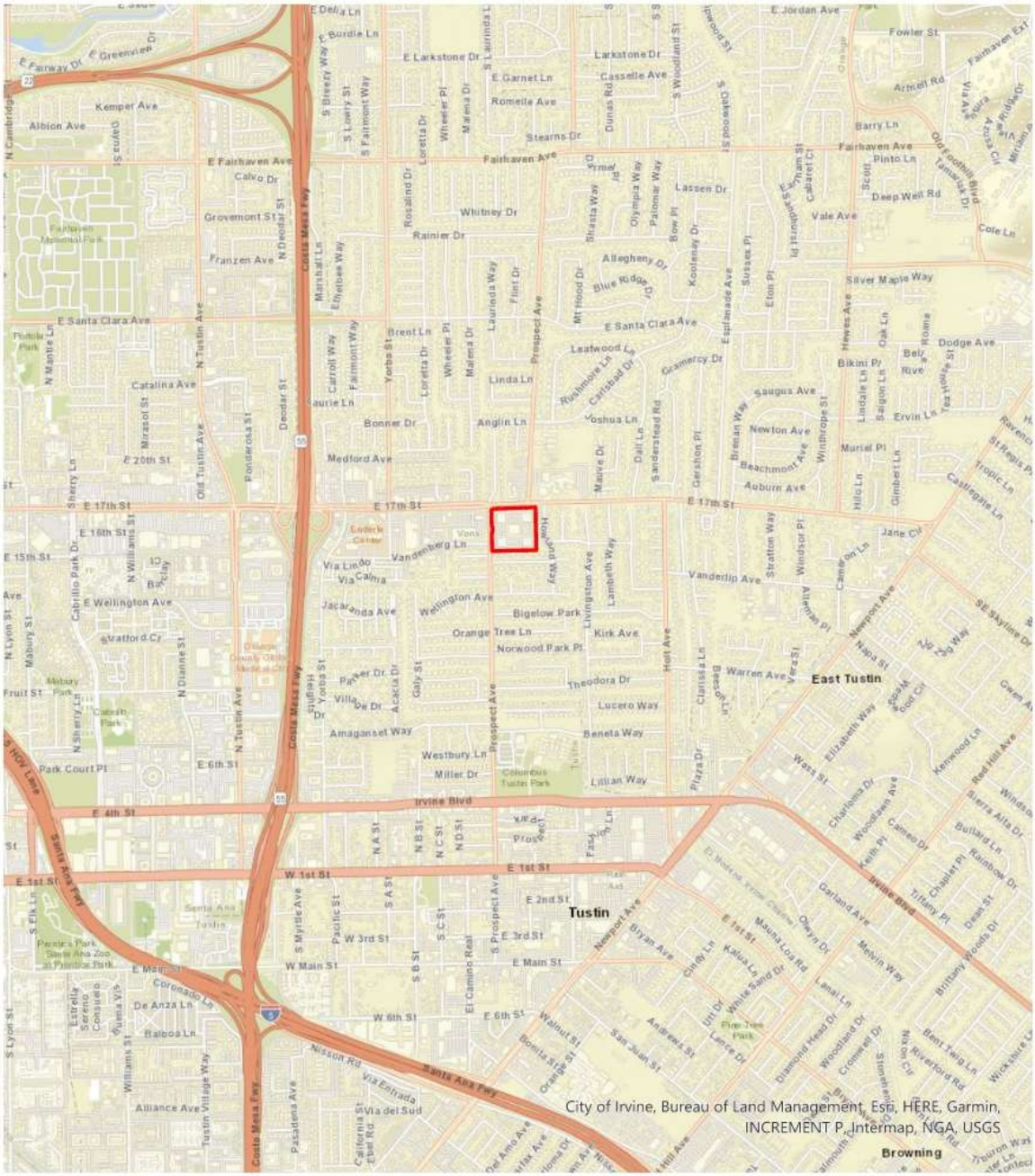


Figure 2: Project Site Aerial

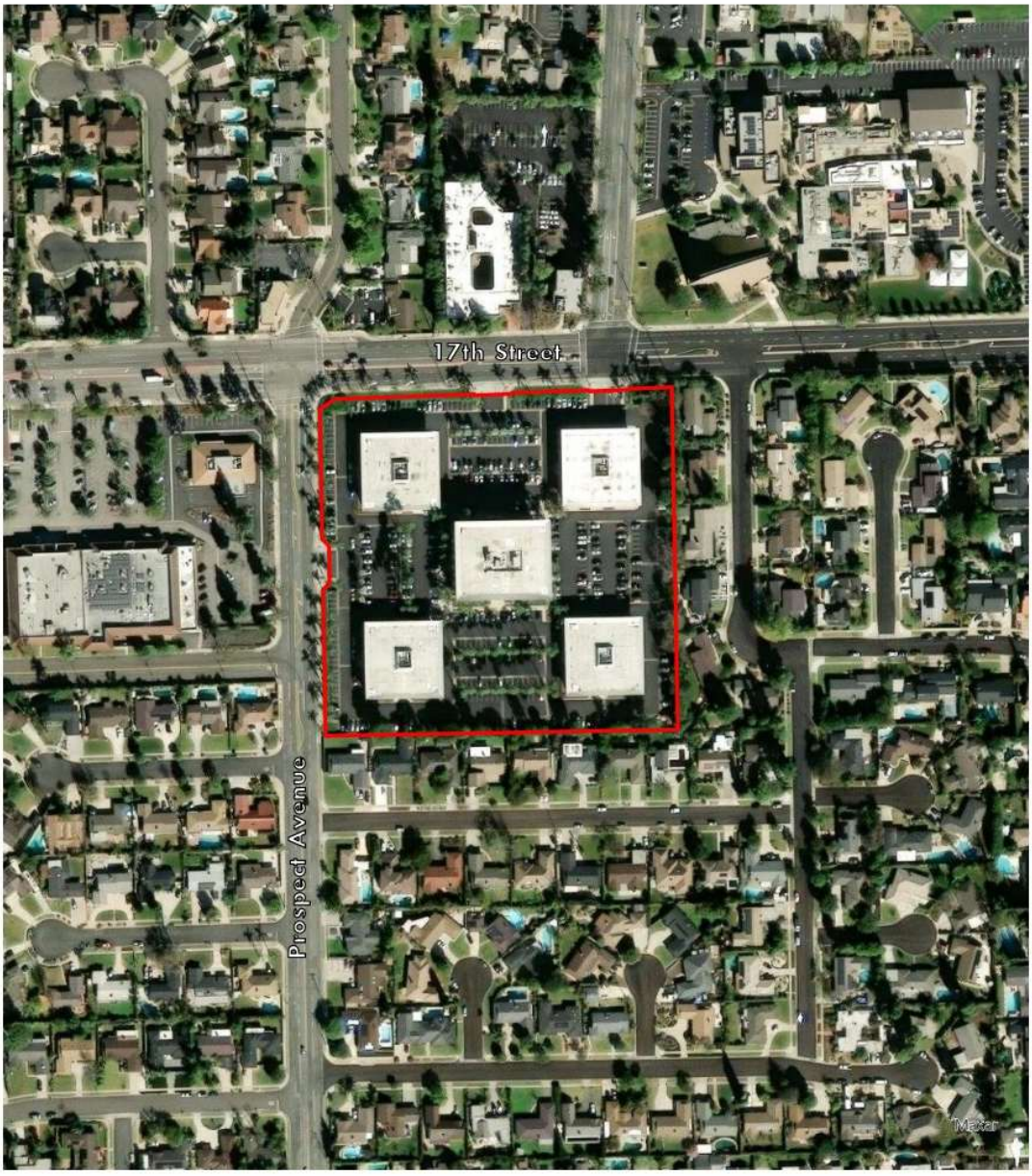
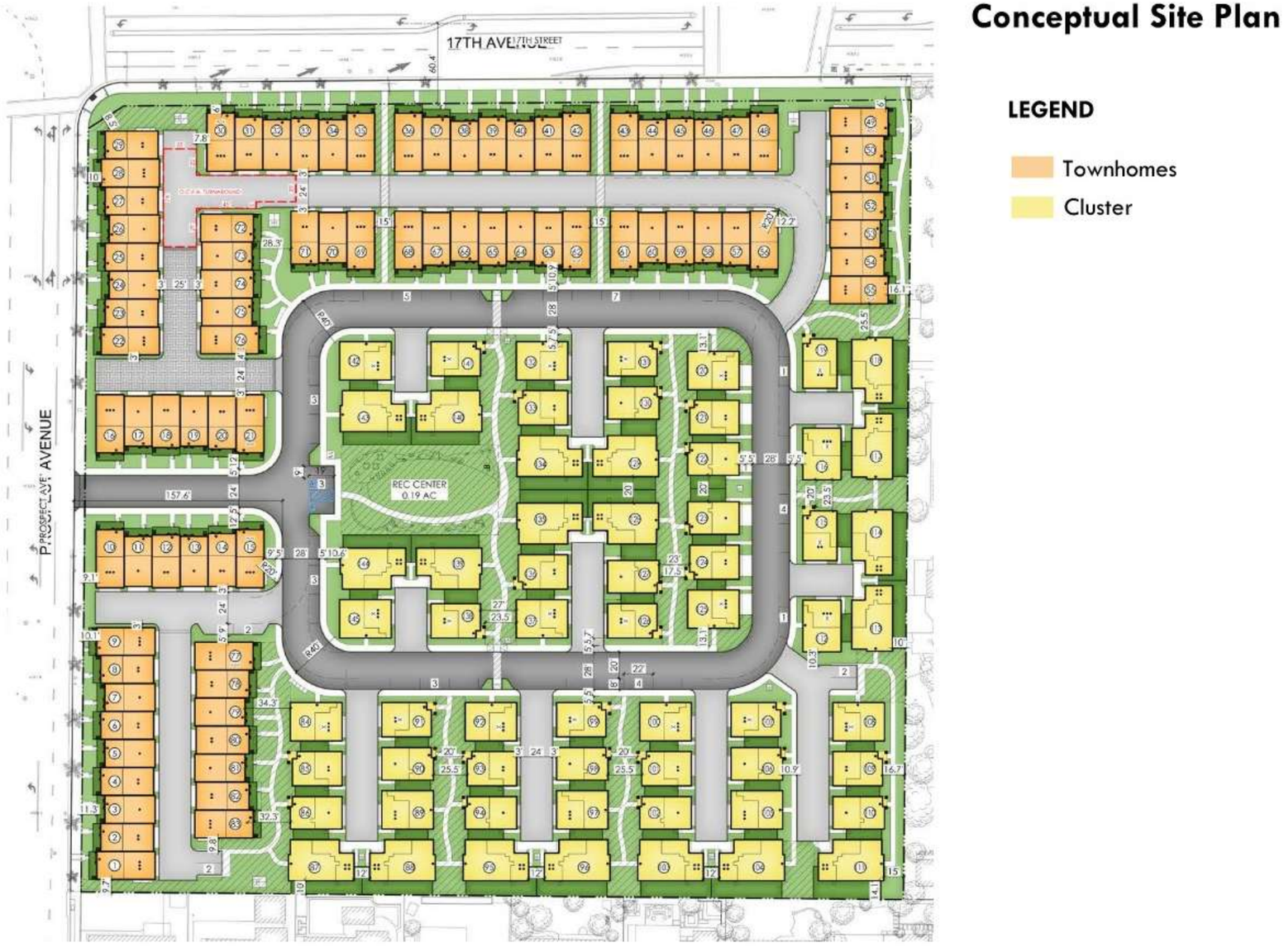


Figure 3: Conceptual Site Plan



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1.1 Access and Parking

Access to the site would be provided via a driveway on Prospect Avenue. The existing driveway on 17th Street would be closed off and no longer accessible. Onsite drive aisles would provide residents and guests with access to visitor spaces and residential garages. The Project would provide garage parking at a rate of two spaces per residential unit and guest parking at 0.25 stall per townhome residential unit, for a total of 290 enclosed residential parking spaces and 42 designated guest parking spaces via street parking along the internal drive aisle.

1.2 Purpose of the Report

To support the CEQA document for the proposed Project, this report evaluates the potential health impacts to sensitive receptors from the construction of the Project. This HRA focuses on the emissions of diesel particulate matter (DPM) from the Project's construction health risk impact of surrounding land uses on the residential Project on a day-to-day basis. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70% of the airborne cancer risk in California (California Air Resources Board, 2017). The estimated health risk impacts from the Project construction were compared to the health risk significance thresholds recommended by the SCAQMD for use in CEQA assessments.

This HRA employed the following tools to estimate the health impacts of the Project:

- The California Air Pollution Control Officers Association California Emissions Estimator Model (CalEEMod, Version 2022.1) to calculate exhaust emissions from mobile sources such as diesel trucks and construction equipment such as crawler tractors and cranes during the construction of the Project.
- The U.S. Environmental Protection Agency (EPA) AMS/EPA Regulatory Model (AERMOD Version 23132) air dispersion model to estimate DPM impacts to sensitive receptors.
- Cancer Risk Methodology from the California Office of Environmental Health Hazards Assessment (OEHHA) (California Office of Environmental Health Hazards Assessment, 2015) and the SCAQMD (South Coast Air Quality Management District, 2017).

1.3 Summary of the Results

The Project's estimated maximum construction DPM emissions would exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor, resulting in a significant construction health risk impact. However, the Project's maximum impacted worker receptor cancer risk and the Project's non-cancer hazard index (HI) would not exceed the non-cancer health risk significance threshold of 1.0. The Project's maximum construction health risks are summarized below.

Maximum Project Construction Unmitigated Health Risk Results:

- Sensitive/residential receptor for the lifetime exposure duration: 17.75 in one million
- Worker receptor: 0.19 in one million
- Sensitive receptor chronic non-cancer HI: 0.03
- Worker receptor chronic non-cancer HI: 0.01

To mitigate the significant construction health risk impact, the following mitigation measure is proposed:

> **MM AQ-1: Tier 4 Construction Equipment:** The proposed Project shall utilize Tier 4 Final or superior equipment for engines exceeding 100 horsepower (hp). If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by the City of Tustin before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment, reducing the number and/or horsepower rating of construction equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion.

The mitigated cancer risk results with the implementation of MM AQ-1 are presented below. As the Project's chronic non-cancer risk, adult cancer risk, and worker cancer risk results are below the significance threshold, these calculations are not presented below; however, with the implementation of MM AQ-1, the HI and cancer risk would decrease and continue to have a less-than-significant impact.

Project Construction Mitigated Health Risk Results:

- Sensitive/residential receptor for the lifetime exposure duration: 9.13 in one million.

Therefore, the construction of the proposed Project would result in a less than significant project-level result with the implementation of MM AQ-1: Tier 4 Construction Equipment.

2.HEALTH RISK ASSESSMENT

A HRA is a guide that helps determine whether the risks from current or future exposures to a toxic chemical or substance in the environment could affect the health of a population. In general, the quantification of risk from the development of a project depends on the following factors:

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models using information about emissions, source locations, weather, and other factors;
- Estimation of the level of exposure to different concentrations of the TACs at different geographic locations and their consequential health impacts.

Thus, a HRA identifies the TACs that could affect public health, identifies the sources and quantities of the TAC emissions, estimates where the emissions are transported by prevailing meteorological conditions, and assesses the consequential health impacts due to the identified exposures.

The State of California Office of Environmental Health Hazards Assessment (OEHHA) has developed methods for conducting HRAs. As defined under the Air Toxics "Hot Spots" Information and Assessment Act:

> "*A health risk assessment means a detailed, comprehensive analysis prepared pursuant to Section 44361 to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations and to assess and quantify both the individual and population-wide health risks associated with those levels of exposure*" *(California Health and Safety Code)*.

The methodology used to estimate health risks and hazards that could potentially affect nearby sensitive receptors from the emissions of TACs is described below. The methodology included assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on DPM emissions that the CARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM_{10} vehicle exhaust emissions.

2.4 SCAQMD Significance Thresholds

Project-Level

The City of Tustin has not adopted a numerical significance threshold for cancer risk or non-cancer hazards. Therefore, the significance thresholds recommended by the SCAQMD were used for this assessment. The relevant significance thresholds are provided below:

- Cancer Risk: ten (10) persons per million population as the maximum acceptable incremental cancer risk due to exposure to TACs
- Non-Cancer Hazard Index (HI): 1.0

These thresholds are discussed further in Section 2.2, *Health Risk Estimation Methodology*.

Cumulative

The SCAQMD conducted an analysis of the cumulative effects of TACs within the SCAB as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V, the draft version of this MATES study series) (South Coast Air Quality Management District, 2021). The MATES-V Study expresses cumulative TAC impacts in terms of potential increased cancer risks. Cumulative impact thresholds derive from this study, since the Project site is within the MATES-V Study area. The MATES-V Study estimates the cumulative TAC-source cancer risk for the localized area encompassing the Project site ranges from 300 to 400 in one million. DPM-source cancer risks are reflected in the area's ambient cumulative cancer risk along with all other TAC-source risks and account for the predominance (68%) of the total risk. A cancer risk upper limit of 400 in a million was assumed to comprise the impact from existing TAC emission sources in the region without the impacts from the Project.

The TAC emissions inventory used in the MATES-V study to estimate health impacts was representative of emissions for the year 2018. In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Project area not included in the MATES V study could contribute to cumulative TAC impacts. The SCAQMD has published a white paper on addressing cumulative impacts from air pollution (South Coast Air Quality Management District, 2003). The white paper recommends a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts (South Coast Air Quality Management District, 2019). The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources, showing that emissions diminish substantially between 500 and 1,000 feet from emission sources. While the cumulative analysis incorporates future emissions within 1,000 feet of the source, the project-specific and cumulative significance thresholds of 10 in one million remain the same.

2.5 Health Risk Estimation Methodology

Cancer Risk

Cancer risks are estimated as the upper-bound incremental probability that an individual would develop cancer due to exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a probability since there is no level below which some level of impact may occur. 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 10 in one million implies a likelihood that up to 10 people in a population of one million equally exposed people could contract cancer if exposed continuously (24 hours per day) to the levels of TACs over a specified duration of time. This risk is an excess cancer risk in addition to any environmental cancer risk borne by a person not exposed to these air toxins.

The exposure dose is the amount of a chemical taken into the body at a given time. In particular, the exposure dose through inhalation ($Dose_{air}$) is a function of the breathing rate, the exposure frequency, and the concentration of exposures. Breathing rates change over time for different age groups and are determined for specific age groups. The $Dose_{air}$ is calculated for each of the following age groups: third trimester to birth, and 0 to 2, 2 to 16, and 16 to 30 years of age. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans (California Office

of Environmental Health Hazards Assessment, 2015). The risks for each age group are summed together to provide a total estimate of lifetime cancer risks for sensitive receptors. To estimate the cancer risk, the $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

$$Dose_{air} = C_{DPM} \times DBR_i \times A \times EF_i \quad \text{(EQ-1)}$$

Where:

$Dose_{air}$ = dose through inhalation (mg/kg/day)

C_{DPM} = period average concentration of DPM as estimated by the air dispersion model ($\mu g/m^3$)

DBR = daily breathing rate for each age group (liters/kg-day)—see Table 1

A = Inhalation absorption factor (unitless = 1)

EF = exposure frequency (days per year)

i – number of age groups

The dose is multiplied by the cancer potency factor, the age sensitivity factors (ASF), the exposure duration (ED), and the fraction of time spent at home (FAH, for sensitive/residential receptors only) divided by averaging time (AT) to arrive at an estimate of cancer risk:

$$\text{Cancer Risk} = Dose_{air,i} \times CPF \times ASF_i \times ED_i \times FAH_i/AT \quad \text{(EQ-2)}$$

Where:

Cancer Risk = Total individual excess inhalation cancer risk, defined as the cancer risk a hypothetical individual faces if exposed to carcinogenic emissions from a particular source for specified exposure durations; this risk is summed over all age groups; cancer risk is expressed in terms of risk per million exposed individuals.

$Dose_{air,i}$ = inhalation dose through inhalation (mg/kg-day)

CPF = inhalation cancer potency factor $(mg/kg\text{-}day)^{-1}$

ASF_i = age sensitivity factors (see Table 1)

ED_i = exposure duration (years)—see Table 1

AT = averaging time of lifetime cancer risk (70 years or 25550 days)

FAH_i = fraction of time spent at home—see Table 1

n = number of age groups

While the OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans, the Project's construction duration is expected to only span 1.27 years, and no significant DPM emissions are anticipated to occur after the completion of the Project's construction during the operation of the Project. Thus, for the remainder of this report, the lifetime cancer risk will refer to the construction's time span of 1.27 years.

Thus, for the purpose of this HRA, the exposure duration for sensitive/residential receptors' lifetime cancer risk was assumed to analyze a daily construction duration of eight hours, five days a week, as a reasonable assumption for the site's construction operation hours and was assumed to span the duration of a third trimester pre-birth in 2026 (the Project's starting year of construction) through 2027, when the Project's

construction would conclude. Estimates of cancer risk were also provided for informational purposes for adult exposure, also spanning the duration of construction.

Table 1 provides the values for the various cancer risk parameters shown in equations EQ-1 and EQ-2 for the receptor groups examined in this assessment for the construction of the Project. For DPM, the value of the CPF is 1.1 milligrams per kilogram per day.

Table 1: Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance

Age Group	Exposure Frequency, EF		Exposure Duration (ED) (Years)	Age Sensitivity Factors (ASF)	Fraction Time at Home (FAH)	Daily Breathing Rate[1] (DBR) (l/kg-day)
	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)						
3rd Trimester to Birth	8	250	0.25	10	1	361
0 to 2 years	8	250	1.02	10	1	1,090
2 to 16 years	8	250		3	1	745
16 to 30 years	8	250		1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)						
3rd Trimester to Birth	8	250	0.25	10	1	361
0 to 2 years	8	250	1.02	10	1	1,090
2 to 9 years	8	250		3	1	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)						
17 years and older	8	250	1.27	1	0.73	335
Worker Receptor (25-years duration)						
17 years and older	8	250	1.27	1		230

Notes:
[1] Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors.
(L/kg-day) = liters per kilogram body weight per day
Source: SCAQMD Rule 1401

Chronic Non-Cancer Hazard

TACs can also cause chronic (long-term) effects on non-cancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Non-cancer health risks are conveyed in terms of the HI. A ratio of the predicted concentration of the facility's reported TAC emissions to a concentration is considered acceptable to public health professionals. A significant risk is defined as an HI of 1.0 or greater. An HI of less than 1 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the non-cancer hazards for TACs:

$$HI = C_{ann}/REL \quad \text{(EQ-3)}$$

Where:

HI = Hazard Index: an expression of the potential for chronic non-cancer health risks

C_{ann} = Annual average TAC concentration ($\mu g/m^3$)

REL = Reference Exposure Level: the DPM concentration at which no adverse health effects are anticipated

As predicted by the air dispersion model, annual concentrations of DPM are used to estimate chronic non-cancer hazards. The OEHHA has defined a REL for DPM of 5 $\mu g/m^3$.

2.6 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using the latest CalEEMod Version 2022.1. DPM construction emissions were based on the CalEEMod construction runs for the proposed construction schedule and equipment inventory, using exhaust PM_{10} construction emissions to represent DPM emissions. Construction-related DPM emissions are expected to primarily occur as a function of heavy-duty equipment that would operate on-site during the construction phase. Additional DPM emissions would occur from the operation of construction vehicles that travel to/from the Project during construction (haul trucks, vendor trucks, and worker vehicles).

These travel link assumptions can be found in Appendix C.1 and C.2.

Construction Equipment Emission Inventory Development

The first requirement to conduct the HRA involves identifying and quantifying the sources of construction DPM emissions from the Project, also termed an emissions inventory. Each piece of equipment that emits DPM is identified in terms of its location and physical characteristics (release height, release temperature, etc.) and the chemical nature of the emissions. The predominant sources of DPM emissions resulting from the construction of the Project derive from the heavy-duty diesel trucks that travel to, from, and within the Project site each day, as well as the off-road construction equipment used during the six construction phases: demolition, site preparation, grading, building construction, paving, and architectural coating. The Project's DPM exhaust emissions were calculated using the PM_{10} exhaust emissions calculated from CalEEMod. Table 2 shows the Project's construction schedule and Table 3, *Proposed Project Construction Equipment Inventory,* presents the Project's proposed CalEEMod default construction equipment. Table 4, *Proposed Construction Vehicle Use*, shows the proposed construction vehicle use for worker, vendor, and hauling trips. Table 5 depicts the maximum daily on-site and off-site DPM emissions during the Project's construction. Figure 4, *Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources,* provides the locations of the on-site and off-site construction DPM emission sources.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Working Days
Demolition	6/1/2026	9/11/2026	75
Site Preparation	9/12/2026	9/25/2026	10
Grading	9/26/2026	10/23/2026	20
Building Construction	10/24/2026	9/10/2027	230
Paving	9/11/2027	10/8/2027	20
Architectural Coating	10/9/2027	11/12/2027	25

Source: See CalEEMod Output in Appendix A.1.

Table 3: Proposed Project Construction Equipment Inventory

Activity	Days of Construction	Equipment	Number	Hours per day	Horse-power	Load Factor
Demolition	75	Concrete/Industrial Saws	1	8	33	0.73
		Excavators	3	8	36	0.38
		Rubber Tired Dozers	2	8	367	0.4
		Crushing/proc. Equipment	1	8	200	0.6
Site Preparation	10	Rubber Tired Dozers	3	8	367	0.4
		Crawler Tractors	4	8	84	0.37
		Other Construction Equipment	1	8	82	0.42
Grading	20	Excavators	1	8	36	0.38
		Graders	1	8	148	0.41
		Rubber Tired Dozers	1	8	367	0.4
		Crawler Tractors	3	8	87	0.43
Building Construction	230	Cranes	1	8	367	0.29
		Forklifts	3	8	82	0.2
		Generator Sets	1	8	14	0.74
		Tractors/Loaders/Backhoes	3	8	84	0.37
		Welders	1	8	46	0.45
Paving	20	Pavers	2	8	81	0.42
		Paving Equipment	2	8	89	0.36
		Rollers	2	8	36	0.38
Architectural Coating	25	Air Compressors	1	8	37	0.48

Source: See CalEEMod Output in Appendix A.1.

Table 4: Proposed Construction Vehicle Use

Activity	Daily Worker Trips	Daily Vendor Trips	Total Haul Trips
Demolition	18	0	314
Site Preparation	20	0	0
Grading	15	0	269
Building Construction	82	16	0
Paving	15	0	0
Architectural Coating	16	0	0

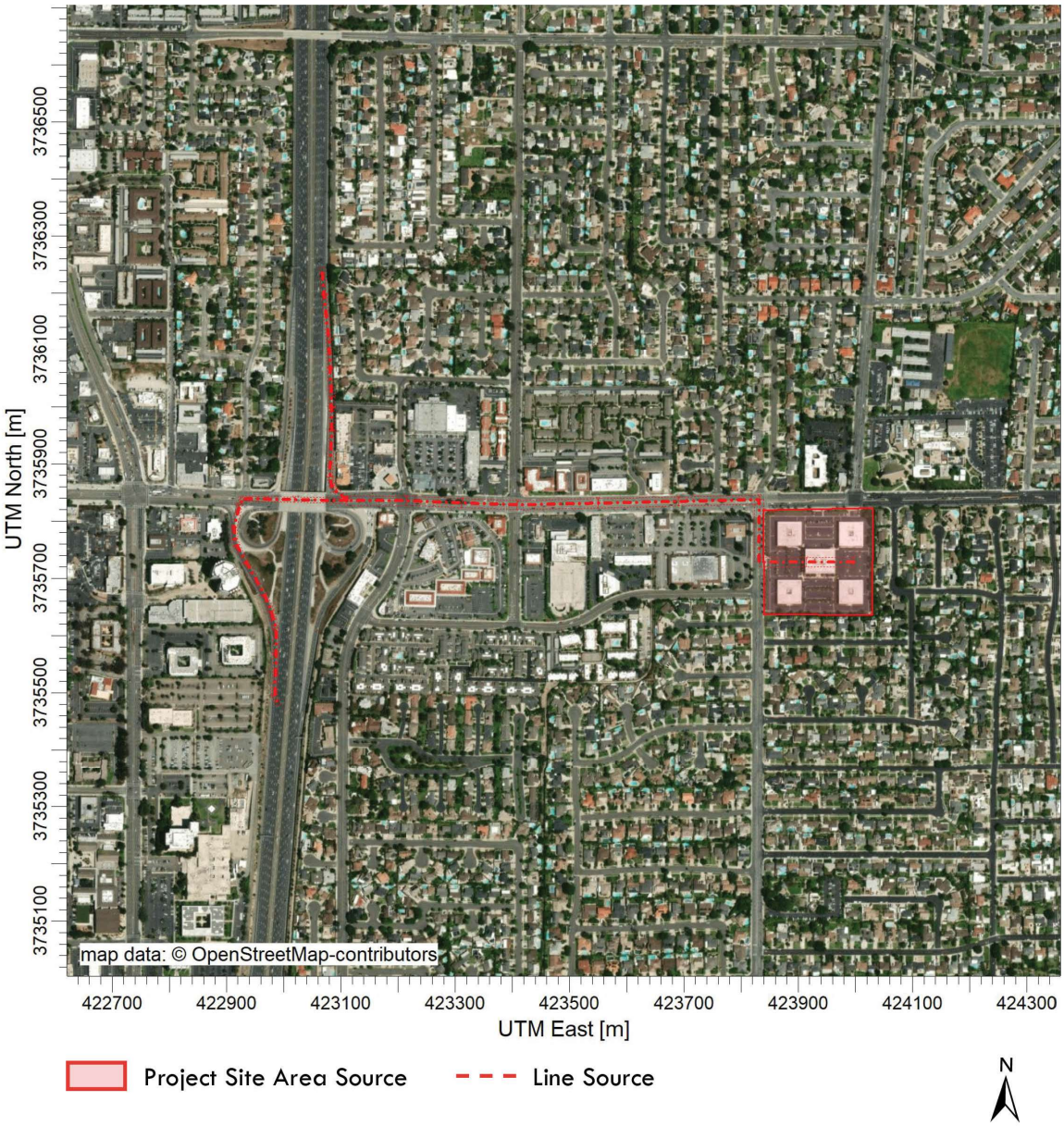
Source: See CalEEMod Output in Appendix A.1.

Table 5: Project On-Site and Off-Site Construction Source DPM Daily Emissions

Activity	Working Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions (pounds/day)	Maximum Daily DPM Emissions (pounds/day)	Maximum Daily Construction Emissions (pounds/day)
2026				
Demolition	75	0.91	0.28	
Site Preparation	10	1.86	<0.01	
Grading	20	1.04	0.24	
Building Construction	94	0.41	<0.01	
Maximum Daily Construction Emissions 2026		**1.86**	**0.28**	**2.14**
2027				
Building Construction	136	0.36	<0.01	
Paving	20	0.30	<0.01	
Architectural Coating	25	0.03	<0.01	
Maximum Daily Construction Emissions 2027		**0.36**	<0.01	**0.37**
2026-2027 Maximum Daily Construction Emissions (pounds/day)				**2.14**

Source: See Data Attachment in Appendix C.1.

Figure 4: Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources



Atmospheric Dispersion Methodology

Atmospheric dispersion modeling is the mathematical simulation of how air pollutants disperse in the ambient atmosphere. The modeling is performed with computer programs that solve algorithms simulating the movement and dispersion of air pollutants. The air dispersion model uses emissions from various emission sources and meteorological data such as wind speed and direction, air temperature, and atmospheric mixing rates to estimate the air pollutant impacts at various geographic locations (referred to as receptor locations).

Tables 6 and 7 provide the general assumptions applied in the AERMOD model (Version 23132). The AERMOD output sheets can be found in Appendix B for construction, respectively.

Table 6: General Modeling Assumptions

Feature	Assumption
Terrain Processing	Complex terrain; elevations were obtained for the Project site using the EPA AERMAP terrain data pre-processor Version 18081; Data Set: USGS_NED_13_n34w118.tif.
Land Use	Urban – Based on land use patterns surrounding the Project site.
Meteorological Data	The John Wayne International Airport National Weather Service (NWS) Station was used for the years of 2012-2016 as representative of meteorological conditions on the Project site.
Receptor Locations	A uniform network grid was used to include all existing residences and worker locations surrounding the Project site. Additional receptors were located at nearby residences and the nearby hospital. Receptors were placed at ground level.
Population	Orange County: ~3.136 million

Source: See Data Attachment in Appendix B.1.

Table 7: Summary of Construction Emissions Source Configuration

Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Sources	Polygon Area Source	• Size of the construction area source was the size of the Project area to be constructed (8.54 acres, 34,560 m^2). • Construction equipment emission source release height – 5 meters. • Emissions generated from the CalEEMod model. • Construction operation: Assumed 8 hours per day, 5 days a week.
On-Site and Off-Site Construction Vehicle Traffic	Line Area Source	• Line source release height of 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (from EPA Haul Roads Calculator). • Equipment/Vehicle types: see Table 3, *Proposed Project Construction Equipment Inventory*. • The assumed off-site routes used are as follows: ○ Off-Site 1: Project Site *to/from* 17th Avenue Junction. 100% ○ Off-Site 2: 17th Avenue Junction *to/from* State Route 55 (SR-55) Northbound Ramp. 50% ○ Off-Site 3: 17th Avenue Junction *to/from* SR-55 Southbound 55. 50% • Construction operation: Assumed 8 hours per day, 5 days a week.

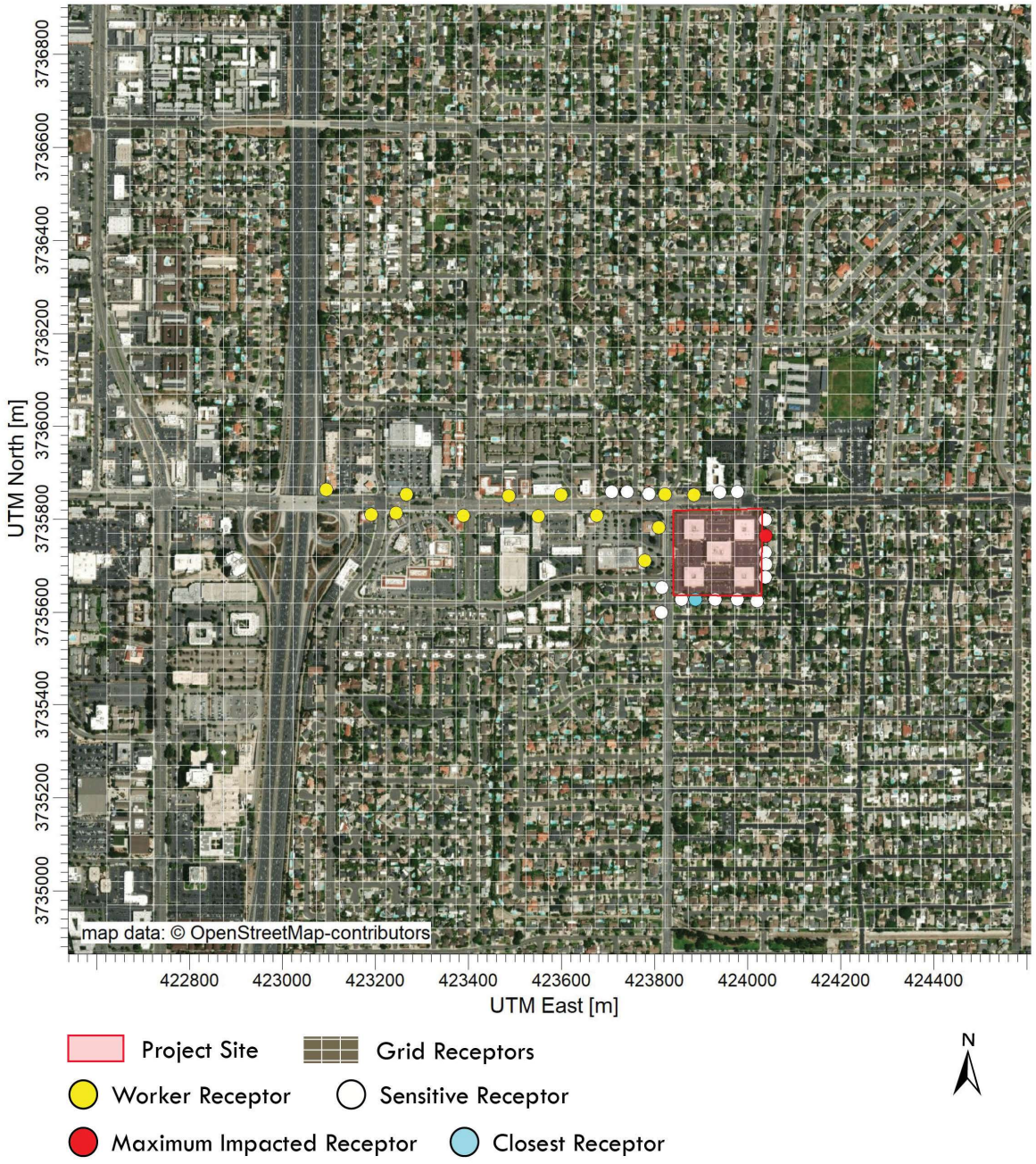
Source: See Data Attachment in Appendix B.1 and C.1.

2.7 Receptors

The SCAQMD defines a sensitive receptor as any residence, including private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor includes long-term care hospitals, hospices, prisons, and dormitories, or similar live-in housing. For the purpose of this HRA, sensitive receptors were placed within the air dispersion model at the locations of the closest existing residences and other establishments or residences nearest to the Project site that qualify as sensitive receptors. Receptor points were placed on existing residences, schools, healthcare facilities along the Project's travel routes, as well as the closest worker receptors to the Project's boundary. In addition, a uniform grid network of receptors was placed over the Project site to complete the receptor network. These receptors were used to evaluate the health risk during the Project's construction, including on-site source emissions and along the off-site Project routes. The closest receptors to the Project site and the Project's on-site and off-site travel links approximate the maximum DPM emissions from the construction of the Project and thus yield the highest cancer risk values. The nearest sensitive receptors to the Project site consist of a residential home located approximately 1.52 meters (5 feet) south of the Project site, with additional residential homes located approximately 6.79 meters (22.28 feet) south of the Project's southern boundary. However, the most impacted sensitive receptor for this analysis was determined to be a different residence, about 5.24 meters (17 feet) east of the Project boundary. The nearest worker receptor was determined to be 37.1 meters (122 feet) west of the Project boundary line, at

a commercial shopping center on the corner of Baseline Avenue and Sultana Avenue. Figure 5, *Locations of Air Dispersion Model Receptors*, shows the receptor locations included in the HRA and highlights the closest and maximum impacted receptors.

Figure 5: Locations of Air Dispersion Model Receptors



3.RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Tables 8 presents a summary of the cancer risks resulting from the Project's construction DPM emissions, along with the SCAQMD health risk significance thresholds. As shown in Tables 8, the estimated maximum cancer risk for construction is 17.75 in one million for sensitive/residential receptors. The estimated maximum cancer risk for worker receptors during construction is 0.19 in one million. In addition, the Project's maximum estimated construction results for non-cancer health risk are 0.03, for the maximum impacted sensitive receptor, which is below the significance threshold of 1.0.

The Project would have a less-than-significant result related to non-cancer health risks. However, the estimated maximum construction cancer risk would exceed the 10 in one million threshold. Mitigation would be implemented to reduce this impact as discussed in Section 3.2, *Project Mitigation*. Figure 6, *Construction Model Output,* displays the total emission contour output for the Project's construction model.

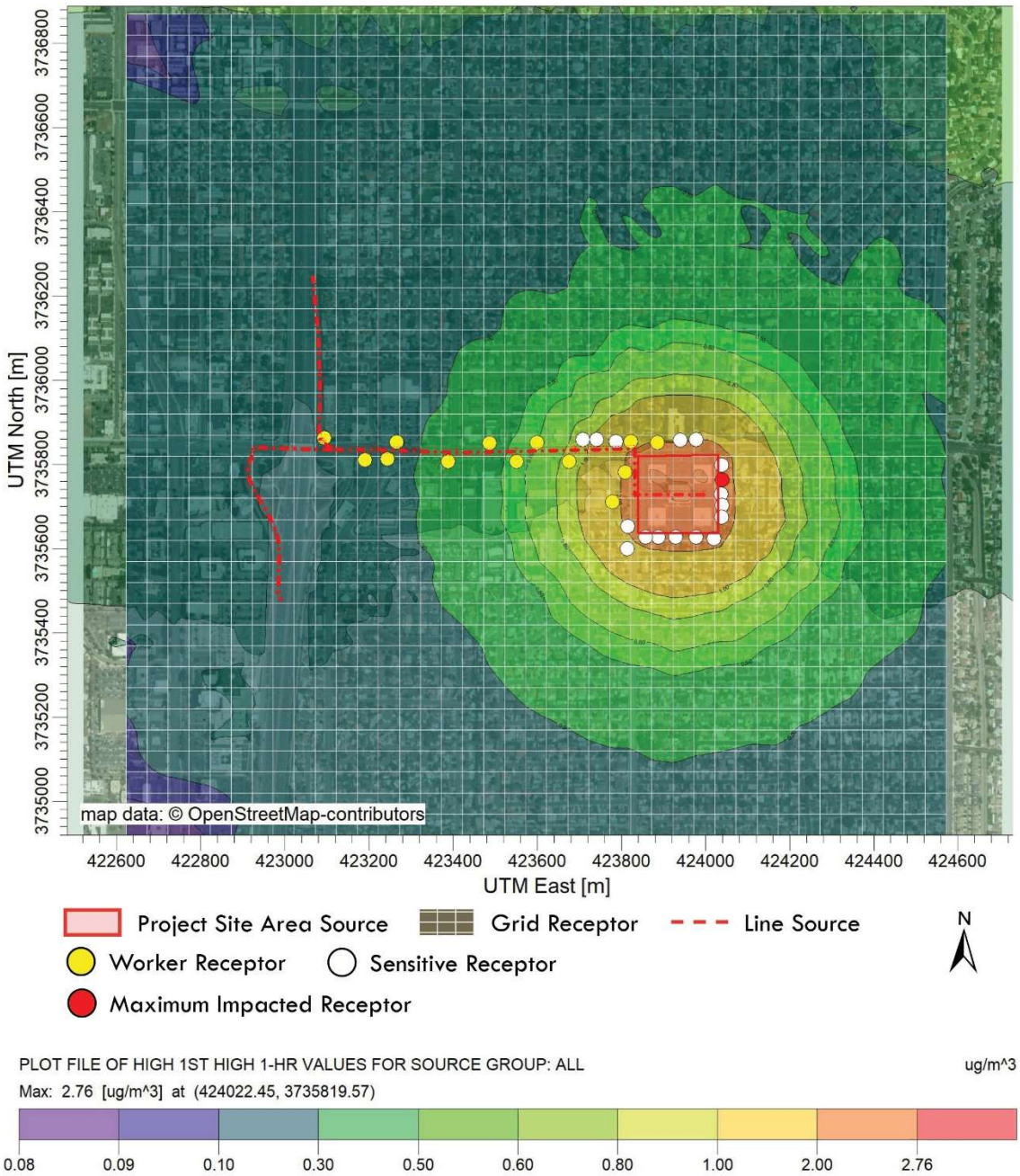
Table 8: Summary of Proposed Project Construction Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	17.75	10	Yes
Maximum Impacted Sensitive Receptor – Adult	0.50	10	No
Maximum Impacted Worker Receptor	0.19	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.03	1.0	No
Maximum Impacted Sensitive Receptor – Adult	0.03	1.0	No
Maximum Impacted Worker Receptor	0.01	1.0	No

Source: See Data Attachment in Appendix D.1.

The SCAB has a nonattainment status, meaning the SCAB does not meet national air quality standards for certain criteria pollutants. Project-specific thresholds were established at levels intended to reduce cumulative health risk impacts. Therefore, project-specific thresholds are the same as cumulative thresholds. Since the Project would not exceed project-level thresholds, it would also have a less-than-significant cumulative for cancer and non-cancer health risks.

Figure 6: Construction Model Output



3.2 Project Mitigation

Per SCAG's 4.0 Mitigation Measure (MM) AQ-1, projects are required to utilize Tier 4 Final or superior equipment for engines exceeding 100 horsepower (hp) (South Coast Association of Governments (SCAG), 2020).If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by SCAG before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment, reducing the number and/or horsepower rating of construction equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion. An exception to this requirement may be considered if a project can demonstrate that Tier 4 engines are unnecessary to reduce emissions below significance thresholds. Since the cancer risk and non-cancer HI for the unmitigated operational results are below the SCAQMD significance threshold, these calculations were intentionally omitted as they are compliant without mitigation.

The updated cancer risk for the construction and combined construction and operation impacts with the implementation of Tier 4 mitigation measures was calculated and is shown in Table 9. As noted in Table 9, the proposed Project's mitigated construction maximum cancer risk results are 9.13 in one million, below the utilized SCAQMD threshold of 10 in one million for the proposed Project. Thus, the impact would be less than significant with the implementation of MM AQ-1.

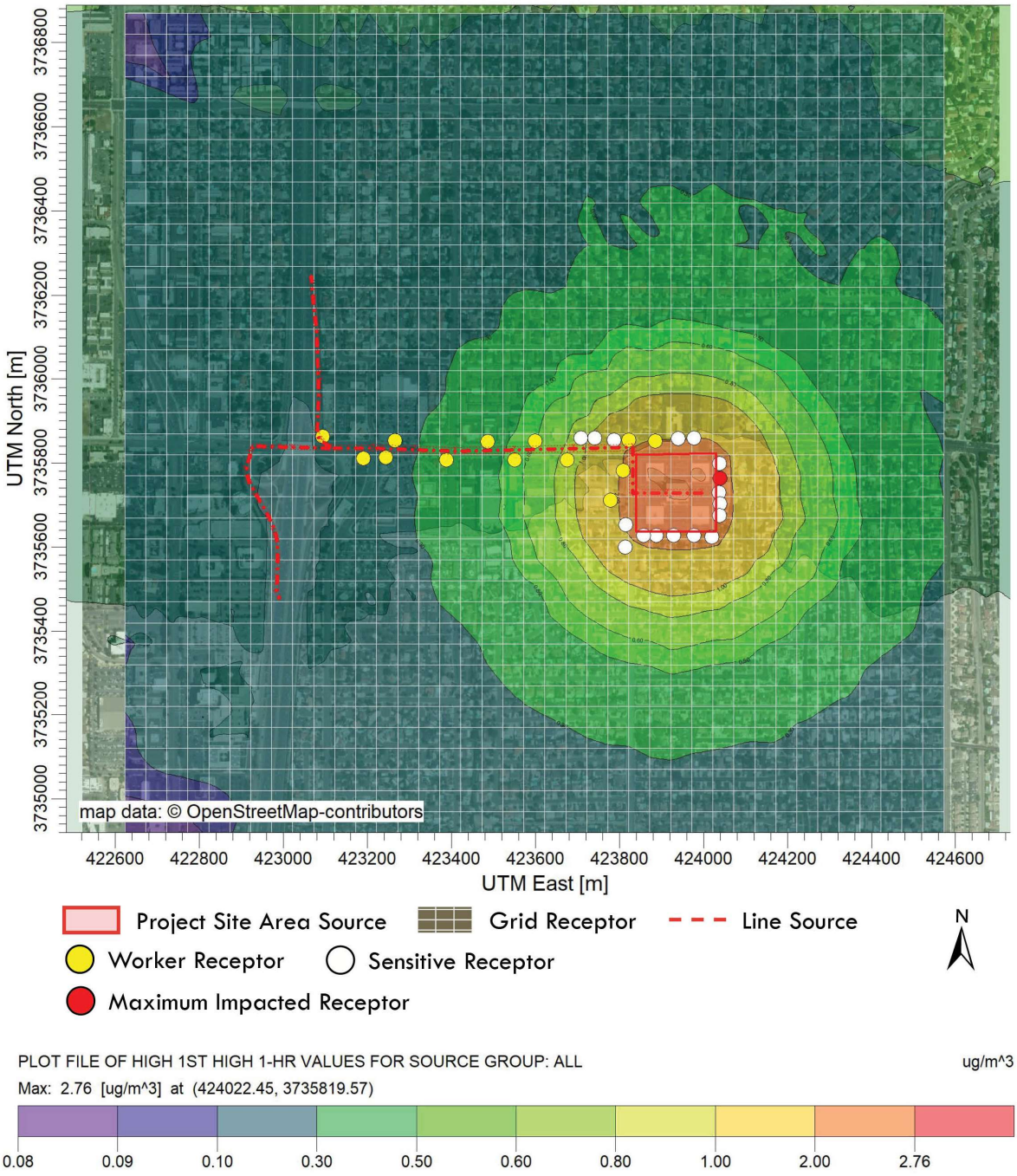
The Project's chronic non-cancer risk, adult cancer risk, and worker cancer risk results are below the significance threshold. However, with the implementation of MM AQ-1, the HI and cancer risk would decrease and continue to have a less-than-significant impact. Figure 7, *Mitigated Construction Model Output,* displays the total emission contour output for the Project's mitigated construction model.

Table 9: Summary of Proposed Project Construction Cancer Risk: Mitigated

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult	9.13	10	No

Note: Modeling and calculations of Table 9 utilizes mitigation measures, which requires and makes use of AQ-1 Tier 4 equipment for engines 100 horsepower and higher.
Note: Any results from the unmitigated construction risk that complied with the 10 in one million significance threshold or HI<1.0 were omitted from the mitigated tables as the results had a less than significant impact, it should be noted that these health risk results would be further reduced with the implementation of mitigation.
Source: See Data Attachment in Appendix D.2

Figure 7: Mitigated Construction Model Output



4.CONCLUSION

The Project's estimated maximum construction DPM emissions would exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor, resulting in a significant construction health risk impact. However, the Project's maximum impacted worker receptor cancer risk and the Project's non-cancer HI would not exceed the non-cancer health risk significance threshold of 1.0. The Project's maximum construction health risks are summarized below.

Maximum Project Construction Unmitigated Health Risk Results:

- Sensitive/residential receptor for the lifetime exposure duration: 17.75 in one million
- Worker receptor: 0.19 in one million
- Sensitive receptor chronic non-cancer HI: 0.03
- Worker receptor chronic non-cancer HI: 0.01

To mitigate the significant construction health risk impact, the following mitigation measure is proposed:

> **MM AQ-1: Tier 4 Construction Equipment:** The proposed Project shall utilize Tier 4 Final or superior equipment for engines exceeding 100 horsepower (hp). If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by the City of Tustin before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment, reducing the number and/or horsepower rating of construction equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion.

The mitigated cancer risk results with the implementation of MM AQ-1 are presented below. As the Project's chronic non-cancer risk, adult cancer risk, and worker cancer risk results are below the significance threshold, these calculations are not presented below; however, with the implementation of MM AQ-1, the HI and cancer risk would decrease and continue to have a less-than-significant impact.

Project Construction Mitigated Health Risk Results:

- Sensitive/residential receptor for the lifetime exposure duration: 9.13 in one million.

Therefore, the construction of the proposed Project would result in a less than significant project-level result with the implementation of MM AQ-1: Tier 4 Construction Equipment.

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APPENDIX A.1 – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION

25-011 Proposed Cypress Grove Project PM10E Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	25-011 Proposed Cypress Grove Project PM10E
Construction Start Date	6/1/2026
Operational Year	2027
Lead Agency	City of Tustin
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	2.20
Location	33.758903885169794, -117.82133906390618
County	Orange
City	Tustin
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5969
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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	62.0	Dwelling Unit	3.56	108,732	46,131	—	185	—

Condo/Townhouse	83.0	Dwelling Unit	1.76	159,696	0.00	—	247	—
Other Asphalt Surfaces	2.86	Acre	2.86	0.00	0.00	—	—	—
Parking Lot	40.0	Space	0.36	0.00	0.00	—	—	—

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.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	41.1	34.2	1.86	10.4	4.46	22,701
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	41.9	29.6	1.28	8.62	3.54	22,661
Average Daily (Max)	—	—	—	—	—	—
Unmit.	11.3	10.0	0.37	3.04	0.95	4,587
Annual (Max)	—	—	—	—	—	—
Unmit.	2.07	1.83	0.07	0.55	0.17	759
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	100	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	100	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—
2026	41.1	34.2	1.86	10.4	4.46	22,701
2027	10.9	18.3	0.37	1.57	0.63	4,203
Daily - Winter (Max)	—	—	—	—	—	—
2026	41.9	29.6	1.28	8.62	3.54	22,661
2027	10.9	17.8	0.37	1.57	0.63	4,148
Average Daily	—	—	—	—	—	—
2026	11.3	10.0	0.37	3.04	0.95	4,587
2027	5.89	9.60	0.20	0.82	0.33	2,181
Annual	—	—	—	—	—	—
2026	2.07	1.83	0.07	0.55	0.17	759
2027	1.07	1.75	0.04	0.15	0.06	361

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	3.63	36.4	0.15	7.09	1.91	9,993
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	3.76	26.3	0.14	7.09	1.90	9,671
Average Daily (Max)	—	—	—	—	—	—
Unmit.	3.62	30.8	0.14	6.64	1.78	9,315
Annual (Max)	—	—	—	—	—	—
Unmit.	0.66	5.63	0.02	1.21	0.33	1,542

Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Annual)	—	—	—	—	—	—
Threshold	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Mobile	2.36	27.6	0.04	6.99	1.80	7,479
Area	0.08	8.23	< 0.005	< 0.005	< 0.005	22.1
Energy	1.10	0.47	0.09	0.09	0.09	2,189
Water	—	—	—	—	—	83.8
Waste	—	—	—	—	—	208
Refrig.	—	—	—	—	—	1.92
Stationary	0.09	0.10	0.01	0.01	0.01	8.42
Total	3.63	36.4	0.15	7.09	1.91	9,993
Daily, Winter (Max)	—	—	—	—	—	—
Mobile	2.57	25.7	0.04	6.99	1.80	7,179
Area	0.00	0.00	0.00	0.00	0.00	0.00
Energy	1.10	0.47	0.09	0.09	0.09	2,189
Water	—	—	—	—	—	83.8
Waste	—	—	—	—	—	208

Refrig.	—	—	—	—	—	1.92
Stationary	0.09	0.10	0.01	0.01	0.01	8.42
Total	3.76	26.3	0.14	7.09	1.90	9,671
Average Daily	—	—	—	—	—	—
Mobile	2.43	24.7	0.04	6.55	1.69	6,814
Area	0.05	5.64	< 0.005	< 0.005	< 0.005	15.1
Energy	1.10	0.47	0.09	0.09	0.09	2,189
Water	—	—	—	—	—	83.8
Waste	—	—	—	—	—	208
Refrig.	—	—	—	—	—	1.92
Stationary	0.03	0.03	< 0.005	< 0.005	< 0.005	2.88
Total	3.62	30.8	0.14	6.64	1.78	9,315
Annual	—	—	—	—	—	—
Mobile	0.44	4.51	0.01	1.19	0.31	1,128
Area	0.01	1.03	< 0.005	< 0.005	< 0.005	2.50
Energy	0.20	0.09	0.02	0.02	0.02	362
Water	—	—	—	—	—	13.9
Waste	—	—	—	—	—	34.5
Refrig.	—	—	—	—	—	0.32
Stationary	0.01	0.01	< 0.005	< 0.005	< 0.005	0.48
Total	0.66	5.63	0.02	1.21	0.33	1,542

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	20.7	19.0	0.84	0.84	0.78	3,438
Demolition	—	—	—	6.95	1.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	4.24	3.91	0.17	0.17	0.16	707
Demolition	—	—	—	1.43	0.22	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.77	0.71	0.03	0.03	0.03	117
Demolition	—	—	—	0.26	0.04	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.05	0.92	0.00	0.23	0.05	231
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	10.3	4.55	0.11	2.39	0.75	9,052
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	0.01	0.17	0.00	0.05	0.01	45.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.21	0.94	0.02	0.49	0.15	1,858
Annual	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	7.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.40	0.17	< 0.005	0.09	0.03	308

3.3. Site Preparation (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	36.3	33.1	1.86	1.86	1.71	5,872
Dust From Material Movement	—	—	—	5.66	2.69	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.99	0.91	0.05	0.05	0.05	161
Dust From Material Movement	—	—	—	0.16	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.18	0.17	0.01	0.01	0.01	26.6
Dust From Material Movement	—	—	—	0.03	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.06	1.05	0.00	0.26	0.06	264
Vendor	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
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	6.97
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.15
Vendor	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

3.5. Grading (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	19.1	19.1	1.04	1.04	0.96	3,146
Dust From Material Movement	—	—	—	2.28	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	19.1	19.1	1.04	1.04	0.96	3,146
Dust From Material Movement	—	—	—	2.28	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	1.04	1.05	0.06	0.06	0.05	172
Dust From Material Movement	—	—	—	0.13	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.19	0.19	0.01	0.01	0.01	28.5
Dust From Material Movement	—	—	—	0.02	0.01	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.05	0.79	0.00	0.20	0.05	198
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	22.0	9.73	0.24	5.10	1.60	19,358
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.68	0.00	0.20	0.05	188
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	22.8	9.81	0.24	5.10	1.60	19,328
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.04	0.00	0.01	< 0.005	10.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.26	0.54	0.01	0.28	0.09	1,060
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.23	0.10	< 0.005	0.05	0.02	175

3.7. Building Construction (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	10.7	14.1	0.41	0.41	0.38	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—

Off-Road Equipment	1.44	1.90	0.06	0.06	0.05	356
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.26	0.35	0.01	0.01	0.01	59.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.29	3.73	0.00	1.07	0.25	1,029
Vendor	0.52	0.25	< 0.005	0.14	0.04	507
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.04	0.52	0.00	0.14	0.03	141
Vendor	0.07	0.03	< 0.005	0.02	0.01	68.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.01	0.10	0.00	0.03	0.01	23.4
Vendor	0.01	0.01	< 0.005	< 0.005	< 0.005	11.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	10.2	14.0	0.36	0.36	0.34	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—

Off-Road Equipment	10.2	14.0	0.36	0.36	0.34	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	5.04	6.95	0.18	0.18	0.17	1,306
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.92	1.27	0.03	0.03	0.03	216
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.25	4.06	0.00	1.07	0.25	1,066
Vendor	0.48	0.24	< 0.005	0.14	0.04	498
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.25	3.49	0.00	1.07	0.25	1,012
Vendor	0.50	0.24	< 0.005	0.14	0.04	497
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.14	1.80	0.00	0.53	0.12	509
Vendor	0.25	0.12	< 0.005	0.07	0.02	246
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.03	0.33	0.00	0.10	0.02	84.2
Vendor	0.05	0.02	< 0.005	0.01	< 0.005	40.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2027) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	6.94	9.95	0.30	0.30	0.27	1,516
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	6.94	9.95	0.30	0.30	0.27	1,516
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.38	0.55	0.02	0.02	0.02	83.1
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.07	0.10	< 0.005	< 0.005	< 0.005	13.8
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.04	0.74	0.00	0.20	0.05	195
Vendor	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
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.64	0.00	0.20	0.05	185
Vendor	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
Average Daily	—	—	—	—	—	—

Worker	< 0.005	0.04	0.00	0.01	< 0.005	10.3
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.70
Vendor	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

3.13. Architectural Coating (2027) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	1.11	1.50	0.03	0.03	0.02	179
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.08	0.10	< 0.005	< 0.005	< 0.005	12.2
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.02	< 0.005	< 0.005	< 0.005	2.03
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—

Worker	0.05	0.70	0.00	0.21	0.05	202
Vendor	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
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.05	0.00	0.01	< 0.005	14.1
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	2.33
Vendor	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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	1.21	14.1	0.02	3.58	0.92	3,832
Condo/Townhouse	1.15	13.4	0.02	3.41	0.88	3,647
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.36	27.6	0.04	6.99	1.80	7,479
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	1.31	13.2	0.02	3.58	0.92	3,678
Condo/Townhouse	1.25	12.5	0.02	3.41	0.88	3,501

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.57	25.7	0.04	6.99	1.80	7,179
Annual	—	—	—	—	—	—
Single Family Housing	0.24	2.42	< 0.005	0.64	0.17	605
Condo/Townhouse	0.21	2.09	< 0.005	0.55	0.14	523
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.44	4.51	0.01	1.19	0.31	1,128

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	408
Condo/Townhouse	—	—	—	—	—	364
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	13.1
Total	—	—	—	—	—	785
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	408
Condo/Townhouse	—	—	—	—	—	364
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	13.1
Total	—	—	—	—	—	785
Annual	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	67.5
Condo/Townhouse	—	—	—	—	—	60.2
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	2.17
Total	—	—	—	—	—	130

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	0.60	0.26	0.05	0.05	0.05	764
Condo/Townhouse	0.50	0.21	0.04	0.04	0.04	641
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.10	0.47	0.09	0.09	0.09	1,405
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	0.60	0.26	0.05	0.05	0.05	764
Condo/Townhouse	0.50	0.21	0.04	0.04	0.04	641
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.10	0.47	0.09	0.09	0.09	1,405
Annual	—	—	—	—	—	—
Single Family Housing	0.11	0.05	0.01	0.01	0.01	126
Condo/Townhouse	0.09	0.04	0.01	0.01	0.01	106
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.09	0.02	0.02	0.02	233

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.08	8.23	< 0.005	< 0.005	< 0.005	22.1
Total	0.08	8.23	< 0.005	< 0.005	< 0.005	22.1
Daily, Winter (Max)	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Total	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.01	1.03	< 0.005	< 0.005	< 0.005	2.50
Total	0.01	1.03	< 0.005	< 0.005	< 0.005	2.50

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	37.9
Condo/Townhouse	—	—	—	—	—	45.8
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	83.8
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	37.9
Condo/Townhouse	—	—	—	—	—	45.8
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	83.8
Annual	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	6.28
Condo/Townhouse	—	—	—	—	—	7.59
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	13.9

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	92.5
Condo/Townhouse	—	—	—	—	—	116
Other Asphalt Surfaces	—	—	—	—	—	0.00

Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	208
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	92.5
Condo/Townhouse	—	—	—	—	—	116
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	208
Annual	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	15.3
Condo/Townhouse	—	—	—	—	—	19.1
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	34.5

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	0.78
Condo/Townhouse	—	—	—	—	—	1.14
Total	—	—	—	—	—	1.92
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	0.78
Condo/Townhouse	—	—	—	—	—	1.14
Total	—	—	—	—	—	1.92

Annual	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	0.13
Condo/Townhouse	—	—	—	—	—	0.19
Total	—	—	—	—	—	0.32

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Emergency Generator	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21
Fire Pump	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21
Total	0.09	0.10	0.01	0.01	0.01	8.42
Daily, Winter (Max)	—	—	—	—	—	—
Emergency Generator	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21

Fire Pump	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21
Total	0.09	0.10	0.01	0.01	0.01	8.42
Annual	—	—	—	—	—	—
Emergency Generator	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.38
Fire Pump	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.10
Total	0.01	0.01	< 0.005	< 0.005	< 0.005	0.48

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	NOx	CO	PM10E	PM10T	PM2.5T	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	NOx	CO	PM10E	PM10T	PM2.5T	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	NOx	CO	PM10E	PM10T	PM2.5T	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	6/1/2026	9/11/2026	5.00	75.0	—
Site Preparation	Site Preparation	9/12/2026	9/25/2026	5.00	10.0	—
Grading	Grading	9/26/2026	10/23/2026	5.00	20.0	—
Building Construction	Building Construction	10/24/2026	9/10/2027	5.00	230	—
Paving	Paving	9/11/2027	10/8/2027	5.00	20.0	—
Architectural Coating	Architectural Coating	10/9/2027	11/12/2027	5.00	25.0	—

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	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Crushing/Proc. Equipment	Diesel	Average	1.00	8.00	200	0.60
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Site Preparation	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	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	17.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	126	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	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	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	269	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	82.1	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	15.5	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	16.4	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	543,567	181,189	0.00	0.00	8,416

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	37,698	—
Site Preparation	—	—	35.0	0.00	—
Grading	—	43,000	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	3.90

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.68	0%
Condo/Townhouse	—	0%
Other Asphalt Surfaces	2.86	100%
Parking Lot	0.36	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	346	0.03	< 0.005
2026	0.00	346	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	585	588	526	210,491	5,004	5,031	4,500	1,801,690
Condo/Townhouse	559	378	320	182,246	4,788	3,232	2,742	1,559,926
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	62
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Condo/Townhouse	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	83
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
543566.7	181,189	0.00	0.00	8,416

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	427,499	346	0.0330	0.0040	2,376,791
Condo/Townhouse	381,150	346	0.0330	0.0040	1,994,520
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Parking Lot	13,737	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	2,326,590	730,736
Condo/Townhouse	3,114,629	0.00
Other Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	49.1	—
Condo/Townhouse	61.3	—
Other Asphalt Surfaces	0.00	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Condo/Townhouse	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Condo/Townhouse	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	1.00	1.00	200	5.00	0.73
Fire Pump	Diesel	1.00	1.00	50.0	5.00	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

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	10.5	annual days of extreme heat
Extreme Precipitation	4.00	annual days with precipitation above 20 mm
Sea Level Rise	—	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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	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	59.7

AQ-PM	71.2
AQ-DPM	18.7
Drinking Water	42.0
Lead Risk Housing	44.5
Pesticides	0.00
Toxic Releases	87.0
Traffic	31.6
Effect Indicators	—
CleanUp Sites	4.12
Groundwater	42.1
Haz Waste Facilities/Generators	40.1
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	21.7
Cardio-vascular	14.9
Low Birth Weights	4.08
Socioeconomic Factor Indicators	—
Education	24.1
Housing	40.9
Linguistic	12.3
Poverty	12.4
Unemployment	9.72

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	77.05633261
Employed	68.38188118
Median HI	78.01873476
Education	—
Bachelor's or higher	79.13512126
High school enrollment	24.48351084
Preschool enrollment	85.28166303
Transportation	—
Auto Access	49.51879892
Active commuting	8.161170281
Social	—
2-parent households	67.7659438
Voting	73.97664571
Neighborhood	—
Alcohol availability	89.13127165
Park access	61.41408957
Retail density	54.66444245
Supermarket access	60.86231233
Tree canopy	37.84165277
Housing	—
Homeownership	93.09636854
Housing habitability	34.8646221
Low-inc homeowner severe housing cost burden	40.02309765
Low-inc renter severe housing cost burden	13.69177467
Uncrowded housing	78.31387142
Health Outcomes	—
Insured adults	89.3750802
Arthritis	0.0

Asthma ER Admissions	76.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	72.0
Cognitively Disabled	8.5
Physically Disabled	43.7
Heart Attack ER Admissions	85.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	59.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	78.7
Elderly	8.3
English Speaking	71.4
Foreign-born	11.8

Outdoor Workers	90.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	59.7
Traffic Density	57.4
Traffic Access	23.0
Other Indices	—
Hardship	18.0
Other Decision Support	—
2016 Voting	90.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	8.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted values per site plan.
Construction: Construction Phases	Extended demolition phase to due to extent of demolition required. Extended architectural coating phase due to proposed number of buildings
Construction: Off-Road Equipment	Conservatively assumed all equipment would run 8 hours a day. Replaced tractors/loaders/backhoes with crawler tractor to accurately assess site disturbance. Included 1 diesel crushing equipment to account for crushing during demolition phase. Included 1 "other construction equipment" to account for a woodchipper during the site preparation phase.
Construction: Off-Road Equipment EF	Input emissions factors for diesel crushing equipment using EMFAC OFFROAD2021 values for Orange County subarea, 2026.
Operations: Vehicle Data	Adjusted weekday, Saturday, and Sunday trip rates to ITE 11th edition rates (Land use codes 210 and 220).
Operations: Emergency Generators and Fire Pumps	Included proposed generator and fire pump information from Project Applicant.
Operations: Hearths	No proposed fireplaces.

APPENDIX A.2 – CALEEMOD OUTPUT FOR MITIGATED PROJECT CONSTRUCTION

25-011 Proposed Cypress Grove Project PM10E Tier 4 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	25-011 Proposed Cypress Grove Project PM10E Tier 4
Construction Start Date	6/1/2026
Operational Year	2027
Lead Agency	City of Tustin
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	2.20
Location	33.758903885169794, -117.82133906390618
County	Orange
City	Tustin
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5969
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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	62.0	Dwelling Unit	3.56	108,732	46,131	—	185	—

Condo/Townhouse	83.0	Dwelling Unit	1.76	159,696	0.00	—	247	—
Other Asphalt Surfaces	2.86	Acre	2.86	0.00	0.00	—	—	—
Parking Lot	40.0	Space	0.36	0.00	0.00	—	—	—

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.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	31.0	33.2	0.84	9.72	3.52	22,701
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	31.8	29.6	0.79	8.14	3.10	22,661
Average Daily (Max)	—	—	—	—	—	—
Unmit.	6.59	10.5	0.16	2.83	0.75	4,587
Annual (Max)	—	—	—	—	—	—
Unmit.	1.20	1.92	0.03	0.52	0.14	759
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	100	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	100	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—
2026	31.0	33.2	0.84	9.72	3.52	22,701
2027	8.10	20.2	0.30	1.46	0.52	4,203
Daily - Winter (Max)	—	—	—	—	—	—
2026	31.8	29.6	0.79	8.14	3.10	22,661
2027	8.13	19.6	0.30	1.46	0.52	4,148
Average Daily	—	—	—	—	—	—
2026	6.59	10.1	0.16	2.83	0.75	4,587
2027	4.50	10.5	0.14	0.76	0.28	2,181
Annual	—	—	—	—	—	—
2026	1.20	1.84	0.03	0.52	0.14	759
2027	0.82	1.92	0.03	0.14	0.05	361

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	3.63	36.4	0.15	7.09	1.91	9,993
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	3.76	26.3	0.14	7.09	1.90	9,671
Average Daily (Max)	—	—	—	—	—	—
Unmit.	3.62	30.8	0.14	6.64	1.78	9,315
Annual (Max)	—	—	—	—	—	—
Unmit.	0.66	5.63	0.02	1.21	0.33	1,542

Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Annual)	—	—	—	—	—	—
Threshold	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Mobile	2.36	27.6	0.04	6.99	1.80	7,479
Area	0.08	8.23	< 0.005	< 0.005	< 0.005	22.1
Energy	1.10	0.47	0.09	0.09	0.09	2,189
Water	—	—	—	—	—	83.8
Waste	—	—	—	—	—	208
Refrig.	—	—	—	—	—	1.92
Stationary	0.09	0.10	0.01	0.01	0.01	8.42
Total	3.63	36.4	0.15	7.09	1.91	9,993
Daily, Winter (Max)	—	—	—	—	—	—
Mobile	2.57	25.7	0.04	6.99	1.80	7,179
Area	0.00	0.00	0.00	0.00	0.00	0.00
Energy	1.10	0.47	0.09	0.09	0.09	2,189
Water	—	—	—	—	—	83.8
Waste	—	—	—	—	—	208

Refrig.	—	—	—	—	—	1.92
Stationary	0.09	0.10	0.01	0.01	0.01	8.42
Total	3.76	26.3	0.14	7.09	1.90	9,671
Average Daily	—	—	—	—	—	—
Mobile	2.43	24.7	0.04	6.55	1.69	6,814
Area	0.05	5.64	< 0.005	< 0.005	< 0.005	15.1
Energy	1.10	0.47	0.09	0.09	0.09	2,189
Water	—	—	—	—	—	83.8
Waste	—	—	—	—	—	208
Refrig.	—	—	—	—	—	1.92
Stationary	0.03	0.03	< 0.005	< 0.005	< 0.005	2.88
Total	3.62	30.8	0.14	6.64	1.78	9,315
Annual	—	—	—	—	—	—
Mobile	0.44	4.51	0.01	1.19	0.31	1,128
Area	0.01	1.03	< 0.005	< 0.005	< 0.005	2.50
Energy	0.20	0.09	0.02	0.02	0.02	362
Water	—	—	—	—	—	13.9
Waste	—	—	—	—	—	34.5
Refrig.	—	—	—	—	—	0.32
Stationary	0.01	0.01	< 0.005	< 0.005	< 0.005	0.48
Total	0.66	5.63	0.02	1.21	0.33	1,542

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	5.31	18.4	0.16	0.16	0.15	3,438
Demolition	—	—	—	6.95	1.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	1.09	3.77	0.03	0.03	0.03	707
Demolition	—	—	—	1.43	0.22	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.20	0.69	0.01	0.01	0.01	117
Demolition	—	—	—	0.26	0.04	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.05	0.92	0.00	0.23	0.05	231
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	10.3	4.55	0.11	2.39	0.75	9,052
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	0.01	0.17	0.00	0.05	0.01	45.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.21	0.94	0.02	0.49	0.15	1,858
Annual	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	7.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.40	0.17	< 0.005	0.09	0.03	308

3.3. Site Preparation (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	13.3	32.2	0.84	0.84	0.77	5,872
Dust From Material Movement	—	—	—	5.66	2.69	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.36	0.88	0.02	0.02	0.02	161
Dust From Material Movement	—	—	—	0.16	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.07	0.16	< 0.005	< 0.005	< 0.005	26.6
Dust From Material Movement	—	—	—	0.03	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.06	1.05	0.00	0.26	0.06	264
Vendor	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
Daily, Winter (Max)	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	6.97
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.15
Vendor	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

3.5. Grading (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	8.96	19.1	0.56	0.56	0.52	3,146
Dust From Material Movement	—	—	—	2.28	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	8.96	19.1	0.56	0.56	0.52	3,146
Dust From Material Movement	—	—	—	2.28	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.49	1.05	0.03	0.03	0.03	172
Dust From Material Movement	—	—	—	0.13	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.09	0.19	0.01	0.01	0.01	28.5
Dust From Material Movement	—	—	—	0.02	0.01	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.05	0.79	0.00	0.20	0.05	198
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	22.0	9.73	0.24	5.10	1.60	19,358
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.68	0.00	0.20	0.05	188
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	22.8	9.81	0.24	5.10	1.60	19,328
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.04	0.00	0.01	< 0.005	10.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.26	0.54	0.01	0.28	0.09	1,060
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.23	0.10	< 0.005	0.05	0.02	175

3.7. Building Construction (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	7.71	15.9	0.29	0.29	0.27	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—

Off-Road Equipment	1.04	2.14	0.04	0.04	0.04	356
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.19	0.39	0.01	0.01	0.01	59.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.29	3.73	0.00	1.07	0.25	1,029
Vendor	0.52	0.25	< 0.005	0.14	0.04	507
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.04	0.52	0.00	0.14	0.03	141
Vendor	0.07	0.03	< 0.005	0.02	0.01	68.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.01	0.10	0.00	0.03	0.01	23.4
Vendor	0.01	0.01	< 0.005	< 0.005	< 0.005	11.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2027) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	7.38	15.9	0.25	0.25	0.23	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—

Off-Road Equipment	7.38	15.9	0.25	0.25	0.23	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	3.65	7.85	0.12	0.12	0.11	1,306
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.67	1.43	0.02	0.02	0.02	216
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.25	4.06	0.00	1.07	0.25	1,066
Vendor	0.48	0.24	< 0.005	0.14	0.04	498
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.25	3.49	0.00	1.07	0.25	1,012
Vendor	0.50	0.24	< 0.005	0.14	0.04	497
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.14	1.80	0.00	0.53	0.12	509
Vendor	0.25	0.12	< 0.005	0.07	0.02	246
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.03	0.33	0.00	0.10	0.02	84.2
Vendor	0.05	0.02	< 0.005	0.01	< 0.005	40.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2027) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	6.94	9.95	0.30	0.30	0.27	1,516
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	6.94	9.95	0.30	0.30	0.27	1,516
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.38	0.55	0.02	0.02	0.02	83.1
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.07	0.10	< 0.005	< 0.005	< 0.005	13.8
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.04	0.74	0.00	0.20	0.05	195
Vendor	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
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.64	0.00	0.20	0.05	185
Vendor	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
Average Daily	—	—	—	—	—	—

Worker	< 0.005	0.04	0.00	0.01	< 0.005	10.3
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.70
Vendor	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

3.13. Architectural Coating (2027) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	1.11	1.50	0.03	0.03	0.02	179
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.08	0.10	< 0.005	< 0.005	< 0.005	12.2
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.02	< 0.005	< 0.005	< 0.005	2.03
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—

Worker	0.05	0.70	0.00	0.21	0.05	202
Vendor	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
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.05	0.00	0.01	< 0.005	14.1
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	2.33
Vendor	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

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	1.21	14.1	0.02	3.58	0.92	3,832
Condo/Townhouse	1.15	13.4	0.02	3.41	0.88	3,647
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.36	27.6	0.04	6.99	1.80	7,479
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	1.31	13.2	0.02	3.58	0.92	3,678
Condo/Townhouse	1.25	12.5	0.02	3.41	0.88	3,501

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.57	25.7	0.04	6.99	1.80	7,179
Annual	—	—	—	—	—	—
Single Family Housing	0.24	2.42	< 0.005	0.64	0.17	605
Condo/Townhouse	0.21	2.09	< 0.005	0.55	0.14	523
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.44	4.51	0.01	1.19	0.31	1,128

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	408
Condo/Townhouse	—	—	—	—	—	364
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	13.1
Total	—	—	—	—	—	785
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	408
Condo/Townhouse	—	—	—	—	—	364
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	13.1
Total	—	—	—	—	—	785
Annual	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	67.5
Condo/Townhouse	—	—	—	—	—	60.2
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	2.17
Total	—	—	—	—	—	130

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	0.60	0.26	0.05	0.05	0.05	764
Condo/Townhouse	0.50	0.21	0.04	0.04	0.04	641
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.10	0.47	0.09	0.09	0.09	1,405
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	0.60	0.26	0.05	0.05	0.05	764
Condo/Townhouse	0.50	0.21	0.04	0.04	0.04	641
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.10	0.47	0.09	0.09	0.09	1,405
Annual	—	—	—	—	—	—
Single Family Housing	0.11	0.05	0.01	0.01	0.01	126
Condo/Townhouse	0.09	0.04	0.01	0.01	0.01	106
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.20	0.09	0.02	0.02	0.02	233

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.08	8.23	< 0.005	< 0.005	< 0.005	22.1
Total	0.08	8.23	< 0.005	< 0.005	< 0.005	22.1
Daily, Winter (Max)	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Total	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.01	1.03	< 0.005	< 0.005	< 0.005	2.50
Total	0.01	1.03	< 0.005	< 0.005	< 0.005	2.50

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	37.9
Condo/Townhouse	—	—	—	—	—	45.8
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	83.8
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	37.9
Condo/Townhouse	—	—	—	—	—	45.8
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	83.8
Annual	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	6.28
Condo/Townhouse	—	—	—	—	—	7.59
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	13.9

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	92.5
Condo/Townhouse	—	—	—	—	—	116
Other Asphalt Surfaces	—	—	—	—	—	0.00

Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	208
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	92.5
Condo/Townhouse	—	—	—	—	—	116
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	208
Annual	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	15.3
Condo/Townhouse	—	—	—	—	—	19.1
Other Asphalt Surfaces	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	0.00
Total	—	—	—	—	—	34.5

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	0.78
Condo/Townhouse	—	—	—	—	—	1.14
Total	—	—	—	—	—	1.92
Daily, Winter (Max)	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	0.78
Condo/Townhouse	—	—	—	—	—	1.14
Total	—	—	—	—	—	1.92

Annual	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	0.13
Condo/Townhouse	—	—	—	—	—	0.19
Total	—	—	—	—	—	0.32

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Emergency Generator	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21
Fire Pump	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21
Total	0.09	0.10	0.01	0.01	0.01	8.42
Daily, Winter (Max)	—	—	—	—	—	—
Emergency Generator	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21

Fire Pump	0.04	0.05	< 0.005	< 0.005	< 0.005	4.21
Total	0.09	0.10	0.01	0.01	0.01	8.42
Annual	—	—	—	—	—	—
Emergency Generator	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.38
Fire Pump	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.10
Total	0.01	0.01	< 0.005	< 0.005	< 0.005	0.48

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Total	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	NOx	CO	PM10E	PM10T	PM2.5T	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	NOx	CO	PM10E	PM10T	PM2.5T	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	NOx	CO	PM10E	PM10T	PM2.5T	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	6/1/2026	9/11/2026	5.00	75.0	—
Site Preparation	Site Preparation	9/12/2026	9/25/2026	5.00	10.0	—
Grading	Grading	9/26/2026	10/23/2026	5.00	20.0	—
Building Construction	Building Construction	10/24/2026	9/10/2027	5.00	230	—
Paving	Paving	9/11/2027	10/8/2027	5.00	20.0	—
Architectural Coating	Architectural Coating	10/9/2027	11/12/2027	5.00	25.0	—

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	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Crushing/Proc. Equipment	Diesel	Tier 4 Final	1.00	8.00	200	0.60
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Site Preparation	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	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	17.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	126	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	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	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	269	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	82.1	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	15.5	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	16.4	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	543,567	181,189	0.00	0.00	8,416

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	37,698	—
Site Preparation	—	—	35.0	0.00	—
Grading	—	43,000	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	3.90

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Single Family Housing	0.68	0%
Condo/Townhouse	—	0%
Other Asphalt Surfaces	2.86	100%
Parking Lot	0.36	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	346	0.03	< 0.005
2026	0.00	346	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	585	588	526	210,491	5,004	5,031	4,500	1,801,690
Condo/Townhouse	559	378	320	182,246	4,788	3,232	2,742	1,559,926
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	62
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Condo/Townhouse	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	83
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
543566.7	181,189	0.00	0.00	8,416

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	427,499	346	0.0330	0.0040	2,376,791
Condo/Townhouse	381,150	346	0.0330	0.0040	1,994,520
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Parking Lot	13,737	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	2,326,590	730,736
Condo/Townhouse	3,114,629	0.00
Other Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	49.1	—
Condo/Townhouse	61.3	—
Other Asphalt Surfaces	0.00	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Condo/Townhouse	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Condo/Townhouse	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	1.00	1.00	200	5.00	0.73
Fire Pump	Diesel	1.00	1.00	50.0	5.00	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

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	10.5	annual days of extreme heat
Extreme Precipitation	4.00	annual days with precipitation above 20 mm
Sea Level Rise	—	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 (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	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	59.7

AQ-PM	71.2
AQ-DPM	18.7
Drinking Water	42.0
Lead Risk Housing	44.5
Pesticides	0.00
Toxic Releases	87.0
Traffic	31.6
Effect Indicators	—
CleanUp Sites	4.12
Groundwater	42.1
Haz Waste Facilities/Generators	40.1
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	21.7
Cardio-vascular	14.9
Low Birth Weights	4.08
Socioeconomic Factor Indicators	—
Education	24.1
Housing	40.9
Linguistic	12.3
Poverty	12.4
Unemployment	9.72

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	77.05633261
Employed	68.38188118
Median HI	78.01873476
Education	—
Bachelor's or higher	79.13512126
High school enrollment	24.48351084
Preschool enrollment	85.28166303
Transportation	—
Auto Access	49.51879892
Active commuting	8.161170281
Social	—
2-parent households	67.7659438
Voting	73.97664571
Neighborhood	—
Alcohol availability	89.13127165
Park access	61.41408957
Retail density	54.66444245
Supermarket access	60.86231233
Tree canopy	37.84165277
Housing	—
Homeownership	93.09636854
Housing habitability	34.8646221
Low-inc homeowner severe housing cost burden	40.02309765
Low-inc renter severe housing cost burden	13.69177467
Uncrowded housing	78.31387142
Health Outcomes	—
Insured adults	89.3750802
Arthritis	0.0

Asthma ER Admissions	76.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	72.0
Cognitively Disabled	8.5
Physically Disabled	43.7
Heart Attack ER Admissions	85.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	59.5
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	78.7
Elderly	8.3
English Speaking	71.4
Foreign-born	11.8

Outdoor Workers	90.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	59.7
Traffic Density	57.4
Traffic Access	23.0
Other Indices	—
Hardship	18.0
Other Decision Support	—
2016 Voting	90.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	8.00
Healthy Places Index Score for Project Location (b)	79.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted values per site plan.
Construction: Construction Phases	Extended demolition phase to due to extent of demolition required. Extended architectural coating phase due to proposed number of buildings
Construction: Off-Road Equipment	Conservatively assumed all equipment would run 8 hours a day. Replaced tractors/loaders/backhoes with crawler tractor to accurately assess site disturbance. Included 1 diesel crushing equipment to account for crushing during demolition phase. Included 1 "other construction equipment" to account for a woodchipper during the site preparation phase.
Construction: Off-Road Equipment EF	Input emissions factors for diesel crushing equipment using EMFAC OFFROAD2021 values for Orange County subarea, 2026.
Operations: Vehicle Data	Adjusted weekday, Saturday, and Sunday trip rates to ITE 11th edition rates (Land use codes 210 and 220).
Operations: Emergency Generators and Fire Pumps	Included proposed generator and fire pump information from Project Applicant.
Operations: Hearths	No proposed fireplaces.

APPENDIX B.1 – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/27/2025
** File: C:\Lakes\AERMOD View\25_011_Cypress_Con\25_011_Cypress_Con.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD
View\25_011_Cypress_Con\25_011_Cypress_Con.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 3136000 Orange_County_Population
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 25_011_Cypress_Con.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   423839.784  3735819.287       50.060
** DESCRSRC Project Site Area source
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: Project Site to Main Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.1782E-09
** Nodes = 6
** 423995.998, 3735728.554, 49.46, 2.64
** 423831.613, 3735728.554, 49.45, 2.64
** 423831.614, 3735837.247, 50.33, 2.64
** 423408.242, 3735828.198, 51.83, 2.64
** 423213.812, 3735835.676, 52.51, 2.64
** 423111.362, 3735835.676, 54.32, 2.64
```

```
** ------------------------------------------------------------------------
   LOCATION A0000001     AREA     423995.998 3735736.554 49.55
   LOCATION A0000002     AREA     423913.805 3735736.554 50.28
   LOCATION A0000003     AREA     423839.613 3735728.554 49.36
   LOCATION A0000004     AREA     423831.443 3735845.245 50.20
   LOCATION A0000005     AREA     423690.319 3735842.229 50.84
   LOCATION A0000006     AREA     423549.195 3735839.212 51.47
   LOCATION A0000007     AREA     423408.550 3735836.192 51.67
   LOCATION A0000008     AREA     423311.335 3735839.931 52.24
   LOCATION A0000009     AREA     423213.812 3735843.676 52.47
** End of LINE AREA Source ID = OFFS1
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS2
** DESCRSRC Offiste 2: NB 55
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.3118E-09
** Nodes = 10
** 423110.031, 3735838.675, 54.32, 2.64
** 423089.731, 3735853.509, 54.30, 2.64
** 423084.266, 3735860.926, 53.65, 2.64
** 423080.753, 3735877.321, 52.62, 2.64
** 423084.266, 3735958.128, 52.92, 2.64
** 423083.485, 3735999.508, 53.29, 2.64
** 423083.095, 3736017.465, 53.76, 2.64
** 423078.411, 3736118.962, 54.63, 2.64
** 423070.213, 3736198.207, 55.88, 2.64
** 423066.699, 3736245.052, 56.39, 2.64
** ------------------------------------------------------------------------
   LOCATION A0000010     AREA     423112.833 3735842.510 54.31
   LOCATION A0000011     AREA     423093.555 3735856.326 53.82
   LOCATION A0000012     AREA     423088.911 3735861.921 54.03
   LOCATION A0000013     AREA     423085.498 3735877.115 53.89
   LOCATION A0000014     AREA     423089.015 3735958.218 53.48
   LOCATION A0000015     AREA     423088.234 3735999.611 53.69
   LOCATION A0000016     AREA     423087.840 3736017.684 53.83
   LOCATION A0000017     AREA     423085.498 3736068.432 54.29
   LOCATION A0000018     AREA     423083.135 3736119.451 54.71
   LOCATION A0000019     AREA     423074.949 3736198.563 55.78
** End of LINE AREA Source ID = OFFS2
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS3
** DESCRSRC Offsite 3: SB 55
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.3119E-09
** Nodes = 14
** 423109.698, 3735835.564, 54.46, 2.64
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** 422927.576, 3735839.704, 54.17, 2.64
** 422923.127, 3735828.262, 54.03, 2.64
** 422912.956, 3735790.122, 53.23, 2.64
** 422914.863, 3735769.145, 52.86, 2.64
** 422918.041, 3735757.702, 52.56, 2.64
** 422933.933, 3735728.461, 50.80, 2.64
** 422965.717, 3735671.886, 46.85, 2.64
** 422977.795, 3735643.281, 45.93, 2.64
** 422982.244, 3735628.025, 45.54, 2.64
** 422986.058, 3735612.768, 45.26, 2.64
** 422986.694, 3735569.543, 45.75, 2.64
** 422984.151, 3735497.076, 45.31, 2.64
** 422989.873, 3735478.005, 45.16, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000020     AREA     423109.806 3735840.312 54.38
   LOCATION A0000021     AREA     423018.745 3735842.383 47.22
   LOCATION A0000022     AREA     422923.149 3735841.426 54.25
   LOCATION A0000023     AREA     422918.537 3735829.486 54.05
   LOCATION A0000024     AREA     422908.225 3735789.692 53.21
   LOCATION A0000025     AREA     422910.286 3735767.873 52.74
   LOCATION A0000026     AREA     422913.868 3735755.434 52.43
   LOCATION A0000027     AREA     422929.792 3735726.135 51.18
   LOCATION A0000028     AREA     422961.341 3735670.039 48.71
   LOCATION A0000029     AREA     422973.235 3735641.951 46.62
   LOCATION A0000030     AREA     422977.636 3735626.873 47.32
   LOCATION A0000031     AREA     422981.309 3735612.699 45.94
   LOCATION A0000032     AREA     422981.947 3735569.709 45.81
   LOCATION A0000033     AREA     422979.602 3735495.711 46.36
** End of LINE AREA Source ID = OFFS3
** Source Parameters **
   SRCPARAM PAREA1        2.42E-07     5.000         4
   AREAVERT PAREA1       423839.784 3735819.287 424031.121 3735823.071
   AREAVERT PAREA1       424029.605 3735636.728 423839.668 3735636.082
** LINE AREA Source ID = OFFS1
   SRCPARAM A0000001     1.1782E-09     2.644    82.192    16.000
180.000     2.459
   SRCPARAM A0000002     1.1782E-09     2.644    82.192    16.000
180.000     2.459
   SRCPARAM A0000003     1.1782E-09     2.644   108.692    16.000   -
89.999     2.459
   SRCPARAM A0000004     1.1782E-09     2.644   141.156    16.000
178.776     2.459
   SRCPARAM A0000005     1.1782E-09     2.644   141.156    16.000
178.776     2.459
   SRCPARAM A0000006     1.1782E-09     2.644   141.156    16.000
178.776     2.459
   SRCPARAM A0000007     1.1782E-09     2.644    97.287    16.000  -
177.797     2.459
   SRCPARAM A0000008     1.1782E-09     2.644    97.287    16.000  -
177.797     2.459
   SRCPARAM A0000009     1.1782E-09     2.644   102.450    16.000
180.000     2.459
** ----------------------------------------------------------------------
** LINE AREA Source ID = OFFS2
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   SRCPARAM A0000010     1.3118E-09     2.644    25.142     9.500  -
143.842     2.459
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126.384     2.459
   SRCPARAM A0000012     1.3118E-09     2.644    16.768     9.500  -
102.095     2.459
   SRCPARAM A0000013     1.3118E-09     2.644    80.883     9.500   -
87.510     2.459
   SRCPARAM A0000014     1.3118E-09     2.644    41.387     9.500   -
91.081     2.459
   SRCPARAM A0000015     1.3118E-09     2.644    17.961     9.500   -
91.245     2.459
   SRCPARAM A0000016     1.3118E-09     2.644    50.802     9.500   -
92.643     2.459
   SRCPARAM A0000017     1.3118E-09     2.644    50.802     9.500   -
92.643     2.459
   SRCPARAM A0000018     1.3118E-09     2.644    79.668     9.500   -
95.906     2.459
   SRCPARAM A0000019     1.3118E-09     2.644    46.976     9.500   -
94.289     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = OFFS3
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178.697     2.459
   SRCPARAM A0000021     1.3119E-09     2.644    91.084     9.500  -
178.697     2.459
   SRCPARAM A0000022     1.3119E-09     2.644    12.277     9.500
111.251     2.459
   SRCPARAM A0000023     1.3119E-09     2.644    39.473     9.500
104.931     2.459
   SRCPARAM A0000024     1.3119E-09     2.644    21.064     9.500
84.806     2.459
   SRCPARAM A0000025     1.3119E-09     2.644    11.875     9.500
74.476     2.459
   SRCPARAM A0000026     1.3119E-09     2.644    33.280     9.500
61.477     2.459
   SRCPARAM A0000027     1.3119E-09     2.644    64.892     9.500
60.673     2.459
   SRCPARAM A0000028     1.3119E-09     2.644    31.051     9.500
67.109     2.459
   SRCPARAM A0000029     1.3119E-09     2.644    15.892     9.500
73.740     2.459
   SRCPARAM A0000030     1.3119E-09     2.644    15.726     9.500
75.964     2.459
   SRCPARAM A0000031     1.3119E-09     2.644    43.231     9.500
89.157     2.459
   SRCPARAM A0000032     1.3119E-09     2.644    72.512     9.500
92.010     2.459
   SRCPARAM A0000033     1.3119E-09     2.644    19.910     9.500
73.301     2.459
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
```

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** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000001     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000002     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000003     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000004     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000005     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000006     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000007     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000008     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000009     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000010     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000011     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000012     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000013     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000014     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000015     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000016     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000017     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT A0000018     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000019     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000020     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000021     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000022     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000023     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000024     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000025     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000026     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000027     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000028     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000029     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000030     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000031     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000032     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000033     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED 25_011_Cypress_Con.rou
RE FINISHED
```

```
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.SFC"
   PROFFILE "..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.PFL"
   SURFDATA 93184 2012 John_Wayne_Airport
   UAIRDATA 3190 2012
   PROFBASE 17.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST 25_011_Cypress_Con.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL 25_011_Cypress_Con.AD\PE00GALL.PLT 32
   SUMMFILE 25_011_Cypress_Con.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     627       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
 ME W187     627       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

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

```
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD
View\25_011_Cypress_Con\25_011_Cypress_Con.isc      ***       03/27/25
 *** AERMET - VERSION  16216 ***   ***
***        11:05:29

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    34
Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3136000.0 ;  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:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     34 Source(s);       1 Source Group(s); and
1630 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:     34 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) =    17.00 ;
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:   25_011_Cypress_Con.err
 **File for Summary of Results:   25_011_Cypress_Con.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM (METERS)	Y-DIM (METERS)	ORIENT. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.11782E-08	423996.0	3735736.6	49.5	2.64	82.19	16.00	180.00	2.46	YES	HRDOW	NO
A0000002	0	0.11782E-08	423913.8	3735736.6	50.3	2.64	82.19	16.00	180.00	2.46	YES	HRDOW	NO
A0000003	0	0.11782E-08	423839.6	3735728.6	49.4	2.64	108.69	16.00	-90.00	2.46	YES	HRDOW	NO
A0000004	0	0.11782E-08	423831.4	3735845.2	50.2	2.64	141.16	16.00	178.78	2.46	YES	HRDOW	NO
A0000005	0	0.11782E-08	423690.3	3735842.2	50.8	2.64	141.16	16.00	178.78	2.46	YES	HRDOW	NO
A0000006	0	0.11782E-08	423549.2	3735839.2	51.5	2.64	141.16	16.00	178.78	2.46	YES	HRDOW	NO
A0000007	0	0.11782E-08	423408.5	3735836.2	51.7	2.64	97.29	16.00	-177.80	2.46	YES	HRDOW	NO
A0000008	0	0.11782E-08	423311.3	3735839.9	52.2	2.64	97.29	16.00	-177.80	2.46	YES	HRDOW	NO
A0000009	0	0.11782E-08	423213.8	3735843.7	52.5	2.64	102.45	16.00	180.00	2.46	YES	HRDOW	NO
A0000010	0	0.13118E-08	423112.8	3735842.5	54.3	2.64	25.14	9.50	-143.84	2.46	YES	HRDOW	NO
A0000011	0	0.13118E-08	423093.6	3735856.3	53.8	2.64	9.21	9.50	-126.38	2.46	YES	HRDOW	NO
A0000012	0	0.13118E-08	423088.9	3735861.9	54.0	2.64	16.77	9.50	-102.09	2.46	YES	HRDOW	NO
A0000013	0	0.13118E-08	423085.5	3735877.1	53.9	2.64	80.88	9.50	-87.51	2.46	YES	HRDOW	NO
A0000014	0	0.13118E-08	423089.0	3735958.2	53.5	2.64	41.39	9.50	-91.08	2.46	YES	HRDOW	NO
A0000015	0	0.13118E-08	423088.2	3735999.6	53.7	2.64	17.96	9.50	-91.25	2.46	YES	HRDOW	NO
A0000016	0	0.13118E-08	423087.8	3736017.7	53.8	2.64	50.80	9.50	-92.64	2.46	YES	HRDOW	NO

A0000017		0	0.13118E-08	423085.5	3736068.4	54.3		2.64
50.80	9.50	-92.64	2.46	YES	HRDOW		NO	
A0000018		0	0.13118E-08	423083.1	3736119.5	54.7		2.64
79.67	9.50	-95.91	2.46	YES	HRDOW		NO	
A0000019		0	0.13118E-08	423074.9	3736198.6	55.8		2.64
46.98	9.50	-94.29	2.46	YES	HRDOW		NO	
A0000020		0	0.13119E-08	423109.8	3735840.3	54.4		2.64
91.08	9.50	-178.70	2.46	YES	HRDOW		NO	
A0000021		0	0.13119E-08	423018.7	3735842.4	47.2		2.64
91.08	9.50	-178.70	2.46	YES	HRDOW		NO	
A0000022		0	0.13119E-08	422923.1	3735841.4	54.2		2.64
12.28	9.50	111.25	2.46	YES	HRDOW		NO	
A0000023		0	0.13119E-08	422918.5	3735829.5	54.0		2.64
39.47	9.50	104.93	2.46	YES	HRDOW		NO	
A0000024		0	0.13119E-08	422908.2	3735789.7	53.2		2.64
21.06	9.50	84.81	2.46	YES	HRDOW		NO	
A0000025		0	0.13119E-08	422910.3	3735767.9	52.7		2.64
11.88	9.50	74.48	2.46	YES	HRDOW		NO	
A0000026		0	0.13119E-08	422913.9	3735755.4	52.4		2.64
33.28	9.50	61.48	2.46	YES	HRDOW		NO	
A0000027		0	0.13119E-08	422929.8	3735726.1	51.2		2.64
64.89	9.50	60.67	2.46	YES	HRDOW		NO	
A0000028		0	0.13119E-08	422961.3	3735670.0	48.7		2.64
31.05	9.50	67.11	2.46	YES	HRDOW		NO	
A0000029		0	0.13119E-08	422973.2	3735642.0	46.6		2.64
15.89	9.50	73.74	2.46	YES	HRDOW		NO	
A0000030		0	0.13119E-08	422977.6	3735626.9	47.3		2.64
15.73	9.50	75.96	2.46	YES	HRDOW		NO	
A0000031		0	0.13119E-08	422981.3	3735612.7	45.9		2.64
43.23	9.50	89.16	2.46	YES	HRDOW		NO	
A0000032		0	0.13119E-08	422981.9	3735569.7	45.8		2.64
72.51	9.50	92.01	2.46	YES	HRDOW		NO	
A0000033		0	0.13119E-08	422979.6	3735495.7	46.4		2.64
19.91	9.50	73.30	2.46	YES	HRDOW		NO	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

NUMBER SOURCE ID	NUMBER EMISSION RATE INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	AIRCRAFT SZ	EMISSION RATE SCALAR VARY BY
PAREA1	0		0.24200E-06	423839.8	3735819.3	50.1	5.00	4	0.00	YES HRDOW

NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 , A0000033 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	3136000.	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 ,
		A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
		A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 ,
		A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 ,
		A0000032 , A0000033 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000001 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000002 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000003 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000004 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000005 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000006 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000007 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000008 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000009 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000010 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000011 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000012 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000013 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000014 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000015 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000016 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000017 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000018 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000019 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000020 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000021 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000022 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000024 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000025 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000026 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000028 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000029 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000030 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000031 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000032 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000033 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

422622.5, 422672.5, 422722.5, 422772.5, 422822.5, 422872.5, 422922.5, 422972.5, 423022.5, 423072.5,
423122.5, 423172.5, 423222.5, 423272.5, 423322.5, 423372.5, 423422.5, 423472.5, 423522.5, 423572.5,
423622.5, 423672.5, 423722.5, 423772.5, 423822.5, 423872.5, 423922.5, 423972.5, 424022.5, 424072.5,
424122.5, 424172.5, 424222.5, 424272.5, 424322.5, 424372.5, 424422.5, 424472.5, 424522.5, 424572.5,

*** Y-COORDINATES OF GRID ***
(METERS)

3734919.6, 3734969.6, 3735019.6, 3735069.6, 3735119.6, 3735169.6, 3735219.6, 3735269.6, 3735319.6, 3735369.6,
3735419.6, 3735469.6, 3735519.6, 3735569.6, 3735619.6, 3735669.6, 3735719.6, 3735769.6, 3735819.6, 3735869.6,
3735919.6, 3735969.6, 3736019.6, 3736069.6, 3736119.6, 3736169.6, 3736219.6, 3736269.6, 3736319.6, 3736369.6,
3736419.6, 3736469.6, 3736519.6, 3736569.6, 3736619.6, 3736669.6, 3736719.6, 3736769.6, 3736819.6, 3736869.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	422622.45	422672.45	422722.45	422772.45	422822.45	422872.45	422922.45	422972.45	423022.45
3736869.57	59.20	59.80	59.70	59.90	60.10	60.20	60.30	60.30	60.50
3736819.57	58.70	59.10	58.80	58.90	59.00	59.50	59.90	60.10	60.10
3736769.57	58.40	59.00	58.70	58.80	58.80	59.10	59.50	59.90	59.50
3736719.57	58.30	59.00	58.30	58.50	58.70	58.90	59.00	59.70	58.80
3736669.57	58.00	58.00	58.10	58.20	58.40	58.90	60.10	60.90	58.70
3736619.57	57.80	57.90	58.10	58.00	58.10	58.10	57.80	58.00	58.10
3736569.57	57.50	58.00	57.10	57.20	57.50	57.00	57.10	57.30	57.70
3736519.57	57.20	57.10	57.30	57.00	57.40	57.20	57.50	57.10	57.40
3736469.57	56.90	57.30	57.10	56.90	57.40	57.20	57.20	56.70	57.20
3736419.57	56.80	57.20	56.40	56.50	56.20	56.60	56.70	56.40	56.90
3736369.57	56.50	57.00	56.10	56.10	56.20	56.40	56.60	56.00	56.80
3736319.57	56.50	56.40	55.90	55.70	55.70	56.00	56.40	55.60	56.50
3736269.57	56.20	56.30	56.00	56.10	55.70	55.80	56.00	55.30	56.30
3736219.57	56.00	55.90	55.80	55.20	55.30	55.20	55.50	55.10	56.00
3736169.57	56.00	55.30	55.10	55.00	55.40	54.90	55.00	54.90	55.40
3736119.57	55.50	54.80	55.20	54.90	55.20	54.80	54.90	54.70	54.50

3736069.57	55.10	54.90	55.00	54.70	55.00
54.80	54.80	54.70	53.20		
3736019.57	54.70	54.40	54.20	54.30	54.40
54.40	54.40	54.30	51.70		
3735969.57	54.50	54.40	53.80	53.80	54.00
54.10	54.00	53.90	50.20		
3735919.57	54.20	54.00	53.50	53.20	53.50
53.80	53.80	53.70	48.80		
3735869.57	53.70	53.50	53.30	53.00	53.40
53.40	53.40	53.40	47.50		
3735819.57	53.40	53.30	53.10	53.10	53.20
53.30	53.90	54.40	46.80		
3735769.57	52.40	52.40	52.80	52.90	52.90
53.40	52.20	48.30	46.40		
3735719.57	52.50	52.00	52.40	52.20	51.50
52.30	51.60	47.60	46.20		
3735669.57	51.90	52.50	51.90	51.60	51.90
51.80	52.20	46.80	46.00		
3735619.57	51.40	51.30	51.70	51.80	51.80
51.70	51.60	49.70	45.70		
3735569.57	50.80	51.00	51.50	51.00	51.40
51.10	51.80	51.00	45.40		
3735519.57	50.70	51.00	50.80	50.90	50.80
50.70	51.00	50.70	45.10		
3735469.57	50.60	50.30	50.50	50.50	50.30
50.20	50.60	49.50	44.80		
3735419.57	49.80	50.00	50.30	49.50	49.70
49.90	50.20	47.40	44.50		
3735369.57	50.10	50.20	50.20	49.30	49.50
49.80	50.20	44.20	44.10		
3735319.57	49.20	49.30	49.20	49.20	49.60
49.70	49.90	43.80	43.80		
3735269.57	49.00	49.20	49.30	49.10	50.50
50.60	48.50	43.70	44.80		
3735219.57	47.50	48.80	48.60	49.20	47.80
49.60	50.50	43.40	48.20		
3735169.57	47.70	48.90	48.40	49.30	50.40
50.60	50.30	43.20	48.40		
3735119.57	48.20	48.20	48.00	48.60	47.40
46.20	49.40	43.00	48.60		
3735069.57	47.50	47.70	47.30	48.10	47.40
47.20	48.50	42.80	48.30		
3735019.57	47.60	47.40	47.40	47.70	48.30
48.10	48.40	42.60	47.90		
3734969.57	46.30	47.10	47.00	47.20	47.40
47.80	48.00	42.30	47.80		
3734919.57	45.80	46.70	47.00	47.30	47.50
47.60	44.90	42.00	47.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423072.45	423122.45	423172.45	423222.45	423272.45	423322.45	423372.45	423422.45	423472.45
3736869.57	61.00	59.90	60.40	60.10	60.60	60.10	60.60	60.50	61.00
3736819.57	60.20	59.60	60.20	59.80	60.40	59.90	60.40	59.70	59.10
3736769.57	59.40	59.40	59.60	59.50	59.80	59.60	59.40	59.00	59.40
3736719.57	58.70	59.10	59.40	59.30	59.60	59.60	58.80	58.30	57.40
3736669.57	58.10	60.50	59.60	59.20	58.90	58.80	58.30	57.70	57.90
3736619.57	57.90	58.00	57.80	58.10	58.40	58.60	57.40	56.80	56.10
3736569.57	57.70	58.30	57.30	58.30	57.60	58.30	57.00	56.00	55.40
3736519.57	57.50	57.90	57.00	58.00	57.00	58.20	56.60	55.50	55.10
3736469.57	57.20	57.50	56.60	57.40	56.50	57.50	56.70	55.20	54.90
3736419.57	57.00	57.10	56.30	57.00	56.10	56.90	56.80	54.90	54.20
3736369.57	56.80	56.70	56.00	56.50	55.70	56.20	56.00	54.80	54.10
3736319.57	56.60	56.40	55.70	56.00	55.20	55.20	55.10	54.80	54.10
3736269.57	56.40	56.00	55.90	55.80	55.90	55.60	55.40	54.80	53.90
3736219.57	56.00	54.90	54.70	55.10	55.10	55.30	55.10	54.80	54.00
3736169.57	55.60	54.40	55.20	54.90	54.90	54.80	54.70	54.60	53.90
3736119.57	54.80	54.40	54.40	54.50	54.40	54.40	54.30	53.80	53.30

3736069.57	54.10	53.90	54.00	54.20	53.40
3736019.57	53.60	52.70	53.50	54.40	53.00
3735969.57	53.90	51.30	52.70	53.80	52.70
3735919.57	53.50	50.10	52.30	53.30	52.30
3735869.57	53.00	49.20	52.40	53.00	52.00
3735819.57	52.10	49.10	51.90	54.20	51.70
3735769.57	51.90	46.20	50.90	48.80	51.20
3735719.57	51.20	47.00	51.10	51.20	50.80
3735669.57	51.00	47.50	50.50	51.50	50.20
3735619.57	49.60	48.10	49.50	50.90	49.50
3735569.57	50.10	51.20	49.60	50.90	49.30
3735519.57	49.50	51.10	49.10	50.80	49.00
3735469.57	49.80	50.90	49.80	50.60	49.60
3735419.57	49.30	50.70	49.50	50.20	48.70
3735369.57	48.70	50.30	48.70	50.00	48.50
3735319.57	49.00	50.10	49.00	49.60	48.30
3735269.57	48.40	49.50	48.20	49.40	48.00
3735219.57	47.40	49.40	47.60	49.20	47.10
3735169.57	48.00	49.20	47.40	48.90	46.70
3735119.57	46.50	48.20	46.40	48.40	46.50
3735069.57	47.40	48.20	47.10	48.20	46.20
3735019.57	45.90	47.90	46.40	47.50	45.80
3734969.57	45.90	47.60	45.70	47.50	45.50
3734919.57	45.80	47.30	45.80	47.00	45.20

3736069.57	54.30	54.20	54.10	54.00	53.40
3736019.57	53.80	53.90	53.60	53.50	53.00
3735969.57	53.60	54.00	53.90	52.70	52.60
3735919.57	53.10	53.30	53.50	52.30	52.30
3735869.57	52.80	52.70	53.00	52.40	52.00
3735819.57	52.40	52.20	52.10	51.90	51.70
3735769.57	51.60	51.40	51.90	50.90	51.20
3735719.57	50.90	51.10	51.20	51.10	50.80
3735669.57	51.00	51.00	51.00	50.50	50.20
3735619.57	50.10	49.70	49.60	49.50	49.50
3735569.57	50.40	50.20	50.10	49.60	49.30
3735519.57	50.10	50.00	49.50	49.10	49.00
3735469.57	49.80	49.60	49.80	49.80	49.60
3735419.57	49.50	49.60	49.30	49.50	48.70
3735369.57	49.40	49.20	48.70	48.70	48.50
3735319.57	49.10	48.80	49.00	49.00	48.30
3735269.57	48.50	48.40	48.40	48.20	48.00
3735219.57	48.20	48.00	47.40	47.60	47.10
3735169.57	48.20	48.20	48.00	47.40	46.70
3735119.57	47.70	46.80	46.50	46.40	46.50
3735069.57	47.60	47.70	47.40	47.10	46.20
3735019.57	46.30	46.80	45.90	46.40	45.80
3734969.57	46.70	46.10	45.90	45.70	45.50
3734919.57	46.30	46.10	45.80	45.80	45.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423522.45	423572.45	423622.45	423672.45	423722.45	423772.45	423822.45	423872.45	423922.45
3736869.57	60.90	59.20	60.10	59.50	60.30	59.40	60.40	59.70	60.40
3736819.57	58.90	58.30	59.50	58.90	59.90	59.40	59.70	59.50	60.10
3736769.57	59.30	57.50	58.80	58.40	59.70	59.30	59.40	59.10	59.60
3736719.57	57.30	56.80	57.50	57.80	59.50	58.90	59.00	58.70	59.10
3736669.57	57.70	56.10	57.90	58.00	59.20	58.50	58.70	58.60	58.80
3736619.57	55.80	55.40	57.50	57.90	58.90	58.60	58.70	58.50	58.10
3736569.57	55.20	54.70	57.20	56.70	58.30	57.60	58.00	57.80	57.60
3736519.57	54.80	54.50	56.10	55.50	57.10	56.60	57.20	56.50	56.80
3736469.57	54.70	54.30	55.80	54.60	56.50	55.90	56.50	56.00	56.30
3736419.57	54.40	53.90	55.10	54.20	56.00	55.50	56.10	56.10	56.10
3736369.57	54.30	53.60	54.70	54.10	55.40	54.80	55.40	54.90	55.10
3736319.57	54.20	53.60	54.50	54.00	54.90	54.50	54.80	54.70	54.90
3736269.57	53.70	53.50	54.40	54.40	54.80	54.40	54.40	54.20	54.00
3736219.57	53.40	52.80	53.30	53.00	54.30	53.80	53.70	53.40	53.30
3736169.57	53.40	52.80	53.20	52.50	53.60	53.00	53.50	53.20	53.30
3736119.57	53.40	52.60	52.90	52.30	53.60	52.80	52.90	52.50	52.20

3736069.57	52.60	52.30	52.20	52.30	53.20
52.60	50.60	51.70	51.70		
3736019.57	52.50	52.30	52.20	52.30	51.70
51.50	51.20	50.90	51.70		
3735969.57	52.20	52.10	51.90	52.00	51.60
50.80	50.80	50.60	51.00		
3735919.57	52.00	51.70	51.60	51.80	51.20
50.60	50.60	50.50	50.90		
3735869.57	52.00	52.20	51.30	51.30	51.20
50.40	50.40	50.30	50.80		
3735819.57	51.50	51.30	51.20	51.10	50.80
50.60	50.20	49.90	49.90		
3735769.57	51.10	50.70	50.70	50.10	49.90
49.90	49.70	50.30	49.90		
3735719.57	50.40	50.20	50.50	50.10	49.90
49.80	49.50	49.40	50.40		
3735669.57	50.10	51.00	49.60	49.50	49.30
49.10	49.00	49.70	49.20		
3735619.57	49.80	49.70	49.30	49.00	48.60
48.60	48.60	48.90	48.80		
3735569.57	49.30	49.30	49.20	49.00	48.70
48.70	48.20	48.60	48.60		
3735519.57	47.80	46.80	47.40	48.40	48.20
48.00	47.90	48.20	47.60		
3735469.57	48.00	48.10	48.10	48.00	47.80
47.70	47.60	47.70	47.10		
3735419.57	48.00	48.10	47.60	47.70	47.60
47.50	47.20	47.50	47.90		
3735369.57	47.80	47.70	47.90	48.00	47.60
47.80	46.90	46.50	46.60		
3735319.57	47.50	47.30	47.30	47.40	47.30
47.30	46.60	46.80	46.90		
3735269.57	46.40	46.90	47.10	47.20	47.20
47.10	46.30	46.90	46.70		
3735219.57	46.30	46.50	46.40	46.30	46.30
46.20	45.90	45.90	46.00		
3735169.57	46.20	46.80	46.30	46.30	46.10
46.00	45.60	45.50	45.50		
3735119.57	46.30	46.20	45.90	45.80	45.70
45.50	45.40	44.80	45.10		
3735069.57	46.10	45.90	45.80	45.70	45.60
44.80	45.20	45.40	45.50		
3735019.57	46.00	45.80	45.60	45.50	45.30
44.60	45.00	45.10	45.20		
3734969.57	45.70	45.70	45.60	45.50	45.30
45.30	44.80	44.80	44.60		
3734919.57	45.00	44.80	44.70	44.60	44.60
44.90	44.60	42.20	44.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423972.45	424022.45	424072.45	424122.45	424172.45
3736869.57	59.80	60.00	60.10	60.10	59.70
	59.70	60.40	59.70	60.20	
3736819.57	59.40	60.00	59.50	59.60	59.30
	59.50	59.70	59.30	60.20	
3736769.57	59.00	59.40	59.00	59.20	59.00
	58.90	59.10	59.10	58.90	
3736719.57	58.50	59.00	58.80	58.70	58.60
	58.50	58.70	59.10	59.60	
3736669.57	58.40	58.60	58.50	58.50	58.40
	58.00	58.20	58.30	58.50	
3736619.57	57.90	58.20	58.30	57.90	58.20
	57.90	58.50	58.40	58.50	
3736569.57	57.30	57.60	57.60	58.00	58.30
	58.20	58.20	58.50	58.50	
3736519.57	57.00	57.40	57.10	57.00	57.00
	57.00	57.00	57.00	57.40	
3736469.57	56.20	56.70	56.30	56.30	56.30
	56.50	56.70	56.60	56.30	
3736419.57	56.30	56.30	55.70	55.10	56.10
	55.20	56.00	55.20	56.50	
3736369.57	55.20	55.50	55.30	54.50	55.90
	55.40	54.40	55.70	56.50	
3736319.57	54.80	54.90	54.80	54.00	55.30
	54.10	55.10	54.80	55.70	
3736269.57	54.00	54.30	54.30	53.60	53.90
	54.90	54.40	54.90	56.40	
3736219.57	53.60	53.60	53.70	53.70	54.30
	54.00	54.10	54.50	56.80	
3736169.57	52.60	53.00	53.30	53.70	54.00
	54.00	54.20	54.50	55.90	
3736119.57	51.90	52.40	52.90	53.00	52.90
	53.20	53.20	53.90	55.70	

3736069.57	51.30	51.70	52.20	52.50
52.60	52.90	52.80	53.90	55.20
3736019.57	51.30	51.20	52.10	51.70
52.00	52.10	52.40	54.10	54.90
3735969.57	50.90	50.70	50.80	51.00
51.20	51.70	54.20	53.50	53.90
3735919.57	50.30	50.10	50.50	50.40
50.60	51.30	53.90	53.90	54.40
3735869.57	50.70	49.90	50.90	50.10
50.50	51.50	53.40	53.90	54.10
3735819.57	49.80	49.70	49.40	49.70
50.20	52.40	52.80	53.40	53.40
3735769.57	50.10	49.40	48.60	49.20
49.30	52.40	52.60	52.60	52.80
3735719.57	49.70	49.20	48.30	48.90
49.30	51.90	51.90	52.20	52.10
3735669.57	49.40	49.10	48.20	48.30
49.30	50.30	50.80	51.20	51.50
3735619.57	48.70	48.60	48.50	49.10
50.20	50.60	50.60	51.30	51.50
3735569.57	48.40	48.50	48.40	49.00
50.10	50.20	50.10	50.40	51.00
3735519.57	48.10	47.80	48.20	48.20
49.40	49.80	49.70	49.90	50.60
3735469.57	47.50	47.40	48.00	48.50
48.70	49.30	49.50	49.80	49.70
3735419.57	47.70	47.80	48.00	48.40
48.50	49.00	49.00	49.20	49.50
3735369.57	46.60	46.70	46.90	47.20
47.70	47.90	47.90	48.30	48.80
3735319.57	47.00	47.00	47.30	47.30
47.90	48.00	48.40	48.50	48.80
3735269.57	46.70	46.70	46.90	47.30
47.70	47.10	47.20	47.50	48.00
3735219.57	46.10	46.20	46.30	46.50
46.60	46.70	47.10	47.70	48.00
3735169.57	45.90	46.30	46.30	46.30
46.30	46.50	46.50	46.80	47.10
3735119.57	45.40	46.30	46.10	46.10
46.10	46.40	46.50	46.60	46.90
3735069.57	45.50	45.50	45.70	45.80
45.80	45.70	45.70	45.80	45.80
3735019.57	45.20	45.30	45.30	45.40
45.50	45.60	46.00	46.30	46.10
3734969.57	44.50	44.30	44.40	44.60
44.70	44.90	44.90	45.20	45.50
3734919.57	44.60	44.30	44.50	44.60
44.70	44.40	44.50	45.10	45.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 424422.45	424472.45	424522.45	424572.45
3736869.57	61.00	62.70	63.20	63.10
3736819.57	61.10	62.60	62.40	63.30
3736769.57	60.70	62.10	62.00	62.70
3736719.57	60.60	61.40	62.00	62.10
3736669.57	60.10	61.50	60.90	61.70
3736619.57	60.20	60.90	60.90	60.90
3736569.57	60.00	60.30	60.40	60.40
3736519.57	58.90	59.80	60.40	60.10
3736469.57	58.90	58.90	59.70	60.20
3736419.57	58.40	59.20	59.20	58.30
3736369.57	58.50	58.90	58.40	58.90
3736319.57	58.20	58.20	57.50	58.30
3736269.57	56.70	57.90	57.40	57.30
3736219.57	57.00	57.30	57.30	57.10
3736169.57	56.60	56.70	57.10	56.80
3736119.57	55.90	56.10	56.20	56.60
3736069.57	55.60	55.60	55.90	56.30
3736019.57	55.20	55.20	55.50	55.90
3735969.57	54.90	54.80	54.80	55.50
3735919.57	54.60	54.60	54.60	54.70
3735869.57	54.40	54.30	54.50	53.90
3735819.57	53.30	53.40	54.20	53.70
3735769.57	52.80	53.10	53.50	53.20
3735719.57	52.50	52.60	53.00	52.60
3735669.57	51.80	52.20	52.70	52.10
3735619.57	51.50	51.70	52.00	51.50
3735569.57	51.00	51.10	51.00	50.80
3735519.57	50.50	50.60	50.90	50.30
3735469.57	50.20	49.90	49.80	49.60
3735419.57	49.70	49.50	49.40	49.20
3735369.57	48.70	48.60	48.80	48.70
3735319.57	48.80	48.40	48.20	48.10
3735269.57	48.00	47.70	47.70	47.70
3735219.57	47.90	47.50	47.20	47.20

3735169.57	47.30	47.30	46.80	46.80
3735119.57	47.00	46.50	46.50	46.40
3735069.57	45.90	45.90	45.90	45.90
3735019.57	46.10	45.90	45.70	45.50
3734969.57	45.60	45.50	45.40	45.20
3734919.57	45.70	45.70	45.50	44.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	422622.45	422672.45	422722.45	422772.45	422822.45
3736869.57	59.20	59.80	59.70	59.90	60.10
3736819.57	58.70	59.10	58.80	58.90	59.00
3736769.57	58.40	59.00	58.70	58.80	58.80
3736719.57	58.30	59.00	58.30	58.50	58.70
3736669.57	58.00	58.00	58.10	58.20	58.40
3736619.57	57.80	57.90	58.10	58.00	58.10
3736569.57	57.50	58.00	57.10	57.20	57.50
3736519.57	57.20	57.10	57.30	57.00	57.40
3736469.57	56.90	57.30	57.10	56.90	57.40
3736419.57	56.80	57.20	56.40	56.50	56.20
3736369.57	56.50	57.00	56.10	56.10	56.20
3736319.57	56.50	56.40	55.90	55.70	55.70
3736269.57	56.20	56.30	56.00	56.10	55.70
3736219.57	56.00	55.90	55.80	55.20	55.30
3736169.57	56.00	55.30	55.10	55.00	55.40
3736119.57	55.50	54.80	55.20	54.90	55.20

Y-COORD (METERS)	X-COORD (METERS)				
	422622.45	422672.45	422722.45	422772.45	422822.45
	60.20	60.30	60.30	60.50	
	59.50	59.90	60.10	60.10	
	59.10	59.50	59.90	59.50	
	58.90	59.00	59.70	65.70	
	62.00	65.10	65.90	65.90	
	62.40	65.70	65.90	65.90	
	57.00	57.10	65.80	65.80	
	57.20	57.50	57.10	57.40	
	57.20	57.20	56.70	57.20	
	56.60	56.70	56.40	56.90	
	56.40	56.60	56.00	56.80	
	55.70	56.40	55.60	56.50	
	55.80	56.00	55.30	56.30	
	55.20	55.50	55.10	56.00	
	54.90	55.00	54.90	55.40	
	54.80	54.90	54.70	54.50	

3736069.57	55.10	54.90	55.00	54.70	55.00
54.80	54.80	54.70	54.40		
3736019.57	54.70	54.40	54.20	54.30	54.40
54.40	54.40	54.30	54.10		
3735969.57	54.50	54.40	53.80	53.80	54.00
54.10	54.00	53.90	54.20		
3735919.57	54.20	54.00	53.50	53.20	53.50
53.80	53.80	53.70	54.10		
3735869.57	53.70	53.50	53.30	53.00	53.40
53.40	53.40	53.40	54.80		
3735819.57	53.40	53.30	53.10	53.10	53.20
53.30	53.90	54.40	54.80		
3735769.57	52.40	52.40	52.80	52.90	52.90
53.40	52.90	54.80	54.80		
3735719.57	52.50	52.00	52.40	52.20	51.90
52.30	51.60	52.00	46.20		
3735669.57	51.90	52.50	51.90	51.60	51.90
51.80	52.20	52.50	46.00		
3735619.57	51.40	51.30	51.70	51.80	51.80
51.70	51.60	52.20	51.60		
3735569.57	50.80	51.00	51.50	51.00	51.40
51.10	51.80	51.00	51.50		
3735519.57	50.70	51.00	50.80	50.90	50.80
50.70	51.00	50.70	51.40		
3735469.57	50.60	50.30	50.50	50.50	50.30
50.20	50.60	51.00	51.10		
3735419.57	49.80	50.00	50.30	49.50	49.70
49.90	50.20	50.80	50.90		
3735369.57	50.10	50.20	50.20	49.30	49.50
49.80	50.20	50.70	50.60		
3735319.57	49.20	49.30	49.20	49.20	49.60
49.70	49.90	50.30	50.50		
3735269.57	49.00	49.20	49.30	49.10	50.50
50.60	50.80	50.80	50.40		
3735219.57	48.30	48.80	48.60	49.20	50.50
50.30	50.50	50.70	49.40		
3735169.57	48.70	48.90	48.40	49.30	50.40
50.60	50.30	50.70	49.50		
3735119.57	48.20	48.20	48.00	48.60	50.70
50.80	49.40	50.60	48.60		
3735069.57	47.50	47.70	47.30	48.10	48.40
48.20	48.50	49.70	48.30		
3735019.57	47.60	47.40	47.40	47.70	48.30
48.10	48.40	48.70	47.90		
3734969.57	46.30	47.10	47.00	47.20	47.40
47.80	48.00	48.30	47.80		
3734919.57	45.80	46.70	47.00	47.30	47.50
47.60	47.90	48.00	47.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	423072.45	423122.45	423172.45	423222.45	423272.45	423322.45	423372.45	423422.45	423472.45
3736869.57	61.00	59.90	60.40	60.10	60.10	60.60	60.50	61.00		
3736819.57	60.20	59.60	60.20	59.80	60.40	59.90	59.70	59.10		
3736769.57	59.40	59.40	59.60	59.50	59.80	59.60	59.90	59.40		
3736719.57	58.70	59.10	59.40	59.30	59.60	59.60	58.30	57.40		
3736669.57	65.90	64.80	62.90	59.20	58.90	58.80	57.70	57.90		
3736619.57	65.90	64.80	64.50	58.10	58.40	58.60	56.80	57.00		
3736569.57	57.70	58.30	57.30	58.30	57.60	58.30	56.00	55.40		
3736519.57	57.50	57.90	57.00	58.00	57.00	58.20	55.50	55.10		
3736469.57	57.20	57.50	56.60	57.40	56.50	57.50	55.20	54.90		
3736419.57	57.00	57.10	56.30	57.00	56.10	56.90	54.90	54.20		
3736369.57	56.80	56.70	56.00	56.50	55.70	56.20	54.80	54.10		
3736319.57	56.60	56.40	55.70	56.00	55.20	55.20	54.80	54.10		
3736269.57	56.40	56.00	55.90	55.80	55.90	55.60	54.80	53.90		
3736219.57	56.00	54.90	54.70	55.10	55.10	55.30	54.80	54.00		
3736169.57	55.60	54.40	55.20	54.90	54.90	54.80	54.60	53.90		
3736119.57	54.80	54.40	54.40	54.50	54.40	54.40	53.80	53.30		

3736069.57	53.90	54.20	54.40	54.30	54.20
54.10	54.00	53.40	53.00		
3736019.57	54.00	54.40	54.30	53.80	53.90
53.60	53.50	53.00	52.60		
3735969.57	53.60	53.80	53.50	53.60	54.00
53.90	52.70	52.70	52.50		
3735919.57	53.80	53.30	53.40	53.10	53.30
53.50	52.30	52.30	52.10		
3735869.57	54.60	53.00	52.90	52.80	52.70
53.00	52.40	52.00	51.70		
3735819.57	54.60	54.20	53.50	52.40	52.20
52.10	51.90	51.70	51.60		
3735769.57	54.60	54.40	51.80	51.60	51.40
51.90	50.90	51.20	51.10		
3735719.57	47.00	51.20	51.40	50.90	51.10
51.20	51.10	50.80	50.70		
3735669.57	51.10	51.50	51.00	51.00	51.00
51.00	50.50	50.20	50.60		
3735619.57	51.40	50.90	50.60	50.10	49.70
49.60	49.50	49.50	52.70		
3735569.57	51.20	50.90	50.70	50.40	50.20
50.10	49.60	49.30	49.20		
3735519.57	51.10	50.80	50.30	50.10	50.00
49.50	49.10	49.00	48.90		
3735469.57	50.90	50.60	50.20	49.80	49.60
49.80	49.80	49.60	48.40		
3735419.57	50.70	50.20	49.70	49.50	49.60
49.30	49.50	48.70	48.30		
3735369.57	50.30	50.00	49.70	49.40	49.20
48.70	48.70	48.50	48.20		
3735319.57	50.10	49.60	49.20	49.10	48.80
49.00	49.00	48.30	48.00		
3735269.57	49.50	49.40	49.10	48.50	48.40
48.40	48.20	48.00	47.20		
3735219.57	49.40	49.20	48.60	48.20	48.00
47.40	47.60	47.10	47.00		
3735169.57	49.20	48.90	49.00	48.20	48.20
48.00	47.40	46.70	46.80		
3735119.57	48.20	48.40	47.80	47.70	46.80
46.50	46.40	46.50	46.80		
3735069.57	48.20	48.20	47.90	47.60	47.70
47.40	47.10	46.20	46.60		
3735019.57	47.90	47.50	46.80	46.30	46.80
45.90	46.40	45.80	46.10		
3734969.57	47.60	47.50	47.20	46.70	46.10
45.90	45.70	45.50	45.60		
3734919.57	47.30	47.00	46.60	46.30	46.10
45.80	45.80	45.20	45.40		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423522.45	423572.45	423622.45	423672.45	423722.45	423772.45	423822.45	423872.45	423922.45
3736869.57	60.90	60.60	60.10	59.50	60.30	59.40	60.40	59.70	60.40
3736819.57	58.90	58.30	59.50	58.90	59.90	59.40	59.70	59.50	60.10
3736769.57	59.30	59.00	58.80	58.40	59.70	59.30	59.40	59.10	59.60
3736719.57	57.30	56.80	57.50	57.80	59.50	58.90	59.00	58.70	59.10
3736669.57	57.70	56.10	57.90	58.00	59.20	58.50	58.70	58.60	58.80
3736619.57	55.80	55.40	57.50	57.90	58.90	58.60	58.70	58.50	58.10
3736569.57	55.20	54.70	57.20	56.70	58.30	57.60	58.00	57.80	57.60
3736519.57	54.80	54.50	56.10	55.50	57.10	56.60	57.20	56.50	56.80
3736469.57	54.70	54.30	55.80	56.50	56.50	55.90	56.50	56.00	56.30
3736419.57	54.40	53.90	55.10	54.20	56.00	55.50	56.10	56.10	56.10
3736369.57	54.30	53.60	54.70	54.10	55.40	54.80	55.40	54.90	55.10
3736319.57	54.20	53.60	54.50	54.00	54.90	54.50	54.80	54.70	54.90
3736269.57	53.70	53.50	54.40	54.40	54.80	54.40	54.40	54.20	54.00
3736219.57	53.40	52.80	53.30	53.00	54.30	53.80	53.70	53.40	53.30
3736169.57	53.40	52.80	53.20	52.50	53.60	53.00	53.50	53.20	53.30
3736119.57	53.40	52.60	52.90	52.30	53.60	52.80	52.90	52.50	52.20

3736069.57	52.60	52.30	52.20	52.30	53.20
52.60	53.00	51.70	51.70		
3736019.57	52.50	52.30	52.20	52.30	51.70
51.50	51.20	50.90	51.70		
3735969.57	52.20	52.10	51.90	52.00	51.60
50.80	50.80	50.60	51.00		
3735919.57	52.00	51.70	51.60	51.80	51.20
50.60	50.60	50.50	50.90		
3735869.57	52.00	52.20	51.30	51.30	51.20
50.40	50.40	50.30	50.80		
3735819.57	51.50	51.30	51.20	51.10	50.80
50.60	50.20	49.90	49.90		
3735769.57	51.10	50.70	50.70	50.10	49.90
49.90	49.70	50.30	49.90		
3735719.57	50.40	50.20	50.50	50.10	49.90
49.80	49.50	49.40	50.40		
3735669.57	50.10	51.50	49.60	49.50	49.30
49.10	49.00	49.70	49.20		
3735619.57	53.30	49.70	49.30	49.00	48.60
48.60	48.60	48.90	48.80		
3735569.57	49.30	49.30	49.20	49.00	48.70
48.70	48.20	48.60	48.60		
3735519.57	49.10	49.20	49.10	48.40	48.20
48.00	47.90	48.20	47.60		
3735469.57	48.00	48.10	48.10	48.00	47.80
47.70	47.60	47.70	47.10		
3735419.57	48.00	48.10	47.60	47.70	47.60
47.50	47.20	47.50	47.90		
3735369.57	47.80	47.70	47.90	48.00	47.60
47.80	46.90	46.50	46.60		
3735319.57	47.50	47.30	47.30	47.40	47.30
47.30	46.60	46.80	46.90		
3735269.57	46.40	46.90	47.10	47.20	47.20
47.10	46.30	46.90	46.70		
3735219.57	46.30	46.50	46.40	46.30	46.30
46.20	45.90	45.90	46.00		
3735169.57	46.20	46.80	46.30	46.30	46.10
46.00	45.60	45.50	45.50		
3735119.57	46.30	46.20	45.90	45.80	45.70
45.50	45.40	44.80	45.10		
3735069.57	46.10	45.90	45.80	45.70	45.60
44.80	45.20	45.40	45.50		
3735019.57	46.00	45.80	45.60	45.50	45.30
44.60	45.00	45.10	45.20		
3734969.57	45.70	45.70	45.60	45.50	45.30
45.30	44.80	44.80	44.60		
3734919.57	45.00	44.80	44.70	44.60	44.60
44.90	44.60	44.70	44.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423972.45	424022.45	424072.45	424122.45	424172.45
3736869.57	59.80	60.00	60.10	60.10	59.70
3736819.57	59.40	60.00	59.50	59.60	59.30
3736769.57	59.00	59.40	59.00	59.20	59.00
3736719.57	58.50	59.00	58.80	58.70	58.60
3736669.57	58.40	58.60	58.50	58.50	58.40
3736619.57	57.90	58.20	58.30	57.90	58.20
3736569.57	57.30	57.60	57.60	58.00	58.30
3736519.57	57.00	57.40	57.10	57.00	57.00
3736469.57	56.20	56.70	56.30	56.30	56.50
3736419.57	56.30	56.30	55.70	55.10	56.10
3736369.57	55.20	55.50	55.30	54.50	55.90
3736319.57	54.80	54.90	54.80	54.00	55.30
3736269.57	54.00	54.30	54.30	53.60	53.90
3736219.57	53.60	53.60	53.70	53.70	54.30
3736169.57	52.60	53.00	53.30	53.70	54.00
3736119.57	51.90	52.40	52.90	53.00	52.90

424222.45	424272.45	424322.45	424372.45	
59.70	60.40	59.70	60.20	
59.30	59.50	59.70	59.30	60.20
59.00	58.90	59.10	59.10	58.90
58.60	58.50	58.70	59.10	59.60
58.40	58.00	58.20	58.30	58.50
58.20	57.90	58.50	58.40	58.50
58.30	58.20	58.20	58.50	58.50
57.00	57.00	57.00	57.00	57.40
56.50	56.50	56.70	56.60	58.80
56.10	56.00	56.00	55.20	57.50
55.90	55.40	54.40	55.70	56.50
55.30	54.10	55.10	54.80	56.40
53.90	54.90	54.40	54.90	56.40
54.30	54.00	54.10	54.50	56.80
54.00	54.00	54.20	54.50	55.90
52.90	53.20	54.20	53.90	55.70

3736069.57	51.30	51.70	52.20	52.50
52.60	52.90	54.20	53.90	55.20
3736019.57	51.30	51.20	52.10	51.70
52.00	52.10	54.40	54.10	54.90
3735969.57	50.90	50.70	50.80	51.00
51.20	51.70	54.20	53.50	53.90
3735919.57	50.30	50.10	50.50	50.40
50.60	51.30	53.90	53.90	54.40
3735869.57	50.70	49.90	50.90	50.10
50.50	51.50	53.40	53.90	54.10
3735819.57	49.80	49.70	49.40	49.70
50.20	52.40	52.80	53.40	53.40
3735769.57	50.10	50.30	48.60	49.20
52.50	52.40	52.60	52.60	52.80
3735719.57	49.70	49.20	48.30	48.90
52.40	51.90	51.90	52.20	52.10
3735669.57	49.40	49.10	48.20	48.30
49.30	50.30	50.80	51.20	51.50
3735619.57	48.70	48.60	48.50	49.10
50.20	50.60	50.60	51.30	51.50
3735569.57	48.40	48.50	48.40	49.00
50.10	50.20	50.10	50.40	51.00
3735519.57	48.10	47.80	48.20	48.20
49.40	49.80	49.70	49.90	50.60
3735469.57	47.50	47.40	48.00	48.50
48.70	49.30	49.50	49.80	49.70
3735419.57	47.70	47.80	48.00	48.40
48.50	49.00	49.00	49.20	49.50
3735369.57	46.60	46.70	46.90	47.20
47.70	47.90	47.90	48.30	48.80
3735319.57	47.00	47.00	47.30	47.30
47.90	48.00	48.40	48.50	48.80
3735269.57	46.70	46.70	46.90	47.30
47.70	47.10	47.20	47.50	48.00
3735219.57	46.10	46.20	46.30	46.50
46.60	46.70	47.10	47.70	48.00
3735169.57	45.90	46.30	46.30	46.30
46.30	46.50	46.50	46.80	47.10
3735119.57	45.40	46.30	46.10	46.10
46.10	46.40	46.50	46.60	46.90
3735069.57	45.50	45.50	45.70	45.80
45.80	45.70	45.70	45.80	45.80
3735019.57	45.20	45.30	45.30	45.40
45.50	45.60	46.00	46.30	46.10
3734969.57	44.50	44.30	44.40	44.60
44.70	44.90	44.90	45.20	45.50
3734919.57	44.60	44.30	44.50	44.60
44.70	44.40	44.50	45.10	45.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 424422.45	424472.45	424522.45	424572.45
3736869.57	61.00	62.70	63.20	63.10
3736819.57	62.40	62.60	63.30	63.30
3736769.57	60.70	62.10	62.00	62.70
3736719.57	60.60	61.40	62.00	62.10
3736669.57	60.10	61.50	60.90	61.70
3736619.57	60.20	60.90	60.90	60.90
3736569.57	60.00	60.30	60.40	60.40
3736519.57	58.90	59.80	60.40	60.10
3736469.57	58.90	58.90	59.70	60.20
3736419.57	58.40	59.20	59.20	59.50
3736369.57	58.50	58.90	58.40	58.90
3736319.57	58.20	58.20	57.50	58.30
3736269.57	56.70	57.90	57.40	57.30
3736219.57	57.00	57.30	57.30	57.10
3736169.57	56.60	56.70	57.10	56.80
3736119.57	55.90	56.10	56.20	56.60
3736069.57	55.60	55.60	55.90	56.30
3736019.57	55.20	55.20	55.50	55.90
3735969.57	54.90	54.80	54.80	55.50
3735919.57	54.60	54.60	54.60	54.70
3735869.57	54.40	54.30	54.50	53.90
3735819.57	53.30	53.40	54.20	53.70
3735769.57	52.80	53.10	53.50	53.20
3735719.57	52.50	52.60	53.00	52.60
3735669.57	51.80	52.20	52.70	52.10
3735619.57	51.50	51.70	52.00	51.50
3735569.57	51.00	51.10	51.00	50.80
3735519.57	50.50	50.60	50.90	50.30
3735469.57	50.20	49.90	49.80	49.60
3735419.57	49.70	49.50	49.40	49.20
3735369.57	48.70	48.60	48.80	48.70
3735319.57	48.80	48.40	48.20	48.10
3735269.57	48.00	47.70	47.70	47.70
3735219.57	47.90	47.50	47.20	47.20

3735169.57	47.30	47.30	47.80	46.80
3735119.57	47.00	47.80	46.50	46.40
3735069.57	45.90	45.90	45.90	45.90
3735019.57	46.10	45.90	45.70	45.50
3734969.57	45.60	45.50	45.40	45.20
3734919.57	45.70	45.70	45.50	44.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(423808.6, 3735782.0, 50.3, 50.3, 0.0); (423778.4, 3735711.0, 49.6, 49.6, 0.0);
(423675.7, 3735807.7, 50.8, 50.8, 0.0); (423822.5, 3735854.0, 50.2, 50.2, 0.0);
(423884.8, 3735852.5, 50.3, 50.3, 0.0); (423598.8, 3735852.1, 51.8, 51.8, 0.0);
(423550.2, 3735806.9, 51.4, 51.4, 0.0); (423486.2, 3735850.7, 52.2, 52.2, 0.0);
(423388.4, 3735807.4, 51.5, 51.5, 0.0); (423265.8, 3735853.1, 52.7, 52.7, 0.0);
(423243.5, 3735813.7, 52.3, 52.3, 0.0); (423093.7, 3735863.3, 53.4, 54.1, 0.0);
(423190.9, 3735810.3, 52.2, 52.2, 0.0); (423787.3, 3735854.1, 50.8, 50.8, 0.0);
(424037.8, 3735799.1, 49.6, 49.6, 0.0); (424038.7, 3735764.1, 49.3, 49.3, 0.0);
(424037.3, 3735729.1, 48.9, 48.9, 0.0); (424039.2, 3735703.3, 48.7, 48.7, 0.0);
(424037.8, 3735675.6, 48.7, 48.7, 0.0); (424019.8, 3735624.5, 48.6, 48.6, 0.0);
(423977.7, 3735628.2, 48.8, 48.8, 0.0); (423929.3, 3735627.8, 48.9, 48.9, 0.0);
(423887.3, 3735627.3, 48.8, 48.8, 0.0); (423857.8, 3735627.8, 48.9, 48.9, 0.0);
(423815.4, 3735653.5, 49.2, 49.2, 0.0); (423813.9, 3735599.6, 48.7, 48.7, 0.0);
(423940.0, 3735858.4, 50.7, 50.7, 0.0); (423977.3, 3735859.4, 50.4, 50.4, 0.0);
(423741.1, 3735859.4, 51.0, 51.0, 0.0); (423707.7, 3735859.4, 51.3, 51.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.SFC
Met Version: 16216
Profile file: ..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93184 Upper air station no.: 3190
Name: JOHN_WAYNE_AIRPORT 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	-4.5	0.082	-9.000	-9.000	-999.	56.	11.0	0.12	2.65	1.00	0.87	62.	5.8	283.8	2.0
12	01	01	1	02	-3.5	0.073	-9.000	-9.000	-999.	47.	9.9	0.12	2.65	1.00	0.77	27.	5.8	283.1	2.0
12	01	01	1	03	-3.5	0.073	-9.000	-9.000	-999.	47.	9.9	0.12	2.65	1.00	0.77	336.	5.8	283.1	2.0
12	01	01	1	04	-3.3	0.070	-9.000	-9.000	-999.	45.	9.7	0.12	2.65	1.00	0.74	34.	5.8	283.1	2.0
12	01	01	1	05	-3.0	0.068	-9.000	-9.000	-999.	42.	9.4	0.12	2.65	1.00	0.70	154.	5.8	282.5	2.0
12	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.12	2.65	1.00	0.00	0.	5.8	282.0	2.0
12	01	01	1	07	-2.0	0.059	-9.000	-9.000	-999.	34.	9.0	0.12	2.65	1.00	0.55	343.	5.8	281.4	2.0
12	01	01	1	08	-2.6	0.066	-9.000	-9.000	-999.	40.	9.7	0.12	2.65	0.53	0.69	25.	5.8	281.4	2.0
12	01	01	1	09	21.6	0.133	0.252	0.010	27.	116.	-9.9	0.12	2.65	0.31	1.03	344.	5.8	282.5	2.0
12	01	01	1	10	115.6	0.162	0.713	0.008	114.	156.	-3.3	0.12	2.65	0.24	1.06	233.	5.8	286.4	2.0
12	01	01	1	11	160.9	0.126	1.129	0.005	325.	108.	-1.1	0.12	2.65	0.21	0.67	261.	5.8	291.4	2.0
12	01	01	1	12	187.0	0.138	1.467	0.005	614.	123.	-1.3	0.12	2.65	0.20	0.75	252.	5.8	294.9	2.0
12	01	01	1	13	186.9	0.189	1.755	0.005	1051.	197.	-3.3	0.12	2.65	0.20	1.23	280.	5.8	297.5	2.0

```
 12 01 01   1 14  168.3  0.247  1.857  0.005 1383.  295.     -8.1  0.12
2.65   0.21    1.86  268.    5.8  299.2    2.0
 12 01 01   1 15  115.3  0.275  1.688  0.005 1517.  346.    -16.3  0.12
2.65   0.24    2.25  248.    5.8  298.1    2.0
 12 01 01   1 16   41.5  0.262  1.211  0.005 1552.  322.    -39.2  0.12
2.65   0.33    2.32  227.    5.8  295.9    2.0
 12 01 01   1 17  -17.9  0.217 -9.000 -9.000 -999.  244.     52.0  0.12
2.65   0.60    2.18  227.    5.8  292.5    2.0
 12 01 01   1 18  -24.7  0.250 -9.000 -9.000 -999.  300.     68.7  0.12
2.65   1.00    2.50  219.    5.8  288.8    2.0
 12 01 01   1 19   -5.2  0.088 -9.000 -9.000 -999.   91.     12.0  0.12
2.65   1.00    0.94  201.    5.8  287.5    2.0
 12 01 01   1 20   -3.5  0.073 -9.000 -9.000 -999.   47.     10.0  0.12
2.65   1.00    0.77  259.    5.8  287.0    2.0
 12 01 01   1 21   -2.6  0.064 -9.000 -9.000 -999.   39.      9.1  0.12
2.65   1.00    0.65  264.    5.8  286.4    2.0
 12 01 01   1 22   -4.4  0.081 -9.000 -9.000 -999.   55.     10.9  0.12
2.65   1.00    0.86  211.    5.8  285.9    2.0
 12 01 01   1 23   -4.2  0.079 -9.000 -9.000 -999.   53.     10.7  0.12
2.65   1.00    0.84  247.    5.8  284.9    2.0
 12 01 01   1 24   -7.1  0.103 -9.000 -9.000 -999.   80.     14.1  0.12
2.65   1.00    1.09  236.    5.8  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    5.8 1   62.    0.87   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 PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	422622.45	422672.45	422722.45	422772.45	422822.45	422872.45	422922.45	422972.45	423022.45
3736869.57		0.00016	0.00017	0.00017	0.00017	0.00018	0.00018	0.00018	0.00019	0.00019
3736819.57		0.00017	0.00017	0.00018	0.00018	0.00019	0.00019	0.00020	0.00020	0.00020
3736769.57		0.00018	0.00018	0.00019	0.00019	0.00020	0.00020	0.00021	0.00021	0.00022
3736719.57		0.00019	0.00019	0.00020	0.00020	0.00021	0.00021	0.00022	0.00022	0.00023
3736669.57		0.00020	0.00020	0.00021	0.00021	0.00022	0.00023	0.00023	0.00024	0.00025
3736619.57		0.00020	0.00021	0.00022	0.00022	0.00023	0.00024	0.00025	0.00025	0.00026
3736569.57		0.00021	0.00022	0.00023	0.00024	0.00024	0.00025	0.00026	0.00027	0.00028
3736519.57		0.00022	0.00023	0.00024	0.00025	0.00026	0.00027	0.00028	0.00029	0.00030
3736469.57		0.00023	0.00024	0.00025	0.00026	0.00027	0.00028	0.00029	0.00031	0.00032
3736419.57		0.00023	0.00024	0.00026	0.00027	0.00028	0.00030	0.00031	0.00033	0.00034
3736369.57		0.00024	0.00025	0.00026	0.00028	0.00029	0.00031	0.00033	0.00035	0.00037

3736319.57	0.00024	0.00025	0.00027	0.00029	0.00030
0.00032	0.00034	0.00037	0.00039		
3736269.57	0.00024	0.00026	0.00027	0.00029	0.00031
0.00033	0.00036	0.00038	0.00042		
3736219.57	0.00025	0.00026	0.00028	0.00030	0.00032
0.00034	0.00037	0.00040	0.00045		
3736169.57	0.00025	0.00026	0.00028	0.00030	0.00033
0.00035	0.00038	0.00041	0.00047		
3736119.57	0.00025	0.00027	0.00029	0.00031	0.00033
0.00036	0.00039	0.00043	0.00048		
3736069.57	0.00025	0.00028	0.00030	0.00032	0.00034
0.00037	0.00040	0.00044	0.00050		
3736019.57	0.00026	0.00028	0.00030	0.00032	0.00035
0.00038	0.00041	0.00046	0.00052		
3735969.57	0.00027	0.00029	0.00031	0.00033	0.00036
0.00039	0.00043	0.00047	0.00054		
3735919.57	0.00027	0.00029	0.00031	0.00034	0.00037
0.00040	0.00044	0.00050	0.00057		
3735869.57	0.00028	0.00030	0.00032	0.00035	0.00038
0.00042	0.00049	0.00059	0.00066		
3735819.57	0.00028	0.00030	0.00033	0.00035	0.00039
0.00043	0.00082	0.00060	0.00065		
3735769.57	0.00029	0.00031	0.00033	0.00036	0.00039
0.00045	0.00074	0.00059	0.00060		
3735719.57	0.00029	0.00032	0.00034	0.00037	0.00040
0.00045	0.00056	0.00063	0.00062		
3735669.57	0.00030	0.00032	0.00034	0.00037	0.00041
0.00045	0.00051	0.00077	0.00064		
3735619.57	0.00030	0.00032	0.00035	0.00038	0.00041
0.00045	0.00050	0.00063	0.00067		
3735569.57	0.00030	0.00033	0.00035	0.00038	0.00041
0.00045	0.00050	0.00060	0.00067		
3735519.57	0.00031	0.00033	0.00035	0.00038	0.00041
0.00045	0.00050	0.00060	0.00064		
3735469.57	0.00031	0.00033	0.00035	0.00038	0.00041
0.00045	0.00049	0.00056	0.00059		
3735419.57	0.00031	0.00033	0.00035	0.00038	0.00041
0.00044	0.00048	0.00053	0.00057		
3735369.57	0.00031	0.00033	0.00035	0.00038	0.00041
0.00044	0.00048	0.00051	0.00056		
3735319.57	0.00031	0.00033	0.00035	0.00037	0.00040
0.00043	0.00047	0.00051	0.00055		
3735269.57	0.00030	0.00032	0.00035	0.00037	0.00040
0.00043	0.00046	0.00050	0.00055		
3735219.57	0.00030	0.00032	0.00034	0.00037	0.00039
0.00043	0.00046	0.00049	0.00054		
3735169.57	0.00030	0.00032	0.00034	0.00036	0.00039
0.00042	0.00045	0.00049	0.00053		
3735119.57	0.00030	0.00032	0.00034	0.00036	0.00039
0.00041	0.00045	0.00048	0.00052		
3735069.57	0.00030	0.00031	0.00033	0.00036	0.00038
0.00041	0.00044	0.00047	0.00051		
3735019.57	0.00029	0.00031	0.00033	0.00035	0.00037
0.00040	0.00043	0.00046	0.00050		

3734969.57	0.00029	0.00031	0.00032	0.00035	0.00037
0.00039	0.00042	0.00045	0.00049		
3734919.57	0.00029	0.00030	0.00032	0.00034	0.00036
0.00039	0.00042	0.00045	0.00048		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	423072.45	423122.45	423172.45	423222.45	423272.45
3736869.57	0.00019	0.00019	0.00019	0.00019	0.00019
3736819.57	0.00021	0.00021	0.00021	0.00021	0.00021
3736769.57	0.00022	0.00022	0.00023	0.00023	0.00023
3736719.57	0.00024	0.00024	0.00024	0.00025	0.00025
3736669.57	0.00025	0.00026	0.00026	0.00027	0.00027
3736619.57	0.00027	0.00028	0.00029	0.00029	0.00030
3736569.57	0.00029	0.00030	0.00031	0.00032	0.00033
3736519.57	0.00031	0.00032	0.00034	0.00035	0.00036
3736469.57	0.00034	0.00035	0.00037	0.00038	0.00039
3736419.57	0.00036	0.00038	0.00040	0.00042	0.00043
3736369.57	0.00039	0.00041	0.00044	0.00046	0.00048

Y-COORD (METERS)	X-COORD (METERS)				
	423322.45	423372.45	423422.45	423472.45	
3736869.57	0.00020	0.00020	0.00020	0.00020	
3736819.57	0.00021	0.00022	0.00022		
3736769.57	0.00023	0.00023	0.00023	0.00024	
3736719.57	0.00025	0.00025	0.00026	0.00026	
3736669.57	0.00027	0.00028	0.00028	0.00028	
3736619.57	0.00030	0.00031	0.00031	0.00032	
3736569.57	0.00033	0.00034	0.00034	0.00035	
3736519.57	0.00036	0.00037	0.00038	0.00039	
3736469.57	0.00039	0.00040	0.00042	0.00043	0.00045
3736419.57	0.00043	0.00045	0.00046	0.00048	0.00050
3736369.57	0.00048	0.00050	0.00052	0.00054	0.00057

3736319.57	0.00042	0.00045	0.00048	0.00050	0.00053
3736269.57	0.00048	0.00051	0.00052	0.00055	0.00058
3736219.57	0.00079	0.00055	0.00056	0.00059	0.00063
3736169.57	0.00077	0.00059	0.00060	0.00063	0.00068
3736119.57	0.00067	0.00063	0.00063	0.00067	0.00073
3736069.57	0.00066	0.00066	0.00066	0.00071	0.00078
3736019.57	0.00066	0.00069	0.00069	0.00075	0.00083
3735969.57	0.00067	0.00072	0.00073	0.00079	0.00088
3735919.57	0.00071	0.00076	0.00077	0.00085	0.00094
3735869.57	0.00077	0.00087	0.00090	0.00098	0.00108
3735819.57	0.00071	0.00082	0.00090	0.00099	0.00112
3735769.57	0.00065	0.00072	0.00079	0.00089	0.00101
3735719.57	0.00065	0.00071	0.00079	0.00089	0.00101
3735669.57	0.00066	0.00071	0.00079	0.00089	0.00101
3735619.57	0.00066	0.00071	0.00079	0.00089	0.00102
3735569.57	0.00066	0.00071	0.00079	0.00089	0.00101
3735519.57	0.00065	0.00071	0.00079	0.00088	0.00100
3735469.57	0.00064	0.00070	0.00078	0.00087	0.00099
3735419.57	0.00063	0.00069	0.00077	0.00086	0.00097
3735369.57	0.00062	0.00068	0.00076	0.00085	0.00096
3735319.57	0.00061	0.00067	0.00074	0.00083	0.00093
3735269.57	0.00060	0.00066	0.00073	0.00081	0.00091
3735219.57	0.00059	0.00065	0.00071	0.00079	0.00089
3735169.57	0.00058	0.00063	0.00070	0.00077	0.00086
3735119.57	0.00057	0.00062	0.00068	0.00075	0.00084
3735069.57	0.00056	0.00061	0.00067	0.00074	0.00082
3735019.57	0.00054	0.00059	0.00065	0.00072	0.00079

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  3734969.57 |       0.00053      0.00058      0.00064      0.00070
0.00077      0.00085      0.00093      0.00102      0.00112
  3734919.57 |       0.00052      0.00057      0.00062      0.00068
0.00075      0.00082      0.00089      0.00097      0.00105
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	423522.45	423572.45	423622.45	423672.45	423722.45	423772.45	423822.45	423872.45	423922.45
3736869.57	0.00021	0.00022	0.00023	0.00024	0.00026	0.00028	0.00030	0.00032	0.00035
3736819.57	0.00023	0.00024	0.00025	0.00026	0.00028	0.00030	0.00032	0.00035	0.00038
3736769.57	0.00025	0.00026	0.00027	0.00028	0.00030	0.00032	0.00035	0.00038	0.00042
3736719.57	0.00027	0.00028	0.00029	0.00030	0.00032	0.00035	0.00038	0.00042	0.00046
3736669.57	0.00029	0.00030	0.00031	0.00033	0.00035	0.00038	0.00042	0.00046	0.00051
3736619.57	0.00032	0.00033	0.00034	0.00036	0.00038	0.00042	0.00046	0.00051	0.00057
3736569.57	0.00036	0.00038	0.00038	0.00040	0.00042	0.00046	0.00051	0.00057	0.00064
3736519.57	0.00041	0.00042	0.00042	0.00045	0.00047	0.00052	0.00057	0.00064	0.00073
3736469.57	0.00046	0.00047	0.00047	0.00052	0.00053	0.00058	0.00064	0.00073	0.00085
3736419.57	0.00052	0.00053	0.00054	0.00058	0.00060	0.00066	0.00074	0.00084	0.00098
3736369.57	0.00059	0.00061	0.00063	0.00067	0.00069	0.00077	0.00085	0.00100	0.00116

3736319.57	0.00067	0.00070	0.00073	0.00077	0.00082
3736269.57	0.00077	0.00081	0.00085	0.00090	0.00096
3736219.57	0.00089	0.00095	0.00101	0.00108	0.00115
3736169.57	0.00104	0.00112	0.00121	0.00130	0.00140
3736119.57	0.00120	0.00133	0.00146	0.00160	0.00174
3736069.57	0.00140	0.00158	0.00177	0.00198	0.00221
3736019.57	0.00160	0.00186	0.00215	0.00249	0.00289
3735969.57	0.00182	0.00216	0.00260	0.00314	0.00381
3735919.57	0.00203	0.00249	0.00310	0.00393	0.00508
3735869.57	0.00229	0.00285	0.00366	0.00485	0.00671
3735819.57	0.00250	0.00313	0.00408	0.00561	0.00831
3735769.57	0.00242	0.00313	0.00421	0.00602	0.00941
3735719.57	0.00247	0.00319	0.00432	0.00625	0.00996
3735669.57	0.00248	0.00319	0.00432	0.00620	0.00974
3735619.57	0.00246	0.00316	0.00422	0.00594	0.00895
3735569.57	0.00241	0.00307	0.00404	0.00553	0.00792
3735519.57	0.00233	0.00292	0.00378	0.00503	0.00679
3735469.57	0.00225	0.00278	0.00351	0.00449	0.00575
3735419.57	0.00214	0.00261	0.00322	0.00398	0.00487
3735369.57	0.00203	0.00244	0.00294	0.00352	0.00414
3735319.57	0.00192	0.00226	0.00266	0.00311	0.00355
3735269.57	0.00180	0.00209	0.00241	0.00275	0.00307
3735219.57	0.00169	0.00193	0.00219	0.00244	0.00266
3735169.57	0.00158	0.00178	0.00199	0.00218	0.00233
3735119.57	0.00148	0.00165	0.00181	0.00195	0.00206
3735069.57	0.00139	0.00152	0.00164	0.00175	0.00183
3735019.57	0.00129	0.00140	0.00150	0.00158	0.00163

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  3734969.57 |       0.00121      0.00130      0.00138      0.00143
0.00147      0.00148      0.00145      0.00141      0.00133
  3734919.57 |       0.00113      0.00120      0.00126      0.00130
0.00133      0.00133      0.00130      0.00125      0.00120
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	423972.45	424022.45	424072.45	424122.45	424172.45	424222.45	424272.45	424322.45	424372.45	
3736869.57	0.00038	0.00042	0.00046	0.00051	0.00056	0.00061	0.00066	0.00072	0.00076	
3736819.57	0.00042	0.00046	0.00051	0.00057	0.00063	0.00069	0.00074	0.00080	0.00085	
3736769.57	0.00046	0.00051	0.00057	0.00064	0.00070	0.00077	0.00084	0.00090	0.00095	
3736719.57	0.00051	0.00057	0.00064	0.00072	0.00080	0.00088	0.00095	0.00101	0.00106	
3736669.57	0.00057	0.00065	0.00073	0.00082	0.00091	0.00100	0.00108	0.00115	0.00120	
3736619.57	0.00065	0.00073	0.00083	0.00094	0.00105	0.00115	0.00124	0.00131	0.00135	
3736569.57	0.00074	0.00084	0.00096	0.00109	0.00121	0.00133	0.00143	0.00149	0.00152	
3736519.57	0.00085	0.00097	0.00112	0.00128	0.00143	0.00156	0.00166	0.00172	0.00173	
3736469.57	0.00098	0.00115	0.00133	0.00152	0.00170	0.00184	0.00193	0.00197	0.00196	
3736419.57	0.00116	0.00137	0.00160	0.00184	0.00203	0.00219	0.00227	0.00229	0.00222	
3736369.57	0.00139	0.00166	0.00195	0.00224	0.00245	0.00261	0.00268	0.00263	0.00251	

3736319.57 | 0.00170 0.00205 0.00242 0.00277
0.00300 0.00315 0.00314 0.00303 0.00283
3736269.57 | 0.00212 0.00259 0.00306 0.00348
0.00373 0.00379 0.00371 0.00348 0.00316
3736219.57 | 0.00271 0.00335 0.00396 0.00443
0.00464 0.00461 0.00436 0.00397 0.00350
3736169.57 | 0.00360 0.00446 0.00524 0.00572
0.00583 0.00559 0.00510 0.00449 0.00386
3736119.57 | 0.00494 0.00615 0.00710 0.00755
0.00741 0.00679 0.00594 0.00504 0.00418
3736069.57 | 0.00710 0.00882 0.00992 0.01009
0.00938 0.00815 0.00681 0.00554 0.00447
3736019.57 | 0.01076 0.01322 0.01422 0.01366
0.01183 0.00965 0.00764 0.00595 0.00469
3735969.57 | 0.01766 0.02096 0.02126 0.01858
0.01469 0.01110 0.00818 0.00624 0.00481
3735919.57 | 0.03214 0.03574 0.03268 0.02487
0.01755 0.01222 0.00853 0.00627 0.00473
3735869.57 | 0.06847 0.06992 0.05139 0.03133
0.01946 0.01256 0.00845 0.00604 0.00451
3735819.57 | 0.14886 0.13752 0.07169 0.03459
0.01945 0.01181 0.00788 0.00557 0.00414
3735769.57 | 0.18768 0.15656 0.07299 0.03229
0.01731 0.01030 0.00688 0.00491 0.00368
3735719.57 | 0.17749 0.14410 0.06171 0.02582
0.01384 0.00843 0.00576 0.00418 0.00319
3735669.57 | 0.12716 0.09918 0.03969 0.01766
0.01024 0.00672 0.00475 0.00353 0.00274
3735619.57 | 0.05194 0.03764 0.01968 0.01148
0.00751 0.00528 0.00391 0.00299 0.00237
3735569.57 | 0.02206 0.01699 0.01162 0.00802
0.00576 0.00428 0.00329 0.00260 0.00209
3735519.57 | 0.01263 0.01025 0.00784 0.00594
0.00457 0.00356 0.00283 0.00229 0.00188
3735469.57 | 0.00836 0.00703 0.00570 0.00458
0.00369 0.00300 0.00245 0.00203 0.00170
3735419.57 | 0.00604 0.00520 0.00436 0.00363
0.00303 0.00254 0.00214 0.00181 0.00154
3735369.57 | 0.00459 0.00402 0.00345 0.00295
0.00252 0.00217 0.00187 0.00162 0.00140
3735319.57 | 0.00364 0.00323 0.00282 0.00245
0.00214 0.00187 0.00164 0.00144 0.00127
3735269.57 | 0.00297 0.00266 0.00235 0.00207
0.00184 0.00163 0.00145 0.00129 0.00116
3735219.57 | 0.00247 0.00223 0.00200 0.00178
0.00159 0.00143 0.00129 0.00116 0.00105
3735169.57 | 0.00210 0.00191 0.00172 0.00155
0.00140 0.00127 0.00115 0.00105 0.00096
3735119.57 | 0.00181 0.00166 0.00151 0.00137
0.00124 0.00113 0.00104 0.00096 0.00088
3735069.57 | 0.00159 0.00146 0.00133 0.00121
0.00111 0.00102 0.00094 0.00087 0.00081
3735019.57 | 0.00140 0.00129 0.00119 0.00109
0.00100 0.00093 0.00086 0.00080 0.00074

3734969.57	0.00125	0.00116	0.00107	0.00098	0.00091	0.00084	0.00079	0.00073	0.00069
3734919.57	0.00112	0.00104	0.00097	0.00090	0.00083	0.00077	0.00072	0.00068	0.00064

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	424422.45	424472.45	424522.45	424572.45
3736869.57		0.00080	0.00082	0.00084	0.00084
3736819.57		0.00088	0.00090	0.00091	0.00091
3736769.57		0.00098	0.00100	0.00100	0.00099
3736719.57		0.00109	0.00110	0.00109	0.00107
3736669.57		0.00121	0.00121	0.00120	0.00116
3736619.57		0.00135	0.00134	0.00131	0.00126
3736569.57		0.00151	0.00148	0.00142	0.00135
3736519.57		0.00169	0.00163	0.00155	0.00146
3736469.57		0.00189	0.00180	0.00168	0.00155
3736419.57		0.00210	0.00196	0.00181	0.00167
3736369.57		0.00233	0.00214	0.00195	0.00176
3736319.57		0.00257	0.00232	0.00208	0.00185
3736269.57		0.00283	0.00249	0.00220	0.00194
3736219.57		0.00306	0.00266	0.00231	0.00201
3736169.57		0.00329	0.00280	0.00239	0.00206
3736119.57		0.00349	0.00292	0.00246	0.00209
3736069.57		0.00364	0.00300	0.00250	0.00210
3736019.57		0.00373	0.00303	0.00250	0.00208
3735969.57		0.00376	0.00302	0.00247	0.00204
3735919.57		0.00367	0.00292	0.00238	0.00197
3735869.57		0.00347	0.00275	0.00223	0.00186
3735819.57		0.00320	0.00254	0.00206	0.00172
3735769.57		0.00286	0.00228	0.00187	0.00157

3735719.57	0.00250	0.00203	0.00168	0.00142
3735669.57	0.00219	0.00180	0.00150	0.00128
3735619.57	0.00193	0.00160	0.00136	0.00117
3735569.57	0.00173	0.00145	0.00124	0.00108
3735519.57	0.00157	0.00134	0.00115	0.00100
3735469.57	0.00144	0.00124	0.00107	0.00094
3735419.57	0.00133	0.00115	0.00101	0.00089
3735369.57	0.00122	0.00107	0.00095	0.00084
3735319.57	0.00113	0.00100	0.00089	0.00080
3735269.57	0.00103	0.00093	0.00083	0.00075
3735219.57	0.00095	0.00086	0.00078	0.00071
3735169.57	0.00088	0.00080	0.00073	0.00067
3735119.57	0.00081	0.00074	0.00069	0.00063
3735069.57	0.00075	0.00069	0.00064	0.00060
3735019.57	0.00069	0.00065	0.00060	0.00056
3734969.57	0.00064	0.00060	0.00057	0.00053
3734919.57	0.00060	0.00057	0.00053	0.00050

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
423808.64	3735782.01	0.03055	423778.42	3735711.03	0.02054
423675.73	3735807.74	0.00583	423822.52	3735853.96	0.01967
423884.78	3735852.50	0.05977	423598.82	3735852.10	0.00346
423550.18	3735806.89	0.00276	423486.18	3735850.67	0.00214
423388.42	3735807.38	0.00148	423265.85	3735853.10	0.00119
423243.47	3735813.71	0.00101	423093.67	3735863.32	0.00099
423190.94	3735810.30	0.00088	423787.26	3735854.08	0.01289
424037.75	3735799.11	0.13690	424038.72	3735764.09	0.13736
424037.26	3735729.07	0.12931	424039.21	3735703.29	0.11292
424037.75	3735675.57	0.09135	424019.75	3735624.50	0.04264
423977.74	3735628.22	0.06026	423929.31	3735627.85	0.06373
423887.30	3735627.30	0.05815	423857.76	3735627.85	0.04862

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         423815.39    3735653.53        0.03365
423813.92    3735599.60        0.02113
         423939.99    3735858.43        0.07706
423977.32    3735859.45        0.08322
         423741.06    3735859.42        0.00819
423707.67    3735859.42        0.00639
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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): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	422622.45	422672.45	422722.45	422772.45	422822.45
3736869.6	0.16097 (14010808)	0.17218 (14010808)	0.17803 (14010808)	0.18064 (14010808)	0.19643 (12010207)
3736819.6	0.15472 (14010808)	0.16887 (14010808)	0.17843 (14010808)	0.18576 (14010808)	0.18872 (14010808)
3736769.6	0.16452 (16021607)	0.16268 (14010808)	0.17651 (14010808)	0.18875 (14010808)	0.19684 (14010808)
3736719.6	0.18858 (16021607)	0.18131 (16021607)	0.16864 (14010808)	0.18547 (14010808)	0.19972 (14010808)
3736669.6	0.20807 (16021607)	0.20396 (16021607)	0.19630 (16021607)	0.18460 (16021607)	0.19561 (14010808)
3736619.6	0.22198 (16021607)	0.22412 (16021607)	0.22250 (16021607)	0.21496 (16021607)	0.20370 (16021607)
3736569.6	0.22764 (16021607)	0.23861 (16021607)	0.23685 (16021607)	0.23735 (16021607)	0.23381 (16021607)
3736519.6	0.22479 (16021607)	0.23774 (16021607)	0.24984 (16021607)	0.25471 (16021607)	0.25972 (16021607)
3736469.6	0.22511 (15012707)	0.23442 (16021607)	0.25031 (16021607)	0.26316 (16021607)	0.27741 (16021607)
3736419.6	0.23289 (15012707)	0.24426 (15012707)	0.24486 (15012707)	0.25836 (16021607)	0.27413 (16021607)
3736369.6	0.22935 (15012707)	0.24707 (15012707)	0.25331 (15012707)	0.26314 (15012707)	0.27043 (15012707)

3736319.6	0.21761 (15012707)	0.23596 (15012707)	0.25081 (15012707)	0.26582 (15012707)	0.28017 (15012707)
3736269.6	0.21437 (12121407)	0.22500 (12121407)	0.23839 (15012707)	0.26115 (15012707)	0.27972 (15012707)
3736219.6	0.20885 (12121407)	0.22248 (12121407)	0.23558 (12121407)	0.24438 (12121407)	0.26212 (15012707)
3736169.6	0.23437 (14021007)	0.23387 (14021007)	0.23524 (14021007)	0.20254 (14021007)	0.26083 (12121407)
3736119.6	0.25061 (14021007)	0.20623 (14021007)	0.26452 (14021007)	0.22192 (14021007)	0.27678 (14021007)
3736069.6	0.25452 (14021007)	0.21306 (14021007)	0.22370 (14021007)	0.23468 (14021007)	0.24580 (14021007)
3736019.6	0.20070 (14021007)	0.21273 (14021007)	0.22549 (14021007)	0.23906 (14021007)	0.25336 (14021007)
3735969.6	0.19196 (14021007)	0.20495 (14021007)	0.21899 (14021007)	0.23423 (14021007)	0.25066 (14021007)
3735919.6	0.19870 (15011207)	0.20758 (15011207)	0.21702 (15011207)	0.22714 (15011207)	0.23792 (15011207)
3735869.6	0.20975 (15011207)	0.22033 (15011207)	0.23180 (15011207)	0.24432 (15011207)	0.25806 (15011207)
3735819.6	0.21381 (15011207)	0.22541 (15011207)	0.23813 (15011207)	0.25216 (15011207)	0.26783 (15011207)
3735769.6	0.21057 (15011207)	0.22231 (15011207)	0.23521 (15011207)	0.24947 (15011207)	0.26537 (15011207)
3735719.6	0.20595 (12010607)	0.21729 (12010607)	0.22967 (12010607)	0.24339 (12010607)	0.25860 (12010607)
3735669.6	0.21037 (12010607)	0.22166 (12010607)	0.23412 (12010607)	0.24781 (12010607)	0.26290 (12010607)
3735619.6	0.20732 (12011208)	0.21951 (12011208)	0.23287 (12011208)	0.24759 (12011208)	0.26383 (12011208)
3735569.6	0.21354 (12011208)	0.22523 (12011208)	0.23797 (12011208)	0.25184 (12011208)	0.26688 (12011208)
3735519.6	0.21189 (12011208)	0.22224 (12011208)	0.23331 (12011208)	0.24515 (12011208)	0.25844 (16030307)
3735469.6	0.20449 (16030307)	0.21358 (16030307)	0.22316 (16030307)	0.23322 (16030307)	0.24437 (12112807)
3735419.6	0.19503 (12112807)	0.20374 (12112807)	0.21274 (12112807)	0.22190 (12112807)	0.23129 (12112807)
3735369.6	0.18564 (12112807)	0.19306 (13022807)	0.20751 (13022807)	0.22284 (13022807)	0.23915 (13022807)
3735319.6	0.18900 (13022807)	0.20135 (13022807)	0.21424 (13022807)	0.22760 (13022807)	0.24133 (13022807)
3735269.6	0.19308 (13022807)	0.20362 (13022807)	0.21426 (13022807)	0.22485 (13022807)	0.23526 (13022807)
3735219.6	0.19165 (13022807)	0.19993 (13022807)	0.20782 (13022807)	0.21772 (16021007)	0.23146 (16021007)
3735169.6	0.18529 (13022807)	0.19492 (16021007)	0.20609 (16021007)	0.21706 (16021007)	0.22736 (16021007)
3735119.6	0.18513 (16021007)	0.19404 (16021007)	0.20238 (16021007)	0.20994 (16021007)	0.21617 (16021007)
3735069.6	0.18186 (16021007)	0.18810 (16021007)	0.19334 (16021007)	0.19744 (16021007)	0.19993 (16021007)
3735019.6	0.17438 (16021007)	0.17779 (16021007)	0.18003 (16021007)	0.18087 (16021007)	0.18524 (13112507)

 3734969.6 | 0.16325 (16021007)   0.16415 (16021007)   0.16552
(13112507)   0.17293 (13112507)   0.17899 (13112507)
 3734919.6 | 0.14957 (16021007)   0.15579 (13112507)   0.16160
(13112507)   0.16611 (13112507)   0.17317 (15123008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	422872.45	422922.45	422972.45	423022.45	423072.45
3736869.6	0.22073 (12010207)	0.24055 (12010207)	0.25292 (12010207)	0.25717 (12010207)	0.25202 (12010207)
3736819.6	0.20834 (12010207)	0.23505 (12010207)	0.25619 (12010207)	0.26837 (12010207)	0.27072 (12010207)
3736769.6	0.20117 (14010808)	0.22343 (12010207)	0.25231 (12010207)	0.27137 (12010207)	0.28242 (12010207)
3736719.6	0.20991 (14010808)	0.21429 (14010808)	0.24105 (12010207)	0.26611 (12010207)	0.28670 (12010207)
3736669.6	0.21300 (14010808)	0.22878 (14010808)	0.23631 (14010808)	0.25622 (12010207)	0.28315 (12010207)
3736619.6	0.20592 (14010808)	0.22203 (14010808)	0.23560 (14010808)	0.24219 (14010808)	0.27354 (12010207)
3736569.6	0.22178 (16021607)	0.21439 (14010808)	0.23478 (14010808)	0.25151 (14010808)	0.25901 (14010808)
3736519.6	0.25542 (16021607)	0.24788 (16021607)	0.23153 (16021607)	0.25225 (14010808)	0.27014 (14010808)
3736469.6	0.28152 (16021607)	0.28110 (16021607)	0.27126 (16021607)	0.25970 (16021607)	0.27026 (14010808)
3736419.6	0.29192 (16021607)	0.30249 (16021607)	0.30363 (16021607)	0.30328 (16021607)	0.29119 (16021607)
3736369.6	0.29201 (16021607)	0.31345 (16021607)	0.32275 (16021607)	0.33817 (16021607)	0.33780 (16021607)

3736319.6	0.29404 (15012707)	0.30796 (16021607)	0.32635 (16021607)
3736269.6	0.30038 (15012707)	0.31952 (15012707)	0.32650 (15012707)
3736219.6	0.28730 (15012707)	0.31534 (15012707)	0.33567 (15012707)
3736169.6	0.22483 (15012707)	0.24618 (15012707)	0.26843 (15012707)
3736119.6	0.23637 (14021007)	0.24267 (14021007)	0.25608 (12121407)
3736069.6	0.25705 (14021007)	0.26824 (14021007)	0.27920 (14021007)
3736019.6	0.26843 (14021007)	0.28417 (14021007)	0.30051 (14021007)
3735969.6	0.26847 (14021007)	0.28780 (14021007)	0.30859 (14021007)
3735919.6	0.25683 (14021007)	0.27797 (14021007)	0.30153 (14021007)
3735869.6	0.27307 (15011207)	0.28908 (15011207)	0.30674 (15011207)
3735819.6	0.28579 (15011207)	0.30417 (15011207)	0.32345 (15011207)
3735769.6	0.28360 (15011207)	0.30035 (15011207)	0.32159 (15011207)
3735719.6	0.27565 (12010607)	0.29641 (12010607)	0.31264 (12010607)
3735669.6	0.27972 (12010607)	0.29892 (12010607)	0.31670 (12010607)
3735619.6	0.28184 (12011208)	0.30194 (12011208)	0.32609 (12011208)
3735569.6	0.28337 (12011208)	0.30143 (12011208)	0.32208 (12011208)
3735519.6	0.27303 (16030307)	0.28895 (16030307)	0.30756 (16030307)
3735469.6	0.25770 (12112807)	0.27172 (12112807)	0.28609 (12112807)
3735419.6	0.24787 (13022807)	0.26864 (13022807)	0.29051 (13022807)
3735369.6	0.25628 (13022807)	0.27425 (13022807)	0.29179 (13022807)
3735319.6	0.25520 (13022807)	0.26907 (13022807)	0.28151 (13022807)
3735269.6	0.24559 (16021007)	0.26289 (16021007)	0.27903 (16021007)
3735219.6	0.24517 (16021007)	0.25801 (16021007)	0.26837 (16021007)
3735169.6	0.23659 (16021007)	0.24437 (16021007)	0.24903 (16021007)
3735119.6	0.22082 (16021007)	0.22406 (16021007)	0.22385 (13112507)
3735069.6	0.20063 (16021007)	0.20871 (13112507)	0.21557 (13112507)
3735019.6	0.19320 (13112507)	0.19942 (13112507)	0.21242 (15123008)

3734969.6	0.18336 (13112507)	0.20033 (15123008)	0.21557 (15123008)	0.23120 (15123008)	0.24265 (15123008)
3734919.6	0.18828 (15123008)	0.20188 (15123008)	0.21326 (15123008)	0.22383 (15123008)	0.23472 (16022507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423122.45	423172.45	423222.45	423272.45	423322.45
3736869.6	0.23093 (12010207)	0.20609 (12010207)	0.20304 (12102907)	0.21580 (12102907)	0.22024 (12121308)
3736819.6	0.25846 (12010207)	0.23991 (12010207)	0.20917 (12010207)	0.22209 (12102907)	0.22815 (12102907)
3736769.6	0.28260 (12010207)	0.27109 (12010207)	0.24618 (12010207)	0.22323 (12102907)	0.23816 (12102907)
3736719.6	0.30024 (12010207)	0.29991 (12010207)	0.28299 (12010207)	0.25405 (12010207)	0.24517 (12102907)
3736669.6	0.32047 (12010207)	0.32523 (12010207)	0.31740 (12010207)	0.29487 (12010207)	0.25978 (12010207)
3736619.6	0.30626 (12010207)	0.32711 (12010207)	0.33841 (12010207)	0.33253 (12010207)	0.30750 (12010207)
3736569.6	0.29986 (12010207)	0.32783 (12010207)	0.35953 (12010207)	0.36038 (12010207)	0.35333 (12010207)
3736519.6	0.28175 (14010808)	0.31926 (12010207)	0.36457 (12010207)	0.37910 (12010207)	0.39497 (12010207)
3736469.6	0.29266 (14010808)	0.29926 (12010207)	0.35368 (12010207)	0.38612 (12010207)	0.42037 (12010207)
3736419.6	0.29125 (14010808)	0.31026 (14010808)	0.33123 (12010207)	0.37988 (12010207)	0.43124 (12010207)
3736369.6	0.32703 (16021607)	0.30890 (14010808)	0.34121 (14010808)	0.35890 (12010207)	0.42364 (12010207)

3736319.6	0.37434	(16021607)	0.36308	(16021607)	0.34794	(16021607)	0.36494	(14010808)	0.39657	(12010207)
3736269.6	0.40263	(16021607)	0.41425	(16021607)	0.41364	(16021607)	0.40012	(16021607)	0.40877	(14010808)
3736219.6	0.32385	(16021607)	0.34767	(16021607)	0.45495	(16021607)	0.46435	(16021607)	0.45880	(16021607)
3736169.6	0.33211	(15012707)	0.43327	(16021607)	0.38471	(16021607)	0.41321	(16021607)	0.43555	(16021607)
3736119.6	0.33841	(15012707)	0.36696	(15012707)	0.39382	(15012707)	0.42636	(16021607)	0.46653	(16021607)
3736069.6	0.32788	(15012707)	0.36490	(15012707)	0.40340	(15012707)	0.44193	(15012707)	0.47833	(15012707)
3736019.6	0.34887	(14021007)	0.36445	(14021007)	0.38919	(15012707)	0.43984	(15012707)	0.49357	(15012707)
3735969.6	0.37770	(14021007)	0.40371	(14021007)	0.43043	(14021007)	0.45728	(14021007)	0.48340	(14021007)
3735919.6	0.38540	(14021007)	0.41967	(14021007)	0.45740	(14021007)	0.49853	(14021007)	0.54303	(14021007)
3735869.6	0.37048	(14021007)	0.40906	(14021007)	0.45302	(14021007)	0.50336	(14021007)	0.56114	(14021007)
3735819.6	0.40212	(15011207)	0.43483	(15011207)	0.47254	(15011207)	0.51609	(15011207)	0.56669	(15011207)
3735769.6	0.40439	(15011207)	0.44058	(15011207)	0.48234	(15011207)	0.53127	(15011207)	0.58898	(15011207)
3735719.6	0.39340	(12010607)	0.42838	(12010607)	0.46906	(12010607)	0.51681	(12010607)	0.57356	(12010607)
3735669.6	0.39589	(12010607)	0.42992	(12011208)	0.47310	(12011208)	0.52363	(12011208)	0.58333	(12011208)
3735619.6	0.40491	(12011208)	0.43987	(12011208)	0.47961	(12011208)	0.52484	(12011208)	0.57682	(12011208)
3735569.6	0.39059	(16030307)	0.42034	(16030307)	0.45321	(16030307)	0.48948	(16030307)	0.52939	(16030307)
3735519.6	0.36364	(12112807)	0.38836	(12112807)	0.43029	(13022807)	0.48097	(13022807)	0.53715	(13022807)
3735469.6	0.36564	(13022807)	0.40091	(13022807)	0.43865	(13022807)	0.47834	(13022807)	0.51910	(13022807)
3735419.6	0.36637	(13022807)	0.39313	(13022807)	0.42120	(16021007)	0.46284	(16021007)	0.50379	(16021007)
3735369.6	0.35353	(16021007)	0.38340	(16021007)	0.41237	(16021007)	0.43886	(16021007)	0.46052	(16021007)
3735319.6	0.34628	(16021007)	0.36567	(16021007)	0.38177	(16021007)	0.39279	(16021007)	0.40350	(13112507)
3735269.6	0.32362	(16021007)	0.33238	(16021007)	0.33623	(16021007)	0.35540	(13112507)	0.39948	(15123008)
3735219.6	0.28992	(16021007)	0.30144	(13112507)	0.32086	(15123008)	0.35956	(15123008)	0.39397	(15123008)
3735169.6	0.27193	(13112507)	0.29479	(15123008)	0.32590	(15123008)	0.35312	(15123008)	0.37465	(16022507)
3735119.6	0.27150	(15123008)	0.29690	(15123008)	0.31848	(15123008)	0.33632	(16022507)	0.36533	(16022507)
3735069.6	0.27200	(15123008)	0.28933	(15123008)	0.30474	(16022507)	0.32929	(16022507)	0.34630	(16022507)
3735019.6	0.26422	(15123008)	0.27763	(16022507)	0.29837	(16022507)	0.31318	(16022507)	0.31919	(16022507)

 3734969.6 | 0.25471 (16022507)   0.27259 (16022507)   0.28526 (16022507)   0.29093 (16022507)   0.31190 (12121307)
 3734919.6 | 0.25024 (16022507)   0.26137 (16022507)   0.26669 (16022507)   0.28259 (12121307)   0.29892 (12121307)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423372.45	423422.45	423472.45	423522.45	423572.45
3736869.6	0.22853 (12121308)	0.26927 (12112107)	0.31639 (12112107)	0.34379 (12112107)	0.33597 (12112107)
3736819.6	0.23950 (12121308)	0.26032 (12112107)	0.30907 (12112107)	0.34295 (12112107)	0.35057 (12112107)
3736769.6	0.24454 (12121308)	0.25136 (12121308)	0.30915 (12112107)	0.35543 (12112107)	0.36348 (12112107)
3736719.6	0.25367 (12102907)	0.26208 (12121308)	0.29644 (12112107)	0.34753 (12112107)	0.37510 (12112107)
3736669.6	0.26349 (12102907)	0.26942 (12121308)	0.29032 (12112107)	0.35378 (12112107)	0.38430 (12112107)
3736619.6	0.26625 (12102907)	0.27927 (12102907)	0.28725 (12121308)	0.34125 (12112107)	0.39075 (12112107)
3736569.6	0.31504 (12010207)	0.28770 (12102907)	0.29568 (12121308)	0.33438 (12112107)	0.32925 (12112107)
3736519.6	0.36447 (12010207)	0.32358 (12010207)	0.31231 (12102907)	0.29460 (12112107)	0.34122 (12112107)
3736469.6	0.41349 (12010207)	0.37884 (12010207)	0.30148 (12010207)	0.29400 (12112107)	0.35067 (12112107)
3736419.6	0.45414 (12010207)	0.35506 (12010207)	0.34680 (12010207)	0.32310 (12010207)	0.35659 (12112107)
3736369.6	0.46879 (12010207)	0.38829 (12010207)	0.39245 (12010207)	0.37849 (12010207)	0.35757 (12112107)

 3736319.6 | 0.46260 (12010207)   0.41498 (12010207)   0.43537
(12010207)   0.43616 (12010207)   0.41407 (12010207)
 3736269.6 | 0.44784 (12010207)   0.43113 (12010207)   0.47117
(12010207)   0.49238 (12010207)   0.48780 (12010207)
 3736219.6 | 0.45225 (14010808)   0.43257 (12010207)   0.49422
(12010207)   0.54116 (12010207)   0.56254 (12010207)
 3736169.6 | 0.44842 (16021607)   0.44815 (16021607)   0.49869
(12010207)   0.57464 (12010207)   0.63027 (12010207)
 3736119.6 | 0.50083 (16021607)   0.52474 (16021607)   0.53257
(16021607)   0.58404 (12010207)   0.68009 (12010207)
 3736069.6 | 0.52872 (16021607)   0.58073 (16021607)   0.62191
(16021607)   0.64376 (16021607)   0.69797 (12010207)
 3736019.6 | 0.54805 (15012707)   0.60106 (16021607)   0.67895
(16021607)   0.74772 (16021607)   0.79458 (16021607)
 3735969.6 | 0.54612 (15012707)   0.62523 (15012707)   0.70748
(15012707)   0.80015 (16021607)   0.91444 (16021607)
 3735919.6 | 0.59082 (14021007)   0.64028 (14021007)   0.70555
(15012707)   0.83175 (15012707)   0.96795 (15012707)
 3735869.6 | 0.62780 (14021007)   0.70431 (14021007)   0.79168
(14021007)   0.89006 (14021007)   0.99891 (14021007)
 3735819.6 | 0.62583 (15011207)   0.69459 (15011207)   0.80248
(14021007)   0.93747 (14021007)   1.10574 (14021007)
 3735769.6 | 0.65822 (15011207)   0.74246 (15011207)   0.84685
(15011207)   0.97877 (15011207)   1.14950 (15011207)
 3735719.6 | 0.64188 (12010607)   0.72555 (12010607)   0.82955
(12010607)   0.96201 (12010607)   1.13506 (12010607)
 3735669.6 | 0.65469 (12011208)   0.74092 (12011208)   0.84668
(12011208)   0.97866 (12011208)   1.14642 (12011208)
 3735619.6 | 0.63801 (16030307)   0.71125 (16030307)   0.79770
(16030307)   0.89946 (16030307)   1.06651 (13022807)
 3735569.6 | 0.58896 (13022807)   0.67675 (13022807)   0.77834
(13022807)   0.89446 (13022807)   1.02652 (16021007)
 3735519.6 | 0.59862 (13022807)   0.66464 (13022807)   0.74546
(16021007)   0.84359 (16021007)   0.93721 (16021007)
 3735469.6 | 0.57575 (16021007)   0.63713 (16021007)   0.69388
(16021007)   0.74010 (16021007)   0.80669 (15123008)
 3735419.6 | 0.54177 (16021007)   0.57234 (16021007)   0.59091
(16021007)   0.67905 (15123008)   0.77696 (15123008)
 3735369.6 | 0.47483 (16021007)   0.50333 (15123008)   0.58179
(15123008)   0.64903 (15123008)   0.73308 (16022507)
 3735319.6 | 0.44696 (15123008)   0.50536 (15123008)   0.55350
(15123008)   0.61818 (16022507)   0.66316 (16022507)
 3735269.6 | 0.44412 (15123008)   0.47938 (15123008)   0.53121
(16022507)   0.56628 (16022507)   0.61862 (12121307)
 3735219.6 | 0.42058 (16022507)   0.46352 (16022507)   0.49242
(16022507)   0.52962 (12121307)   0.56546 (12121307)
 3735169.6 | 0.40969 (16022507)   0.43335 (16022507)   0.46001
(12121307)   0.49394 (12121307)   0.51201 (15122908)
 3735119.6 | 0.38536 (16022507)   0.40350 (12121307)   0.43579
(12121307)   0.44913 (12121307)   0.47545 (15122908)
 3735069.6 | 0.35760 (12121307)   0.38700 (12121307)   0.40293
(12121307)   0.41980 (15122908)   0.43848 (15022607)
 3735019.6 | 0.34644 (12121307)   0.36286 (12121307)   0.37162
(15122908)   0.39130 (15122908)   0.40616 (15022607)

3734969.6	0.32856 (12121307)	0.33394 (12121307)	0.35224 (15122908)
	0.36508 (15022607)	0.37580 (15013007)	
3734919.6	0.30635 (12121307)	0.31726 (15122908)	0.32925 (15122908)
	0.34065 (15022607)	0.35470 (16021107)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423622.45	423672.45	423722.45	423772.45	423822.45
3736869.6	0.31972 (12112107)	0.31582 (12010508)	0.31230 (15011907)	0.29381 (15011907)	0.34240 (15012007)
3736819.6	0.34531 (12112107)	0.32935 (12010508)	0.33105 (12010508)	0.31540 (15011907)	0.35546 (15012007)
3736769.6	0.36993 (12112107)	0.34305 (12010508)	0.35387 (12010508)	0.33827 (15011907)	0.37195 (15012007)
3736719.6	0.38754 (12112107)	0.36482 (12112107)	0.37779 (12010508)	0.36116 (15011907)	0.38917 (15012007)
3736669.6	0.42025 (12112107)	0.40356 (12112107)	0.40197 (12010508)	0.38549 (15011907)	0.40853 (15012007)
3736619.6	0.44373 (12112107)	0.44207 (12112107)	0.42675 (12010508)	0.41523 (15011907)	0.43166 (15012007)
3736569.6	0.46603 (12112107)	0.46909 (12112107)	0.44943 (12010508)	0.44428 (12010508)	0.45175 (15012007)
3736519.6	0.47546 (12112107)	0.49312 (12112107)	0.49062 (12112107)	0.47451 (12010508)	0.47287 (15012007)
3736469.6	0.49020 (12112107)	0.42428 (12112107)	0.53986 (12112107)	0.50917 (12010508)	0.49714 (15012007)
3736419.6	0.49497 (12112107)	0.45714 (12112107)	0.59188 (12112107)	0.54952 (12010508)	0.54003 (15011907)
3736369.6	0.43208 (12112107)	0.49017 (12112107)	0.64306 (12112107)	0.50771 (12112107)	0.59197 (12010508)

3736319.6 | 0.44338 (12112107) 0.52193 (12112107) 0.57006 (12112107) 0.57364 (12112107) 0.55415 (12010508)
3736269.6 | 0.45310 (12010207) 0.55025 (12112107) 0.62462 (12112107) 0.64910 (12112107) 0.62343 (12010508)
3736219.6 | 0.54873 (12010207) 0.57253 (12112107) 0.68025 (12112107) 0.73504 (12112107) 0.71350 (12112107)
3736169.6 | 0.64975 (12010207) 0.62071 (12010207) 0.73368 (12112107) 0.83156 (12112107) 0.83755 (12112107)
3736119.6 | 0.74649 (12010207) 0.76075 (12010207) 0.77908 (12112107) 0.93709 (12112107) 0.98923 (12112107)
3736069.6 | 0.82286 (12010207) 0.90356 (12010207) 0.90286 (12010207) 1.04765 (12112107) 1.17545 (12112107)
3736019.6 | 0.85558 (12010207) 1.02512 (12010207) 1.12390 (12010207) 1.15519 (12112107) 1.40159 (12112107)
3735969.6 | 1.00771 (16021607) 1.08659 (12010207) 1.33110 (12010207) 1.44911 (12010207) 1.67719 (12112107)
3735919.6 | 1.14023 (16021607) 1.32415 (16021607) 1.45492 (12010207) 1.84142 (12010207) 2.01434 (12112107)
3735869.6 | 1.19335 (15012707) 1.45696 (15012707) 1.82911 (16021607) 2.19634 (16021607) 2.86116 (12010207)
3735819.6 | 1.31758 (14021007) 1.58834 (14021007) 1.94734 (15020607) 2.69532 (16021607) 4.16826 (16021607)
3735769.6 | 1.37726 (15011207) 1.69432 (15011207) 2.16255 (15011207) 2.94069 (15011207) 4.56600 (15011207)
3735719.6 | 1.36845 (12010607) 1.69651 (12010607) 2.19554 (15011207) 3.01871 (15011207) 4.63398 (15011207)
3735669.6 | 1.37060 (16030307) 1.67823 (16030307) 2.11942 (16030307) 2.93010 (13022807) 4.51531 (13022807)
3735619.6 | 1.29402 (13022807) 1.57855 (13022807) 1.97458 (16021007) 2.51089 (16021007) 3.63558 (16022507)
3735569.6 | 1.20975 (16021007) 1.39780 (16021007) 1.62336 (15123008) 2.11090 (16022507) 2.57360 (12121307)
3735519.6 | 1.01577 (16021007) 1.21323 (15123008) 1.47526 (16022507) 1.73594 (12121307) 1.95782 (15022607)
3735469.6 | 0.95377 (15123008) 1.11896 (16022507) 1.27415 (12121307) 1.41139 (15122908) 1.58352 (16021107)
3735419.6 | 0.89034 (16022507) 0.98637 (12121307) 1.09488 (12121307) 1.19579 (15022607) 1.29599 (16021107)
3735369.6 | 0.79246 (12121307) 0.88716 (12121307) 0.94901 (15122908) 1.03350 (16021107) 1.08808 (14112607)
3735319.6 | 0.73369 (12121307) 0.77642 (15122908) 0.83529 (15022607) 0.90075 (16021107) 0.93848 (14112607)
3735269.6 | 0.65400 (12121307) 0.69665 (13011807) 0.74326 (16021107) 0.78285 (14121808) 0.81406 (14112607)
3735219.6 | 0.59503 (15122908) 0.62810 (15022607) 0.67114 (16021107) 0.68828 (14112607) 0.71624 (14021108)
3735169.6 | 0.54174 (13011807) 0.56833 (16021107) 0.60217 (14121808) 0.62135 (14112607) 0.63463 (14021108)
3735119.6 | 0.49640 (15022607) 0.52556 (16021107) 0.54131 (14121808) 0.56095 (14112607) 0.56520 (14021108)
3735069.6 | 0.45436 (15013007) 0.48247 (16021107) 0.48952 (14120107) 0.50785 (14021108) 0.50759 (15012307)
3735019.6 | 0.42629 (16021107) 0.44243 (14121808) 0.45124 (14112607) 0.46457 (14021108) 0.45974 (15012307)

 3734969.6 | 0.39778 (16021107)   0.40496 (14121808)   0.41753 (14112607)   0.42621 (14021108)   0.41960 (14021307)
 3734919.6 | 0.36936 (14121808)   0.37302 (14120107)   0.38588 (14112607)   0.39097 (14021108)   0.38961 (16010108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423872.45	423922.45	423972.45	424022.45	424072.45
3736869.6	0.35698 (15012007)	0.34819 (15012007)	0.33241 (13010307)	0.33862 (14120407)	0.35347 (14022007)
3736819.6	0.37638 (15012007)	0.36773 (15012007)	0.35002 (13010307)	0.35888 (14120407)	0.37160 (14022007)
3736769.6	0.39607 (15012007)	0.38801 (15012007)	0.36937 (13010307)	0.37716 (14120407)	0.39153 (14022007)
3736719.6	0.41774 (15012007)	0.41036 (15012007)	0.38994 (13010307)	0.39848 (14120407)	0.41534 (14022007)
3736669.6	0.44444 (15012007)	0.43676 (15012007)	0.41602 (13010307)	0.42659 (14022007)	0.44016 (14022007)
3736619.6	0.47416 (15012007)	0.46256 (15012007)	0.44149 (13010307)	0.45766 (14022007)	0.46785 (14022007)
3736569.6	0.50080 (15012007)	0.49324 (15012007)	0.46898 (13010307)	0.48995 (14022007)	0.49211 (14022007)
3736519.6	0.52303 (15012007)	0.52446 (15012007)	0.50346 (13010307)	0.53062 (14022007)	0.52055 (14022007)
3736469.6	0.55876 (15012007)	0.56398 (15012007)	0.53666 (13010307)	0.56964 (14022007)	0.54747 (14022007)
3736419.6	0.60834 (15012007)	0.61395 (15012007)	0.58699 (13010307)	0.61770 (14022007)	0.57930 (14022007)
3736369.6	0.53459 (15012007)	0.65949 (15012007)	0.62945 (14120407)	0.66603 (14022007)	0.61950 (13122307)

 3736319.6 | 0.59112 (15012007)   0.60293 (15012007)   0.58100
(14022007)   0.59769 (14022007)   0.57007 (13122307)
 3736269.6 | 0.65855 (15012007)   0.67739 (15012007)   0.65699
(14022007)   0.66777 (14022007)   0.64321 (13122307)
 3736219.6 | 0.74012 (15012007)   0.76881 (15012007)   0.75018
(14022007)   0.75138 (14022007)   0.72866 (13122307)
 3736169.6 | 0.83967 (15012007)   0.88290 (15012007)   0.86702
(14022007)   0.85210 (14022007)   0.82844 (13122307)
 3736119.6 | 0.96408 (15012007)   1.02985 (15012007)   1.01606
(14022007)   0.98189 (13122307)   0.94446 (13122307)
 3736069.6 | 1.12273 (15012007)   1.22287 (15012007)   1.21118
(14022007)   1.17565 (13122307)   1.11321 (16031007)
 3736019.6 | 1.40801 (12112107)   1.48528 (15012007)   1.47454
(14022007)   1.42785 (13122307)   1.35028 (13121707)
 3735969.6 | 1.81097 (12112107)   1.85872 (15012007)   1.84596
(14022007)   1.76516 (13122307)   1.64346 (13121707)
 3735919.6 | 2.39891 (12112107)   2.41893 (15012007)   2.41382
(13122307)   2.31108 (13121707)   2.05623 (15030607)
 3735869.6 | 3.37682 (12112107)   3.35057 (15012007)   3.49841
(13122307)   3.28667 (13121707)   2.69439 (15030607)
 3735819.6 | 4.82041 (12112107)   4.84405 (13122307)   5.14604
(13122307)   5.24884 (15030607)   3.37891 (14022107)
 3735769.6 | 4.49245 (15011207)   4.22698 (13122307)   4.45152
(13122307)   4.87385 (16020907)   3.55537 (13121708)
 3735719.6 | 4.44851 (15011207)   3.77226 (13012907)   4.35803
(12013008)   5.04266 (12013008)   3.80366 (12013008)
 3735669.6 | 4.51933 (13022807)   4.49049 (13012907)   4.64280
(13012907)   4.90784 (13012308)   3.67944 (12013008)
 3735619.6 | 4.47132 (16021107)   4.62313 (14021307)   4.65472
(13012907)   4.39198 (12030907)   3.09778 (13012308)
 3735569.6 | 2.91775 (16021107)   3.08645 (16010108)   2.99730
(13110707)   2.81465 (13123108)   2.42628 (12030907)
 3735519.6 | 2.15544 (14112607)   2.27836 (16010108)   2.20437
(13110707)   2.12102 (13123108)   1.87259 (13112707)
 3735469.6 | 1.67733 (14112607)   1.77762 (16010108)   1.71937
(13110707)   1.65090 (13123108)   1.50636 (14111807)
 3735419.6 | 1.34393 (14112607)   1.44281 (16010108)   1.39459
(13110707)   1.31610 (13120207)   1.29263 (13123108)
 3735369.6 | 1.11024 (15010707)   1.19519 (16010108)   1.15774
(13110707)   1.10599 (14112707)   1.09646 (13123108)
 3735319.6 | 0.95834 (16010108)   1.01547 (16010108)   0.98412
(13110707)   0.95135 (14112707)   0.93044 (13123108)
 3735269.6 | 0.83902 (16010108)   0.87633 (16010108)   0.84902
(13110707)   0.82869 (15020507)   0.79445 (13120207)
 3735219.6 | 0.74117 (16010108)   0.76611 (16010108)   0.74194
(13110707)   0.72808 (15020507)   0.69669 (13120207)
 3735169.6 | 0.66172 (16010108)   0.67770 (16010108)   0.65619
(13110707)   0.64538 (15020507)   0.62120 (14112707)
 3735119.6 | 0.59524 (16010108)   0.60546 (16010108)   0.58566
(13110707)   0.57602 (15020507)   0.56318 (14112707)
 3735069.6 | 0.54033 (16010108)   0.54604 (16010108)   0.52730
(13110707)   0.51894 (13110707)   0.51209 (14112707)
 3735019.6 | 0.49281 (16010108)   0.49550 (16010108)   0.47777
(13110707)   0.47396 (13110707)   0.46865 (15020507)

3734969.6 | 0.45192 (16010108) 0.45227 (16010108) 0.43538 (13110707) 0.43462 (13110707) 0.43001 (15020507)
3734919.6 | 0.41521 (16010108) 0.41534 (16010108) 0.39922 (13110707) 0.40073 (13110707) 0.39622 (15020507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	424122.45	424172.45	424222.45	424272.45	424322.45
3736869.6	0.34982 (14022007)	0.31541 (14022007)	0.33426 (13122307)	0.34124 (13122307)	0.31590 (13122307)
3736819.6	0.36359 (14022007)	0.33392 (13122307)	0.35604 (13122307)	0.35243 (13122307)	0.32089 (13122307)
3736769.6	0.37849 (14022007)	0.36084 (13122307)	0.37484 (13122307)	0.36291 (13122307)	0.32502 (13122307)
3736719.6	0.39303 (14022007)	0.38838 (13122307)	0.39476 (13122307)	0.37321 (13122307)	0.35431 (16031007)
3736669.6	0.41027 (14022007)	0.41884 (13122307)	0.41287 (13122307)	0.38067 (13122307)	0.38598 (16031007)
3736619.6	0.42465 (14022007)	0.45055 (13122307)	0.43406 (13122307)	0.39555 (16031007)	0.42241 (16031007)
3736569.6	0.46592 (13122307)	0.48668 (13122307)	0.45787 (13122307)	0.44093 (16031007)	0.45609 (16031007)
3736519.6	0.50165 (13122307)	0.50575 (13122307)	0.46362 (13122307)	0.47550 (16031007)	0.47521 (13121707)
3736469.6	0.54220 (13122307)	0.53102 (13122307)	0.49499 (16031007)	0.51487 (16031007)	0.50424 (13121707)
3736419.6	0.57617 (13122307)	0.56201 (13122307)	0.53933 (16031007)	0.55083 (13121707)	0.51074 (13121707)
3736369.6	0.51032 (13122307)	0.59077 (13122307)	0.60018 (16031007)	0.47028 (13121707)	0.53398 (16121407)

3736319.6	0.56094 (13122307)	0.65564 (16031007)	0.53416 (13121707)
	0.61599 (13121707)	0.46866 (16121407)	
3736269.6	0.61635 (13122307)	0.61010 (16031007)	0.58653 (13121707)
	0.53538 (16121407)	0.52018 (15032607)	
3736219.6	0.68958 (16031007)	0.68237 (13121707)	0.63506 (13121707)
	0.59378 (15032607)	0.57563 (15030607)	
3736169.6	0.79802 (16031007)	0.76383 (13121707)	0.69046 (16121407)
	0.66930 (15030607)	0.62816 (15030607)	
3736119.6	0.92036 (13121707)	0.84000 (13121707)	0.79445 (15032607)
	0.74573 (15030607)	0.67058 (13111407)	
3736069.6	1.06100 (13121707)	0.96075 (15032607)	0.90550 (15030607)
	0.80574 (13111407)	0.70473 (12010408)	
3736019.6	1.19621 (13121707)	1.13317 (15030607)	0.99599 (13111407)
	0.86194 (12010408)	0.78241 (15122907)	
3735969.6	1.47901 (15030607)	1.28109 (13111407)	1.08676 (12010408)
	0.96030 (15122907)	0.86276 (14022107)	
3735919.6	1.75188 (13111407)	1.43087 (12010408)	1.23185 (14022107)
	1.07107 (14022107)	0.92729 (16020907)	
3735869.6	2.04087 (15122907)	1.66958 (14022107)	1.37338 (16020907)
	1.15255 (13010908)	0.97224 (13010908)	
3735819.6	2.40290 (16020907)	1.81392 (13010908)	1.48412 (13121708)
	1.24440 (13121708)	1.05410 (13121708)	
3735769.6	2.56400 (13101507)	1.97081 (13101507)	1.57639 (13101507)
	1.29454 (13101507)	1.08591 (13101507)	
3735719.6	2.66116 (12013008)	1.98354 (12013008)	1.56684 (12011008)
	1.28719 (12011008)	1.08286 (12011008)	
3735669.6	2.63334 (12013008)	2.04784 (12013008)	1.64835 (12013008)
	1.35663 (12013008)	1.13706 (12013008)	
3735619.6	2.36790 (13012308)	1.82050 (12010608)	1.45168 (15012108)
	1.22763 (15012108)	1.07255 (12013008)	
3735569.6	1.92497 (13110807)	1.64439 (13012308)	1.39050 (13012308)
	1.16126 (12010608)	0.97091 (12010608)	
3735519.6	1.64651 (12030907)	1.36807 (13110807)	1.21640 (15123108)
	1.08702 (13012308)	0.95104 (13012308)	
3735469.6	1.36053 (12030907)	1.22569 (12030907)	1.04142 (13010108)
	0.95264 (13110807)	0.86578 (15123108)	
3735419.6	1.16578 (13112707)	1.06684 (12030907)	0.96153 (12030907)
	0.83848 (13010108)	0.77706 (13110807)	
3735369.6	0.99132 (14111807)	0.92884 (13112707)	0.86494 (12030907)
	0.78484 (13010108)	0.69527 (13010108)	
3735319.6	0.89273 (13123108)	0.82057 (14111807)	0.76213 (14102807)
	0.72044 (12030907)	0.65914 (13010108)	
3735269.6	0.79555 (13123108)	0.72388 (15010608)	0.69003 (13112707)
	0.63962 (16022907)	0.61135 (12030907)	
3735219.6	0.70241 (13123108)	0.66524 (13123108)	0.62066 (14111807)
	0.58722 (14102807)	0.55380 (12030907)	
3735169.6	0.61823 (13123108)	0.60961 (13123108)	0.56019 (15010608)
	0.53847 (13112707)	0.50966 (14102807)	
3735119.6	0.54867 (13120207)	0.55393 (13123108)	0.52136 (13123108)
	0.49217 (14111807)	0.47267 (13112707)	
3735069.6	0.49716 (13120207)	0.50039 (13123108)	0.48675 (13123108)
	0.45163 (15010608)	0.43559 (14111807)	
3735019.6	0.45044 (13120207)	0.45037 (13123108)	0.45095 (13123108)
	0.42310 (13123108)	0.40321 (14111807)	

 3734969.6 | 0.41248 (14112707)   0.40928 (13120207)   0.41495 (13123108)   0.40025 (13123108)   0.37502 (15010608)
 3734919.6 | 0.38425 (14112707)   0.37853 (13120207)   0.38023 (13123108)   0.37597 (13123108)   0.35233 (13123108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 ,
A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 ,
A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 ,
A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	424372.45	424422.45	424472.45	424522.45	424572.45
3736869.6	0.29204 (16031007)	0.31953 (16031007)	0.33048 (16031007)	0.33239 (13121707)	0.31134 (13121707)
3736819.6	0.32267 (16031007)	0.34312 (16031007)	0.35113 (13121707)	0.33899 (13121707)	0.31072 (15010808)
3736769.6	0.34508 (16031007)	0.36070 (16031007)	0.36708 (13121707)	0.34162 (13121707)	0.32678 (16121407)
3736719.6	0.37790 (16031007)	0.38438 (13121707)	0.37571 (13121707)	0.34055 (15010808)	0.34543 (16121407)
3736669.6	0.39448 (16031007)	0.40318 (13121707)	0.38166 (13121707)	0.36355 (16121407)	0.35645 (16121407)
3736619.6	0.42290 (13121707)	0.41956 (13121707)	0.38737 (16121407)	0.38454 (16121407)	0.35710 (15032607)
3736569.6	0.45018 (13121707)	0.42487 (13121707)	0.41448 (16121407)	0.39185 (16121407)	0.39243 (15030607)
3736519.6	0.45804 (13121707)	0.43847 (16121407)	0.43088 (16121407)	0.42036 (15030607)	0.42871 (15030607)
3736469.6	0.45654 (13121707)	0.47006 (16121407)	0.44308 (15032607)	0.46312 (15030607)	0.45363 (15030607)
3736419.6	0.49314 (16121407)	0.48283 (16121407)	0.50121 (15030607)	0.49081 (15030607)	0.45434 (13111407)
3736369.6	0.52479 (16121407)	0.54250 (15030607)	0.54113 (15030607)	0.50402 (13111407)	0.46484 (13111407)

3736319.6	0.56234 (15030607)	0.59534 (15030607)	0.55951 (13111407)	0.50254 (13111407)	0.45019 (13021507)
3736269.6	0.64206 (15030607)	0.60722 (13111407)	0.56943 (13111407)	0.49275 (13021507)	0.48060 (12010408)
3736219.6	0.69261 (15030607)	0.63366 (13111407)	0.55339 (13021507)	0.54294 (12010408)	0.51955 (15122907)
3736169.6	0.71032 (13111407)	0.62035 (13021507)	0.61059 (12010408)	0.58839 (15122907)	0.54291 (15122907)
3736119.6	0.71022 (12010408)	0.69003 (12010408)	0.65395 (15122907)	0.59440 (15122907)	0.57780 (14022107)
3736069.6	0.79489 (15122907)	0.74030 (15122907)	0.68451 (14022107)	0.64734 (14022107)	0.59551 (14022107)
3736019.6	0.70367 (14022107)	0.79625 (14022107)	0.72039 (14022107)	0.66585 (16020907)	0.62093 (16020907)
3735969.6	0.76814 (14022107)	0.68441 (16020907)	0.61977 (13010908)	0.56214 (13010908)	0.62033 (13010908)
3735919.6	0.81715 (13010908)	0.72069 (13010908)	0.63170 (13010908)	0.57769 (13121708)	0.53362 (13121708)
3735869.6	0.85749 (13121708)	0.76667 (13121708)	0.68617 (13121708)	0.61510 (13121708)	0.55289 (13121708)
3735819.6	0.90162 (13121708)	0.79435 (13101507)	0.70736 (13101507)	0.63389 (13101507)	0.57178 (13101507)
3735769.6	0.92629 (13101507)	0.80138 (13101507)	0.70131 (13101507)	0.61982 (13101507)	0.55338 (12011008)
3735719.6	0.92849 (12011008)	0.80823 (12011008)	0.71251 (12011008)	0.63463 (12011008)	0.57054 (12011008)
3735669.6	0.96737 (12013008)	0.83332 (12013008)	0.72559 (12013008)	0.63769 (12013008)	0.56517 (12013008)
3735619.6	0.94409 (12013008)	0.83541 (12013008)	0.74311 (12013008)	0.66437 (12013008)	0.59701 (12013008)
3735569.6	0.85450 (15012108)	0.76349 (15012108)	0.68097 (15012108)	0.62508 (12013008)	0.57466 (12013008)
3735519.6	0.82893 (12010608)	0.72026 (12010608)	0.63632 (12030507)	0.58383 (15012108)	0.53652 (15012108)
3735469.6	0.79172 (13012308)	0.70623 (13012308)	0.63251 (12010608)	0.56336 (12010608)	0.50624 (12030507)
3735419.6	0.71561 (15123108)	0.66332 (13012308)	0.61102 (13012308)	0.55218 (13012308)	0.50449 (12010608)
3735369.6	0.64836 (13110807)	0.60014 (15123108)	0.56357 (15123108)	0.52932 (13012308)	0.49054 (13012308)
3735319.6	0.59047 (13010108)	0.55106 (13110807)	0.51933 (13110807)	0.48887 (15123108)	0.46000 (13012308)
3735269.6	0.56386 (13010108)	0.50962 (13010108)	0.47479 (13110807)	0.45432 (13110807)	0.42714 (15123108)
3735219.6	0.52799 (12030907)	0.49025 (13010108)	0.44633 (13010108)	0.41439 (13110807)	0.40123 (13110807)
3735169.6	0.48584 (12030907)	0.46158 (12030907)	0.43153 (13010108)	0.39533 (13010108)	0.36548 (13110807)
3735119.6	0.44585 (14102807)	0.43063 (12030907)	0.40791 (12030907)	0.38386 (13010108)	0.35373 (13010108)
3735069.6	0.41748 (14102807)	0.39535 (16022907)	0.38470 (12030907)	0.36396 (12030907)	0.34461 (13010108)
3735019.6	0.39072 (13112707)	0.37377 (14102807)	0.35609 (16022907)	0.34644 (12030907)	0.32740 (12030907)

 3734969.6 | 0.36360 (14111807)   0.35108 (13112707)   0.33549
(14102807)   0.32305 (12030907)   0.31402 (12030907)
 3734919.6 | 0.33828 (14111807)   0.32979 (13112707)   0.31813
(14102807)   0.30256 (14102807)   0.29544 (12030907)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
423808.64	3735782.01	3.86392	(14021007)	423778.42	3735711.03	3.16432	(16030307)
423675.73	3735807.74	1.65299	(14021007)	423822.52	3735853.96	3.21761	(12010207)
423884.78	3735852.50	3.95299	(12112107)	423598.82	3735852.10	1.13513	(14021007)
423550.18	3735806.89	1.01812	(14021007)	423486.18	3735850.67	0.83943	(14021007)
423388.42	3735807.38	0.65896	(15011207)	423265.85	3735853.10	0.49012	(14021007)
423243.47	3735813.71	0.49232	(15011207)	423093.67	3735863.32	0.36123	(15011207)
423190.94	3735810.30	0.45071	(15011207)	423787.26	3735854.08	2.57452	(16021607)
424037.75	3735799.11	5.02734	(16020907)	424038.72	3735764.09	4.86463	(16020907)
424037.26	3735729.07	5.08985	(12013008)	424039.21	3735703.29	5.15090	(12013008)
424037.75	3735675.57	5.05866	(12013008)	424019.75	3735624.50	4.65415	(12030907)
423977.74	3735628.22	5.00699	(13012907)	423929.31	3735627.85	4.96526	(13110707)
423887.30	3735627.30	4.74384	(14112607)	423857.76	3735627.85	4.66289	(15022607)

```
        423815.39   3735653.53        4.08453  (13022807)
423813.92   3735599.60        2.99650  (16022507)
        423939.99   3735858.43        3.65079  (15012007)
423977.32   3735859.45        3.84034  (13122307)
        423741.06   3735859.42        2.04920  (16021607)
423707.67   3735859.42        1.74039  (16021607)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.18768 AT (423972.45, 3735769.57, 50.10, 50.10, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.17756 AT (423922.45, 3735719.57, 50.40, 50.40, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.17749 AT (423972.45, 3735719.57, 49.70, 49.70, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.17620 AT (423922.45, 3735769.57, 49.90, 49.90, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.15656 AT (424022.45, 3735769.57, 49.40, 50.30, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.14886 AT (423972.45, 3735819.57, 49.80, 49.80, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.14410 AT (424022.45, 3735719.57, 49.20, 49.20, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.13752 AT (424022.45, 3735819.57, 49.70, 49.70, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.13736 AT (424038.72, 3735764.09, 49.34, 49.34, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.13690 AT (424037.75, 3735799.11, 49.61, 49.61, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

** CONC OF PM_10 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	5.24884	ON 15030607: AT (424022.45, 3735819.57, 49.70, 49.70, 0.00)	GC	UCART1

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1864 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1500 Calm Hours Identified

A Total of 364 Missing Hours Identified (0.83 Percent)

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

******** WARNING MESSAGES ********
ME W186 627 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 627 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

APPENDIX B.2 – AERMOD MITIGATED CONSTRUCTION MODEL OUTPUT

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 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,

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/28/2025
** File: C:\Lakes\AERMOD
View\25_011_Cypress_Con_Mit\25_011_Cypress_Con_Mit.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD
View\25_011_Cypress_Con_Mit\25_011_Cypress_Con_Mit.i
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 3136000 Orange_County_Population
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 25_011_Cypress_Con_Mit.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   423839.784  3735819.287       50.060
** DESCRSRC Project Site Area source
** ------------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: Project Site to Main Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.3361E-09
** Nodes = 6
** 423995.998, 3735728.554, 49.46, 2.64
** 423831.613, 3735728.554, 49.45, 2.64
** 423831.614, 3735837.247, 50.33, 2.64
** 423408.242, 3735828.198, 51.83, 2.64
** 423213.812, 3735835.676, 52.51, 2.64
```

```
** 423111.362, 3735835.676, 54.32, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000001     AREA     423995.998 3735736.554 49.55
   LOCATION A0000002     AREA     423913.805 3735736.554 50.28
   LOCATION A0000003     AREA     423839.613 3735728.554 49.36
   LOCATION A0000004     AREA     423831.443 3735845.245 50.20
   LOCATION A0000005     AREA     423690.319 3735842.229 50.84
   LOCATION A0000006     AREA     423549.195 3735839.212 51.47
   LOCATION A0000007     AREA     423408.550 3735836.192 51.67
   LOCATION A0000008     AREA     423311.335 3735839.931 52.24
   LOCATION A0000009     AREA     423213.812 3735843.676 52.47
** End of LINE AREA Source ID = OFFS1
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS2
** DESCRSRC Offiste 2: NB 55
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.4881E-09
** Nodes = 10
** 423110.031, 3735838.675, 54.32, 2.64
** 423089.731, 3735853.509, 54.30, 2.64
** 423084.266, 3735860.926, 53.65, 2.64
** 423080.753, 3735877.321, 52.62, 2.64
** 423084.266, 3735958.128, 52.92, 2.64
** 423083.485, 3735999.508, 53.29, 2.64
** 423083.095, 3736017.465, 53.76, 2.64
** 423078.411, 3736118.962, 54.63, 2.64
** 423070.213, 3736198.207, 55.88, 2.64
** 423066.699, 3736245.052, 56.39, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000010     AREA     423112.833 3735842.510 54.31
   LOCATION A0000011     AREA     423093.555 3735856.326 53.82
   LOCATION A0000012     AREA     423088.911 3735861.921 54.03
   LOCATION A0000013     AREA     423085.498 3735877.115 53.89
   LOCATION A0000014     AREA     423089.015 3735958.218 53.48
   LOCATION A0000015     AREA     423088.234 3735999.611 53.69
   LOCATION A0000016     AREA     423087.840 3736017.684 53.83
   LOCATION A0000017     AREA     423085.498 3736068.432 54.29
   LOCATION A0000018     AREA     423083.135 3736119.451 54.71
   LOCATION A0000019     AREA     423074.949 3736198.563 55.78
** End of LINE AREA Source ID = OFFS2
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS3
** DESCRSRC Offsite 3: SB 55
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 1.4868E-09
** Nodes = 14
```

```
** 423109.698, 3735835.564, 54.46, 2.64
** 422927.576, 3735839.704, 54.17, 2.64
** 422923.127, 3735828.262, 54.03, 2.64
** 422912.956, 3735790.122, 53.23, 2.64
** 422914.863, 3735769.145, 52.86, 2.64
** 422918.041, 3735757.702, 52.56, 2.64
** 422933.933, 3735728.461, 50.80, 2.64
** 422965.717, 3735671.886, 46.85, 2.64
** 422977.795, 3735643.281, 45.93, 2.64
** 422982.244, 3735628.025, 45.54, 2.64
** 422986.058, 3735612.768, 45.26, 2.64
** 422986.694, 3735569.543, 45.75, 2.64
** 422984.151, 3735497.076, 45.31, 2.64
** 422989.873, 3735478.005, 45.16, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000020     AREA     423109.806 3735840.312 54.38
   LOCATION A0000021     AREA     423018.745 3735842.383 47.22
   LOCATION A0000022     AREA     422923.149 3735841.426 54.25
   LOCATION A0000023     AREA     422918.537 3735829.486 54.05
   LOCATION A0000024     AREA     422908.225 3735789.692 53.21
   LOCATION A0000025     AREA     422910.286 3735767.873 52.74
   LOCATION A0000026     AREA     422913.868 3735755.434 52.43
   LOCATION A0000027     AREA     422929.792 3735726.135 51.18
   LOCATION A0000028     AREA     422961.341 3735670.039 48.71
   LOCATION A0000029     AREA     422973.235 3735641.951 46.62
   LOCATION A0000030     AREA     422977.636 3735626.873 47.32
   LOCATION A0000031     AREA     422981.309 3735612.699 45.94
   LOCATION A0000032     AREA     422981.947 3735569.709 45.81
   LOCATION A0000033     AREA     422979.602 3735495.711 46.36
** End of LINE AREA Source ID = OFFS3
** Source Parameters **
   SRCPARAM PAREA1        1.24E-07     5.000         4
   AREAVERT PAREA1       423839.784 3735819.287 424031.121 3735823.071
   AREAVERT PAREA1       424029.605 3735636.728 423839.668 3735636.082
** LINE AREA Source ID = OFFS1
   SRCPARAM A0000001     1.3361E-09     2.644    82.192    16.000
180.000     2.459
   SRCPARAM A0000002     1.3361E-09     2.644    82.192    16.000
180.000     2.459
   SRCPARAM A0000003     1.3361E-09     2.644   108.692    16.000   -
89.999     2.459
   SRCPARAM A0000004     1.3361E-09     2.644   141.156    16.000
178.776     2.459
   SRCPARAM A0000005     1.3361E-09     2.644   141.156    16.000
178.776     2.459
   SRCPARAM A0000006     1.3361E-09     2.644   141.156    16.000
178.776     2.459
   SRCPARAM A0000007     1.3361E-09     2.644    97.287    16.000  -
177.797     2.459
   SRCPARAM A0000008     1.3361E-09     2.644    97.287    16.000  -
177.797     2.459
   SRCPARAM A0000009     1.3361E-09     2.644   102.450    16.000
180.000     2.459
** ----------------------------------------------------------------------
```

```
** LINE AREA Source ID = OFFS2
   SRCPARAM A0000010     1.4881E-09     2.644    25.142     9.500  -
143.842     2.459
   SRCPARAM A0000011     1.4881E-09     2.644     9.213     9.500  -
126.384     2.459
   SRCPARAM A0000012     1.4881E-09     2.644    16.768     9.500  -
102.095     2.459
   SRCPARAM A0000013     1.4881E-09     2.644    80.883     9.500   -
87.510     2.459
   SRCPARAM A0000014     1.4881E-09     2.644    41.387     9.500   -
91.081     2.459
   SRCPARAM A0000015     1.4881E-09     2.644    17.961     9.500   -
91.245     2.459
   SRCPARAM A0000016     1.4881E-09     2.644    50.802     9.500   -
92.643     2.459
   SRCPARAM A0000017     1.4881E-09     2.644    50.802     9.500   -
92.643     2.459
   SRCPARAM A0000018     1.4881E-09     2.644    79.668     9.500   -
95.906     2.459
   SRCPARAM A0000019     1.4881E-09     2.644    46.976     9.500   -
94.289     2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = OFFS3
   SRCPARAM A0000020     1.4868E-09     2.644    91.084     9.500  -
178.697     2.459
   SRCPARAM A0000021     1.4868E-09     2.644    91.084     9.500  -
178.697     2.459
   SRCPARAM A0000022     1.4868E-09     2.644    12.277     9.500
111.251     2.459
   SRCPARAM A0000023     1.4868E-09     2.644    39.473     9.500
104.931     2.459
   SRCPARAM A0000024     1.4868E-09     2.644    21.064     9.500
84.806     2.459
   SRCPARAM A0000025     1.4868E-09     2.644    11.875     9.500
74.476     2.459
   SRCPARAM A0000026     1.4868E-09     2.644    33.280     9.500
61.477     2.459
   SRCPARAM A0000027     1.4868E-09     2.644    64.892     9.500
60.673     2.459
   SRCPARAM A0000028     1.4868E-09     2.644    31.051     9.500
67.109     2.459
   SRCPARAM A0000029     1.4868E-09     2.644    15.892     9.500
73.740     2.459
   SRCPARAM A0000030     1.4868E-09     2.644    15.726     9.500
75.964     2.459
   SRCPARAM A0000031     1.4868E-09     2.644    43.231     9.500
89.157     2.459
   SRCPARAM A0000032     1.4868E-09     2.644    72.512     9.500
92.010     2.459
   SRCPARAM A0000033     1.4868E-09     2.644    19.910     9.500
73.301     2.459
** ------------------------------------------------------------------
   URBANSRC ALL
```

```
** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA1       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA1       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000001     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000002     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000003     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000004     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000005     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000006     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000007     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000008     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000009     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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** Saturday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000010     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000011     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000012     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000013     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000014     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000015     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000016     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000017     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000018     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000019     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000020     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000021     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000022     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000023     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT A0000024     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000025     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000026     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000027     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000028     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000029     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000030     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000031     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000032     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000033     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED 25_011_Cypress_Con_Mit.rou
```

```
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.SFC"
   PROFFILE "..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.PFL"
   SURFDATA 93184 2012 John_Wayne_Airport
   UAIRDATA 3190 2012
   PROFBASE 17.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST 25_011_CYPRESS_CON_MIT.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL 25_011_CYPRESS_CON_MIT.AD\PE00GALL.PLT 32
   SUMMFILE 25_011_Cypress_Con_Mit.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     627       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
 ME W187     627       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

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

*** 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    34 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   3136000.0 ;  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:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     34 Source(s);       1 Source Group(s); and  1630 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:     34 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) =    17.00 ;
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:   25_011_Cypress_Con_Mit.err
 **File for Summary of Results:   25_011_Cypress_Con_Mit.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM (METERS)	Y-DIM (METERS)	ORIENT. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.13361E-08	423996.0	3735736.6	49.5	2.64	82.19	16.00	180.00	2.46	YES	HRDOW	NO
A0000002	0	0.13361E-08	423913.8	3735736.6	50.3	2.64	82.19	16.00	180.00	2.46	YES	HRDOW	NO
A0000003	0	0.13361E-08	423839.6	3735728.6	49.4	2.64	108.69	16.00	-90.00	2.46	YES	HRDOW	NO
A0000004	0	0.13361E-08	423831.4	3735845.2	50.2	2.64	141.16	16.00	178.78	2.46	YES	HRDOW	NO
A0000005	0	0.13361E-08	423690.3	3735842.2	50.8	2.64	141.16	16.00	178.78	2.46	YES	HRDOW	NO
A0000006	0	0.13361E-08	423549.2	3735839.2	51.5	2.64	141.16	16.00	178.78	2.46	YES	HRDOW	NO
A0000007	0	0.13361E-08	423408.5	3735836.2	51.7	2.64	97.29	16.00	-177.80	2.46	YES	HRDOW	NO
A0000008	0	0.13361E-08	423311.3	3735839.9	52.2	2.64	97.29	16.00	-177.80	2.46	YES	HRDOW	NO
A0000009	0	0.13361E-08	423213.8	3735843.7	52.5	2.64	102.45	16.00	180.00	2.46	YES	HRDOW	NO
A0000010	0	0.14881E-08	423112.8	3735842.5	54.3	2.64	25.14	9.50	-143.84	2.46	YES	HRDOW	NO
A0000011	0	0.14881E-08	423093.6	3735856.3	53.8	2.64	9.21	9.50	-126.38	2.46	YES	HRDOW	NO
A0000012	0	0.14881E-08	423088.9	3735861.9	54.0	2.64	16.77	9.50	-102.09	2.46	YES	HRDOW	NO
A0000013	0	0.14881E-08	423085.5	3735877.1	53.9	2.64	80.88	9.50	-87.51	2.46	YES	HRDOW	NO
A0000014	0	0.14881E-08	423089.0	3735958.2	53.5	2.64	41.39	9.50	-91.08	2.46	YES	HRDOW	NO
A0000015	0	0.14881E-08	423088.2	3735999.6	53.7	2.64	17.96	9.50	-91.25	2.46	YES	HRDOW	NO
A0000016	0	0.14881E-08	423087.8	3736017.7	53.8	2.64	50.80	9.50	-92.64	2.46	YES	HRDOW	NO

A0000017		0	0.14881E-08	423085.5	3736068.4	54.3		2.64
50.80	9.50	-92.64	2.46	YES	HRDOW		NO	
A0000018		0	0.14881E-08	423083.1	3736119.5	54.7		2.64
79.67	9.50	-95.91	2.46	YES	HRDOW		NO	
A0000019		0	0.14881E-08	423074.9	3736198.6	55.8		2.64
46.98	9.50	-94.29	2.46	YES	HRDOW		NO	
A0000020		0	0.14868E-08	423109.8	3735840.3	54.4		2.64
91.08	9.50	-178.70	2.46	YES	HRDOW		NO	
A0000021		0	0.14868E-08	423018.7	3735842.4	47.2		2.64
91.08	9.50	-178.70	2.46	YES	HRDOW		NO	
A0000022		0	0.14868E-08	422923.1	3735841.4	54.2		2.64
12.28	9.50	111.25	2.46	YES	HRDOW		NO	
A0000023		0	0.14868E-08	422918.5	3735829.5	54.0		2.64
39.47	9.50	104.93	2.46	YES	HRDOW		NO	
A0000024		0	0.14868E-08	422908.2	3735789.7	53.2		2.64
21.06	9.50	84.81	2.46	YES	HRDOW		NO	
A0000025		0	0.14868E-08	422910.3	3735767.9	52.7		2.64
11.88	9.50	74.48	2.46	YES	HRDOW		NO	
A0000026		0	0.14868E-08	422913.9	3735755.4	52.4		2.64
33.28	9.50	61.48	2.46	YES	HRDOW		NO	
A0000027		0	0.14868E-08	422929.8	3735726.1	51.2		2.64
64.89	9.50	60.67	2.46	YES	HRDOW		NO	
A0000028		0	0.14868E-08	422961.3	3735670.0	48.7		2.64
31.05	9.50	67.11	2.46	YES	HRDOW		NO	
A0000029		0	0.14868E-08	422973.2	3735642.0	46.6		2.64
15.89	9.50	73.74	2.46	YES	HRDOW		NO	
A0000030		0	0.14868E-08	422977.6	3735626.9	47.3		2.64
15.73	9.50	75.96	2.46	YES	HRDOW		NO	
A0000031		0	0.14868E-08	422981.3	3735612.7	45.9		2.64
43.23	9.50	89.16	2.46	YES	HRDOW		NO	
A0000032		0	0.14868E-08	422981.9	3735569.7	45.8		2.64
72.51	9.50	92.01	2.46	YES	HRDOW		NO	
A0000033		0	0.14868E-08	422979.6	3735495.7	46.4		2.64
19.91	9.50	73.30	2.46	YES	HRDOW		NO	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

NUMBER SOURCE ID	NUMBER EMISSION RATE INIT. PART. CATS.	URBAN SOURCE	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	AIRCRAFT SZ	EMISSION RATE SCALAR VARY BY
PAREA1	0		0.12400E-06	423839.8	3735819.3	50.1	5.00	4	0.00	YES HRDOW

NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 , A0000033 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	3136000.	PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 ,
		A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 ,
		A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 ,
		A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 ,
		A0000032 , A0000033 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000001 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000002 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000003 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000004 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000005 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000006 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000007 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000008 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000009 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000010 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000011 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000012 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000013 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000014 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000015 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000016 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000017 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000018 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000019 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000020 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000021 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000022 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000024 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000025 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000026 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000027 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000028 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000029 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000030 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000031 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000032 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000033 ; SOURCE TYPE = AREA :

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	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	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 = 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: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

422622.5, 422672.5, 422722.5, 422772.5, 422822.5, 422872.5, 422922.5, 422972.5, 423022.5, 423072.5,
423122.5, 423172.5, 423222.5, 423272.5, 423322.5, 423372.5, 423422.5, 423472.5, 423522.5, 423572.5,
423622.5, 423672.5, 423722.5, 423772.5, 423822.5, 423872.5, 423922.5, 423972.5, 424022.5, 424072.5,
424122.5, 424172.5, 424222.5, 424272.5, 424322.5, 424372.5, 424422.5, 424472.5, 424522.5, 424572.5,

*** Y-COORDINATES OF GRID ***
(METERS)

3734919.6, 3734969.6, 3735019.6, 3735069.6, 3735119.6, 3735169.6, 3735219.6, 3735269.6, 3735319.6, 3735369.6,
3735419.6, 3735469.6, 3735519.6, 3735569.6, 3735619.6, 3735669.6, 3735719.6, 3735769.6, 3735819.6, 3735869.6,
3735919.6, 3735969.6, 3736019.6, 3736069.6, 3736119.6, 3736169.6, 3736219.6, 3736269.6, 3736319.6, 3736369.6,
3736419.6, 3736469.6, 3736519.6, 3736569.6, 3736619.6, 3736669.6, 3736719.6, 3736769.6, 3736819.6, 3736869.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	422622.45	422672.45	422722.45	422772.45	422822.45	422872.45	422922.45	422972.45	423022.45	
3736869.57	59.20	59.80	59.70	59.90	60.10	60.20	60.30	60.30	60.50	
3736819.57	58.70	59.10	58.80	58.90	59.00	59.50	59.90	60.10	60.10	
3736769.57	58.40	59.00	58.70	58.80	58.80	59.10	59.50	59.90	59.50	
3736719.57	58.30	59.00	58.30	58.50	58.70	58.90	59.00	59.70	58.80	
3736669.57	58.00	58.00	58.10	58.20	58.40	58.90	60.10	60.90	58.70	
3736619.57	57.80	57.90	58.10	58.00	58.10	58.10	57.80	58.00	58.10	
3736569.57	57.50	58.00	57.10	57.20	57.50	57.00	57.10	57.30	57.70	
3736519.57	57.20	57.10	57.30	57.00	57.40	57.20	57.50	57.10	57.40	
3736469.57	56.90	57.30	57.10	56.90	57.40	57.20	57.20	56.70	57.20	
3736419.57	56.80	57.20	56.40	56.50	56.20	56.60	56.70	56.40	56.90	
3736369.57	56.50	57.00	56.10	56.10	56.20	56.40	56.60	56.00	56.80	
3736319.57	56.50	56.40	55.90	55.70	55.70	56.00	56.40	55.60	56.50	
3736269.57	56.20	56.30	56.00	56.10	55.70	55.80	56.00	55.30	56.30	
3736219.57	56.00	55.90	55.80	55.20	55.30	55.20	55.50	55.10	56.00	
3736169.57	56.00	55.30	55.10	55.00	55.40	54.90	55.00	54.90	55.40	
3736119.57	55.50	54.80	55.20	54.90	55.20	54.80	54.90	54.70	54.50	

3736069.57	55.10	54.90	55.00	54.70	55.00
54.80	54.80	54.70	53.20		
3736019.57	54.70	54.40	54.20	54.30	54.40
54.40	54.40	54.30	51.70		
3735969.57	54.50	54.40	53.80	53.80	54.00
54.10	54.00	53.90	50.20		
3735919.57	54.20	54.00	53.50	53.20	53.50
53.80	53.80	53.70	48.80		
3735869.57	53.70	53.50	53.30	53.00	53.40
53.40	53.40	53.40	47.50		
3735819.57	53.40	53.30	53.10	53.10	53.20
53.30	53.90	54.40	46.80		
3735769.57	52.40	52.40	52.80	52.90	52.90
53.40	52.20	48.30	46.40		
3735719.57	52.50	52.00	52.40	52.20	51.50
52.30	51.60	47.60	46.20		
3735669.57	51.90	52.50	51.90	51.60	51.90
51.80	52.20	46.80	46.00		
3735619.57	51.40	51.30	51.70	51.80	51.80
51.70	51.60	49.70	45.70		
3735569.57	50.80	51.00	51.50	51.00	51.40
51.10	51.80	51.00	45.40		
3735519.57	50.70	51.00	50.80	50.90	50.80
50.70	51.00	50.70	45.10		
3735469.57	50.60	50.30	50.50	50.50	50.30
50.20	50.60	49.50	44.80		
3735419.57	49.80	50.00	50.30	49.50	49.70
49.90	50.20	47.40	44.50		
3735369.57	50.10	50.20	50.20	49.30	49.50
49.80	50.20	44.20	44.10		
3735319.57	49.20	49.30	49.20	49.20	49.60
49.70	49.90	43.80	43.80		
3735269.57	49.00	49.20	49.30	49.10	50.50
50.60	48.50	43.70	44.80		
3735219.57	47.50	48.80	48.60	49.20	47.80
49.60	50.50	43.40	48.20		
3735169.57	47.70	48.90	48.40	49.30	50.40
50.60	50.30	43.20	48.40		
3735119.57	48.20	48.20	48.00	48.60	47.40
46.20	49.40	43.00	48.60		
3735069.57	47.50	47.70	47.30	48.10	47.40
47.20	48.50	42.80	48.30		
3735019.57	47.60	47.40	47.40	47.70	48.30
48.10	48.40	42.60	47.90		
3734969.57	46.30	47.10	47.00	47.20	47.40
47.80	48.00	42.30	47.80		
3734919.57	45.80	46.70	47.00	47.30	47.50
47.60	44.90	42.00	47.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423072.45	423122.45	423172.45	423222.45	423272.45
3736869.57	61.00	59.90	60.40	60.10	60.60
3736819.57	60.20	59.60	60.20	59.80	60.40
3736769.57	59.40	59.40	59.60	59.50	59.80
3736719.57	58.70	59.10	59.40	59.30	59.60
3736669.57	58.10	60.50	59.60	59.20	58.90
3736619.57	57.90	58.00	57.80	58.10	58.40
3736569.57	57.70	58.30	57.30	58.30	57.60
3736519.57	57.50	57.90	57.00	58.00	57.00
3736469.57	57.20	57.50	56.60	57.40	56.50
3736419.57	57.00	57.10	56.30	57.00	56.10
3736369.57	56.80	56.70	56.00	56.50	55.70
3736319.57	56.60	56.40	55.70	56.00	55.20
3736269.57	56.40	56.00	55.90	55.80	55.90
3736219.57	56.00	54.90	54.70	55.10	55.10
3736169.57	55.60	54.40	55.20	54.90	54.90
3736119.57	54.80	54.40	54.40	54.50	54.40

3736069.57	54.10	53.90	54.00	54.20	53.40
3736019.57	53.60	52.70	53.50	54.40	53.00
3735969.57	53.90	51.30	52.70	53.80	52.70
3735919.57	53.50	50.10	52.30	53.30	52.30
3735869.57	53.00	49.20	52.40	53.00	52.00
3735819.57	52.10	49.10	51.90	54.20	51.70
3735769.57	51.90	46.20	50.90	48.80	51.20
3735719.57	51.20	47.00	51.10	51.20	50.80
3735669.57	51.00	47.50	50.50	51.50	50.20
3735619.57	49.60	48.10	49.50	50.90	49.50
3735569.57	50.10	51.20	49.60	50.90	49.30
3735519.57	49.50	51.10	49.10	50.80	49.00
3735469.57	49.80	50.90	49.80	50.60	49.60
3735419.57	49.30	50.70	49.50	50.20	48.70
3735369.57	48.70	50.30	48.70	50.00	48.50
3735319.57	49.00	50.10	49.00	49.60	48.30
3735269.57	48.40	49.50	48.20	49.40	48.00
3735219.57	47.40	49.40	47.60	49.20	47.10
3735169.57	48.00	49.20	47.40	48.90	46.70
3735119.57	46.50	48.20	46.40	48.40	46.50
3735069.57	47.40	48.20	47.10	48.20	46.20
3735019.57	45.90	47.90	46.40	47.50	45.80
3734969.57	45.90	47.60	45.70	47.50	45.50
3734919.57	45.80	47.30	45.80	47.00	45.20

3736069.57	54.30	54.20	54.10	54.00	53.40
3736019.57	53.80	53.90	53.60	53.50	53.00
3735969.57	53.60	54.00	53.90	52.70	52.60
3735919.57	53.10	53.30	53.50	52.30	52.30
3735869.57	52.80	52.70	53.00	52.40	52.00
3735819.57	52.40	52.20	52.10	51.90	51.70
3735769.57	51.60	51.40	51.90	50.90	51.20
3735719.57	50.90	51.10	51.20	51.10	50.80
3735669.57	51.00	51.00	51.00	50.50	50.20
3735619.57	50.10	49.70	49.60	49.50	49.50
3735569.57	50.40	50.20	50.10	49.60	49.30
3735519.57	50.10	50.00	49.50	49.10	49.00
3735469.57	49.80	49.60	49.80	49.80	49.60
3735419.57	49.50	49.60	49.30	49.50	48.70
3735369.57	49.40	49.20	48.70	48.70	48.50
3735319.57	49.10	48.80	49.00	49.00	48.30
3735269.57	48.50	48.40	48.40	48.20	48.00
3735219.57	48.20	48.00	47.40	47.60	47.10
3735169.57	48.20	48.20	48.00	47.40	46.70
3735119.57	47.70	46.80	46.50	46.40	46.50
3735069.57	47.60	47.70	47.40	47.10	46.20
3735019.57	46.30	46.80	45.90	46.40	45.80
3734969.57	46.70	46.10	45.90	45.70	45.50
3734919.57	46.30	46.10	45.80	45.80	45.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423522.45	423572.45	423622.45	423672.45	423722.45	423772.45	423822.45	423872.45	423922.45
3736869.57	60.90	59.20	60.10	59.50	60.30	59.40	60.40	59.70	60.40
3736819.57	58.90	58.30	59.50	58.90	59.90	59.40	59.70	59.50	60.10
3736769.57	59.30	57.50	58.80	58.40	59.70	59.30	59.40	59.10	59.60
3736719.57	57.30	56.80	57.50	57.80	59.50	58.90	59.00	58.70	59.10
3736669.57	57.70	56.10	57.90	58.00	59.20	58.50	58.70	58.60	58.80
3736619.57	55.80	55.40	57.50	57.90	58.90	58.60	58.70	58.50	58.10
3736569.57	55.20	54.70	57.20	56.70	58.30	57.60	58.00	57.80	57.60
3736519.57	54.80	54.50	56.10	55.50	57.10	56.60	57.20	56.50	56.80
3736469.57	54.70	54.30	55.80	54.60	56.50	55.90	56.50	56.00	56.30
3736419.57	54.40	53.90	55.10	54.20	56.00	55.50	56.10	56.10	56.10
3736369.57	54.30	53.60	54.70	54.10	55.40	54.80	55.40	54.90	55.10
3736319.57	54.20	53.60	54.50	54.00	54.90	54.50	54.80	54.70	54.90
3736269.57	53.70	53.50	54.40	54.40	54.80	54.40	54.40	54.20	54.00
3736219.57	53.40	52.80	53.30	53.00	54.30	53.80	53.70	53.40	53.30
3736169.57	53.40	52.80	53.20	52.50	53.60	53.00	53.50	53.20	53.30
3736119.57	53.40	52.60	52.90	52.30	53.60	52.80	52.90	52.50	52.20

3736069.57	52.60	52.30	52.20	52.30	53.20
52.60	50.60	51.70	51.70		
3736019.57	52.50	52.30	52.20	52.30	51.70
51.50	51.20	50.90	51.70		
3735969.57	52.20	52.10	51.90	52.00	51.60
50.80	50.80	50.60	51.00		
3735919.57	52.00	51.70	51.60	51.80	51.20
50.60	50.60	50.50	50.90		
3735869.57	52.00	52.20	51.30	51.30	51.20
50.40	50.40	50.30	50.80		
3735819.57	51.50	51.30	51.20	51.10	50.80
50.60	50.20	49.90	49.90		
3735769.57	51.10	50.70	50.70	50.10	49.90
49.90	49.70	50.30	49.90		
3735719.57	50.40	50.20	50.50	50.10	49.90
49.80	49.50	49.40	50.40		
3735669.57	50.10	51.00	49.60	49.50	49.30
49.10	49.00	49.70	49.20		
3735619.57	49.80	49.70	49.30	49.00	48.60
48.60	48.60	48.90	48.80		
3735569.57	49.30	49.30	49.20	49.00	48.70
48.70	48.20	48.60	48.60		
3735519.57	47.80	46.80	47.40	48.40	48.20
48.00	47.90	48.20	47.60		
3735469.57	48.00	48.10	48.10	48.00	47.80
47.70	47.60	47.70	47.10		
3735419.57	48.00	48.10	47.60	47.70	47.60
47.50	47.20	47.50	47.90		
3735369.57	47.80	47.70	47.90	48.00	47.60
47.80	46.90	46.50	46.60		
3735319.57	47.50	47.30	47.30	47.40	47.30
47.30	46.60	46.80	46.90		
3735269.57	46.40	46.90	47.10	47.20	47.20
47.10	46.30	46.90	46.70		
3735219.57	46.30	46.50	46.40	46.30	46.30
46.20	45.90	45.90	46.00		
3735169.57	46.20	46.80	46.30	46.30	46.10
46.00	45.60	45.50	45.50		
3735119.57	46.30	46.20	45.90	45.80	45.70
45.50	45.40	44.80	45.10		
3735069.57	46.10	45.90	45.80	45.70	45.60
44.80	45.20	45.40	45.50		
3735019.57	46.00	45.80	45.60	45.50	45.30
44.60	45.00	45.10	45.20		
3734969.57	45.70	45.70	45.60	45.50	45.30
45.30	44.80	44.80	44.60		
3734919.57	45.00	44.80	44.70	44.60	44.60
44.90	44.60	42.20	44.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423972.45	424022.45	424072.45	424122.45	424172.45
3736869.57	59.80	60.00	60.10	60.10	59.70
	59.70	60.40	59.70	60.20	
3736819.57	59.40	60.00	59.50	59.60	59.30
	59.50	59.70	59.30	60.20	
3736769.57	59.00	59.40	59.00	59.20	59.00
	58.90	59.10	59.10	58.90	
3736719.57	58.50	59.00	58.80	58.70	58.60
	58.50	58.70	59.10	59.60	
3736669.57	58.40	58.60	58.50	58.50	58.40
	58.00	58.20	58.30	58.50	
3736619.57	57.90	58.20	58.30	57.90	58.20
	57.90	58.50	58.40	58.50	
3736569.57	57.30	57.60	57.60	58.00	58.30
	58.20	58.20	58.50	58.50	
3736519.57	57.00	57.40	57.10	57.00	57.00
	57.00	57.00	57.00	57.40	
3736469.57	56.20	56.70	56.30	56.30	56.30
	56.50	56.70	56.60	56.30	
3736419.57	56.30	56.30	55.70	55.10	56.10
	55.20	56.00	55.20	56.50	
3736369.57	55.20	55.50	55.30	54.50	55.90
	55.40	54.40	55.70	56.50	
3736319.57	54.80	54.90	54.80	54.00	55.30
	54.10	55.10	54.80	55.70	
3736269.57	54.00	54.30	54.30	53.60	53.90
	54.90	54.40	54.90	56.40	
3736219.57	53.60	53.60	53.70	53.70	54.30
	54.00	54.10	54.50	56.80	
3736169.57	52.60	53.00	53.30	53.70	54.00
	54.00	54.20	54.50	55.90	
3736119.57	51.90	52.40	52.90	53.00	52.90
	53.20	53.20	53.90	55.70	

3736069.57	51.30	51.70	52.20	52.50
52.60	52.90	52.80	53.90	55.20
3736019.57	51.30	51.20	52.10	51.70
52.00	52.10	52.40	54.10	54.90
3735969.57	50.90	50.70	50.80	51.00
51.20	51.70	54.20	53.50	53.90
3735919.57	50.30	50.10	50.50	50.40
50.60	51.30	53.90	53.90	54.40
3735869.57	50.70	49.90	50.90	50.10
50.50	51.50	53.40	53.90	54.10
3735819.57	49.80	49.70	49.40	49.70
50.20	52.40	52.80	53.40	53.40
3735769.57	50.10	49.40	48.60	49.20
49.30	52.40	52.60	52.60	52.80
3735719.57	49.70	49.20	48.30	48.90
49.30	51.90	51.90	52.20	52.10
3735669.57	49.40	49.10	48.20	48.30
49.30	50.30	50.80	51.20	51.50
3735619.57	48.70	48.60	48.50	49.10
50.20	50.60	50.60	51.30	51.50
3735569.57	48.40	48.50	48.40	49.00
50.10	50.20	50.10	50.40	51.00
3735519.57	48.10	47.80	48.20	48.20
49.40	49.80	49.70	49.90	50.60
3735469.57	47.50	47.40	48.00	48.50
48.70	49.30	49.50	49.80	49.70
3735419.57	47.70	47.80	48.00	48.40
48.50	49.00	49.00	49.20	49.50
3735369.57	46.60	46.70	46.90	47.20
47.70	47.90	47.90	48.30	48.80
3735319.57	47.00	47.00	47.30	47.30
47.90	48.00	48.40	48.50	48.80
3735269.57	46.70	46.70	46.90	47.30
47.70	47.10	47.20	47.50	48.00
3735219.57	46.10	46.20	46.30	46.50
46.60	46.70	47.10	47.70	48.00
3735169.57	45.90	46.30	46.30	46.30
46.30	46.50	46.50	46.80	47.10
3735119.57	45.40	46.30	46.10	46.10
46.10	46.40	46.50	46.60	46.90
3735069.57	45.50	45.50	45.70	45.80
45.80	45.70	45.70	45.80	45.80
3735019.57	45.20	45.30	45.30	45.40
45.50	45.60	46.00	46.30	46.10
3734969.57	44.50	44.30	44.40	44.60
44.70	44.90	44.90	45.20	45.50
3734919.57	44.60	44.30	44.50	44.60
44.70	44.40	44.50	45.10	45.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 424422.45	424472.45	424522.45	424572.45
3736869.57	61.00	62.70	63.20	63.10
3736819.57	61.10	62.60	62.40	63.30
3736769.57	60.70	62.10	62.00	62.70
3736719.57	60.60	61.40	62.00	62.10
3736669.57	60.10	61.50	60.90	61.70
3736619.57	60.20	60.90	60.90	60.90
3736569.57	60.00	60.30	60.40	60.40
3736519.57	58.90	59.80	60.40	60.10
3736469.57	58.90	58.90	59.70	60.20
3736419.57	58.40	59.20	59.20	58.30
3736369.57	58.50	58.90	58.40	58.90
3736319.57	58.20	58.20	57.50	58.30
3736269.57	56.70	57.90	57.40	57.30
3736219.57	57.00	57.30	57.30	57.10
3736169.57	56.60	56.70	57.10	56.80
3736119.57	55.90	56.10	56.20	56.60
3736069.57	55.60	55.60	55.90	56.30
3736019.57	55.20	55.20	55.50	55.90
3735969.57	54.90	54.80	54.80	55.50
3735919.57	54.60	54.60	54.60	54.70
3735869.57	54.40	54.30	54.50	53.90
3735819.57	53.30	53.40	54.20	53.70
3735769.57	52.80	53.10	53.50	53.20
3735719.57	52.50	52.60	53.00	52.60
3735669.57	51.80	52.20	52.70	52.10
3735619.57	51.50	51.70	52.00	51.50
3735569.57	51.00	51.10	51.00	50.80
3735519.57	50.50	50.60	50.90	50.30
3735469.57	50.20	49.90	49.80	49.60
3735419.57	49.70	49.50	49.40	49.20
3735369.57	48.70	48.60	48.80	48.70
3735319.57	48.80	48.40	48.20	48.10
3735269.57	48.00	47.70	47.70	47.70
3735219.57	47.90	47.50	47.20	47.20

3735169.57	47.30	47.30	46.80	46.80
3735119.57	47.00	46.50	46.50	46.40
3735069.57	45.90	45.90	45.90	45.90
3735019.57	46.10	45.90	45.70	45.50
3734969.57	45.60	45.50	45.40	45.20
3734919.57	45.70	45.70	45.50	44.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	422622.45	422672.45	422722.45	422772.45	422822.45
3736869.57	59.20	59.80	59.70	59.90	60.10
3736819.57	58.70	59.10	58.80	58.90	59.00
3736769.57	58.40	59.00	58.70	58.80	58.80
3736719.57	58.30	59.00	58.30	58.50	58.70
3736669.57	58.00	58.00	58.10	58.20	58.40
3736619.57	57.80	57.90	58.10	58.00	58.10
3736569.57	57.50	58.00	57.10	57.20	57.50
3736519.57	57.20	57.10	57.30	57.00	57.40
3736469.57	56.90	57.30	57.10	56.90	57.40
3736419.57	56.80	57.20	56.40	56.50	56.20
3736369.57	56.50	57.00	56.10	56.10	56.20
3736319.57	56.50	56.40	55.90	55.70	55.70
3736269.57	56.20	56.30	56.00	56.10	55.70
3736219.57	56.00	55.90	55.80	55.20	55.30
3736169.57	56.00	55.30	55.10	55.00	55.40
3736119.57	55.50	54.80	55.20	54.90	55.20

	422872.45	422922.45	422972.45	423022.45
3736869.57	60.20	60.30	60.30	60.50
3736819.57	59.50	59.90	60.10	60.10
3736769.57	59.10	59.50	59.90	59.50
3736719.57	58.90	59.00	59.70	65.70
3736669.57	62.00	65.10	65.90	65.90
3736619.57	62.40	65.70	65.90	65.90
3736569.57	57.00	57.10	65.80	65.80
3736519.57	57.20	57.50	57.10	57.40
3736469.57	57.20	57.20	56.70	57.20
3736419.57	56.60	56.70	56.40	56.90
3736369.57	56.40	56.60	56.00	56.80
3736319.57	56.00	56.40	55.60	56.50
3736269.57	55.80	56.00	55.30	56.30
3736219.57	55.20	55.50	55.10	56.00
3736169.57	54.90	55.00	54.90	55.40
3736119.57	54.80	54.90	54.70	54.50

3736069.57	55.10	54.90	55.00	54.70	55.00
54.80	54.80	54.70	54.40		
3736019.57	54.70	54.40	54.20	54.30	54.40
54.40	54.40	54.30	54.10		
3735969.57	54.50	54.40	53.80	53.80	54.00
54.10	54.00	53.90	54.20		
3735919.57	54.20	54.00	53.50	53.20	53.50
53.80	53.80	53.70	54.10		
3735869.57	53.70	53.50	53.30	53.00	53.40
53.40	53.40	53.40	54.80		
3735819.57	53.40	53.30	53.10	53.10	53.20
53.30	53.90	54.40	54.80		
3735769.57	52.40	52.40	52.80	52.90	52.90
53.40	52.90	54.80	54.80		
3735719.57	52.50	52.00	52.40	52.20	51.90
52.30	51.60	52.00	46.20		
3735669.57	51.90	52.50	51.90	51.60	51.90
51.80	52.20	52.50	46.00		
3735619.57	51.40	51.30	51.70	51.80	51.80
51.70	51.60	52.20	51.60		
3735569.57	50.80	51.00	51.50	51.00	51.40
51.10	51.80	51.00	51.50		
3735519.57	50.70	51.00	50.80	50.90	50.80
50.70	51.00	50.70	51.40		
3735469.57	50.60	50.30	50.50	50.50	50.30
50.20	50.60	51.00	51.10		
3735419.57	49.80	50.00	50.30	49.50	49.70
49.90	50.20	50.80	50.90		
3735369.57	50.10	50.20	50.20	49.30	49.50
49.80	50.20	50.70	50.60		
3735319.57	49.20	49.30	49.20	49.20	49.60
49.70	49.90	50.30	50.50		
3735269.57	49.00	49.20	49.30	49.10	50.50
50.60	50.80	50.80	50.40		
3735219.57	48.30	48.80	48.60	49.20	50.50
50.30	50.50	50.70	49.40		
3735169.57	48.70	48.90	48.40	49.30	50.40
50.60	50.30	50.70	49.50		
3735119.57	48.20	48.20	48.00	48.60	50.70
50.80	49.40	50.60	48.60		
3735069.57	47.50	47.70	47.30	48.10	48.40
48.20	48.50	49.70	48.30		
3735019.57	47.60	47.40	47.40	47.70	48.30
48.10	48.40	48.70	47.90		
3734969.57	46.30	47.10	47.00	47.20	47.40
47.80	48.00	48.30	47.80		
3734919.57	45.80	46.70	47.00	47.30	47.50
47.60	47.90	48.00	47.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423072.45	423122.45	423172.45	423222.45	423272.45
3736869.57	61.00	59.90	60.40	60.10	60.60
3736819.57	60.20	59.60	60.20	59.80	60.40
3736769.57	59.40	59.40	59.60	59.50	59.80
3736719.57	58.70	59.10	59.40	59.30	59.60
3736669.57	65.90	64.80	62.90	59.20	58.90
3736619.57	65.90	64.80	64.50	58.10	58.40
3736569.57	57.70	58.30	57.30	58.30	57.60
3736519.57	57.50	57.90	57.00	58.00	57.00
3736469.57	57.20	57.50	56.60	57.40	56.50
3736419.57	57.00	57.10	56.30	57.00	56.10
3736369.57	56.80	56.70	56.00	56.50	55.70
3736319.57	56.60	56.40	55.70	56.00	55.20
3736269.57	56.40	56.00	55.90	55.80	55.90
3736219.57	56.00	54.90	54.70	55.10	55.10
3736169.57	55.60	54.40	55.20	54.90	54.90
3736119.57	54.80	54.40	54.40	54.50	54.40

423322.45	423372.45	423422.45	423472.45	
60.60	60.50	61.00		
60.40	59.70	59.10		
59.60	59.90	59.40		
58.80	58.30	57.40		
58.30	57.70	57.90		
57.40	56.80	57.00		
57.00	56.00	55.40		
56.60	55.50	55.10		
56.70	55.20	54.90		
56.80	54.90	54.20		
56.00	54.80	54.10		
55.10	54.80	54.10		
55.40	54.80	53.90		
55.10	54.80	54.00		
54.70	54.60	53.90		
54.30	53.80	53.30		

3736069.57	53.90	54.20	54.40	54.30	54.20
54.10	54.00	53.40	53.00		
3736019.57	54.00	54.40	54.30	53.80	53.90
53.60	53.50	53.00	52.60		
3735969.57	53.60	53.80	53.50	53.60	54.00
53.90	52.70	52.70	52.50		
3735919.57	53.80	53.30	53.40	53.10	53.30
53.50	52.30	52.30	52.10		
3735869.57	54.60	53.00	52.90	52.80	52.70
53.00	52.40	52.00	51.70		
3735819.57	54.60	54.20	53.50	52.40	52.20
52.10	51.90	51.70	51.60		
3735769.57	54.60	54.40	51.80	51.60	51.40
51.90	50.90	51.20	51.10		
3735719.57	47.00	51.20	51.40	50.90	51.10
51.20	51.10	50.80	50.70		
3735669.57	51.10	51.50	51.00	51.00	51.00
51.00	50.50	50.20	50.60		
3735619.57	51.40	50.90	50.60	50.10	49.70
49.60	49.50	49.50	52.70		
3735569.57	51.20	50.90	50.70	50.40	50.20
50.10	49.60	49.30	49.20		
3735519.57	51.10	50.80	50.30	50.10	50.00
49.50	49.10	49.00	48.90		
3735469.57	50.90	50.60	50.20	49.80	49.60
49.80	49.80	49.60	48.40		
3735419.57	50.70	50.20	49.70	49.50	49.60
49.30	49.50	48.70	48.30		
3735369.57	50.30	50.00	49.70	49.40	49.20
48.70	48.70	48.50	48.20		
3735319.57	50.10	49.60	49.20	49.10	48.80
49.00	49.00	48.30	48.00		
3735269.57	49.50	49.40	49.10	48.50	48.40
48.40	48.20	48.00	47.20		
3735219.57	49.40	49.20	48.60	48.20	48.00
47.40	47.60	47.10	47.00		
3735169.57	49.20	48.90	49.00	48.20	48.20
48.00	47.40	46.70	46.80		
3735119.57	48.20	48.40	47.80	47.70	46.80
46.50	46.40	46.50	46.80		
3735069.57	48.20	48.20	47.90	47.60	47.70
47.40	47.10	46.20	46.60		
3735019.57	47.90	47.50	46.80	46.30	46.80
45.90	46.40	45.80	46.10		
3734969.57	47.60	47.50	47.20	46.70	46.10
45.90	45.70	45.50	45.60		
3734919.57	47.30	47.00	46.60	46.30	46.10
45.80	45.80	45.20	45.40		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423522.45	423572.45	423622.45	423672.45	423722.45
3736869.57	60.90	60.60	60.10	59.50	60.30
3736819.57	58.90	58.30	59.50	58.90	59.90
3736769.57	59.30	59.00	58.80	58.40	59.70
3736719.57	57.30	56.80	57.50	57.80	59.50
3736669.57	57.70	56.10	57.90	58.00	59.20
3736619.57	55.80	55.40	57.50	57.90	58.90
3736569.57	55.20	54.70	57.20	56.70	58.30
3736519.57	54.80	54.50	56.10	55.50	57.10
3736469.57	54.70	54.30	55.80	56.50	56.50
3736419.57	54.40	53.90	55.10	54.20	56.00
3736369.57	54.30	53.60	54.70	54.10	55.40
3736319.57	54.20	53.60	54.50	54.00	54.90
3736269.57	53.70	53.50	54.40	54.40	54.80
3736219.57	53.40	52.80	53.30	53.00	54.30
3736169.57	53.40	52.80	53.20	52.50	53.60
3736119.57	53.40	52.60	52.90	52.30	53.60

59.40	60.40	59.70	60.40	
59.40	59.70	59.50	60.10	
59.30	59.40	59.10	59.60	
58.90	59.00	58.70	59.10	
58.50	58.70	58.60	58.80	
58.60	58.70	58.50	58.10	
57.60	58.00	57.80	57.60	
56.60	57.20	56.50	56.80	
55.90	56.50	56.00	56.30	
55.50	56.10	56.10	56.10	
54.80	55.40	54.90	55.10	
54.50	54.80	54.70	54.90	
54.40	54.40	54.20	54.00	
53.80	53.70	53.40	53.30	
53.00	53.50	53.20	53.30	
52.80	52.90	52.50	52.20	

3736069.57	52.60	52.30	52.20	52.30	53.20
52.60	53.00	51.70	51.70		
3736019.57	52.50	52.30	52.20	52.30	51.70
51.50	51.20	50.90	51.70		
3735969.57	52.20	52.10	51.90	52.00	51.60
50.80	50.80	50.60	51.00		
3735919.57	52.00	51.70	51.60	51.80	51.20
50.60	50.60	50.50	50.90		
3735869.57	52.00	52.20	51.30	51.30	51.20
50.40	50.40	50.30	50.80		
3735819.57	51.50	51.30	51.20	51.10	50.80
50.60	50.20	49.90	49.90		
3735769.57	51.10	50.70	50.70	50.10	49.90
49.90	49.70	50.30	49.90		
3735719.57	50.40	50.20	50.50	50.10	49.90
49.80	49.50	49.40	50.40		
3735669.57	50.10	51.50	49.60	49.50	49.30
49.10	49.00	49.70	49.20		
3735619.57	53.30	49.70	49.30	49.00	48.60
48.60	48.60	48.90	48.80		
3735569.57	49.30	49.30	49.20	49.00	48.70
48.70	48.20	48.60	48.60		
3735519.57	49.10	49.20	49.10	48.40	48.20
48.00	47.90	48.20	47.60		
3735469.57	48.00	48.10	48.10	48.00	47.80
47.70	47.60	47.70	47.10		
3735419.57	48.00	48.10	47.60	47.70	47.60
47.50	47.20	47.50	47.90		
3735369.57	47.80	47.70	47.90	48.00	47.60
47.80	46.90	46.50	46.60		
3735319.57	47.50	47.30	47.30	47.40	47.30
47.30	46.60	46.80	46.90		
3735269.57	46.40	46.90	47.10	47.20	47.20
47.10	46.30	46.90	46.70		
3735219.57	46.30	46.50	46.40	46.30	46.30
46.20	45.90	45.90	46.00		
3735169.57	46.20	46.80	46.30	46.30	46.10
46.00	45.60	45.50	45.50		
3735119.57	46.30	46.20	45.90	45.80	45.70
45.50	45.40	44.80	45.10		
3735069.57	46.10	45.90	45.80	45.70	45.60
44.80	45.20	45.40	45.50		
3735019.57	46.00	45.80	45.60	45.50	45.30
44.60	45.00	45.10	45.20		
3734969.57	45.70	45.70	45.60	45.50	45.30
45.30	44.80	44.80	44.60		
3734919.57	45.00	44.80	44.70	44.60	44.60
44.90	44.60	44.70	44.50		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	423972.45	424022.45	424072.45	424122.45	424172.45
3736869.57	59.80	60.00	60.10	60.10	59.70
	59.70	60.40	59.70	60.20	
3736819.57	59.40	60.00	59.50	59.60	59.30
	59.50	59.70	59.30	60.20	
3736769.57	59.00	59.40	59.00	59.20	59.00
	58.90	59.10	59.10	58.90	
3736719.57	58.50	59.00	58.80	58.70	58.60
	58.50	58.70	59.10	59.60	
3736669.57	58.40	58.60	58.50	58.50	58.40
	58.00	58.20	58.30	58.50	
3736619.57	57.90	58.20	58.30	57.90	58.20
	57.90	58.50	58.40	58.50	
3736569.57	57.30	57.60	57.60	58.00	58.30
	58.20	58.20	58.50	58.50	
3736519.57	57.00	57.40	57.10	57.00	57.00
	57.00	57.00	57.00	57.40	
3736469.57	56.20	56.70	56.30	56.30	56.50
	56.50	56.70	56.60	58.80	
3736419.57	56.30	56.30	55.70	55.10	56.10
	56.00	56.00	55.20	57.50	
3736369.57	55.20	55.50	55.30	54.50	55.90
	55.40	54.40	55.70	56.50	
3736319.57	54.80	54.90	54.80	54.00	55.30
	54.10	55.10	54.80	56.40	
3736269.57	54.00	54.30	54.30	53.60	53.90
	54.90	54.40	54.90	56.40	
3736219.57	53.60	53.60	53.70	53.70	54.30
	54.00	54.10	54.50	56.80	
3736169.57	52.60	53.00	53.30	53.70	54.00
	54.00	54.20	54.50	55.90	
3736119.57	51.90	52.40	52.90	53.00	52.90
	53.20	54.20	53.90	55.70	

3736069.57	51.30	51.70	52.20	52.50
52.60	52.90	54.20	53.90	55.20
3736019.57	51.30	51.20	52.10	51.70
52.00	52.10	54.40	54.10	54.90
3735969.57	50.90	50.70	50.80	51.00
51.20	51.70	54.20	53.50	53.90
3735919.57	50.30	50.10	50.50	50.40
50.60	51.30	53.90	53.90	54.40
3735869.57	50.70	49.90	50.90	50.10
50.50	51.50	53.40	53.90	54.10
3735819.57	49.80	49.70	49.40	49.70
50.20	52.40	52.80	53.40	53.40
3735769.57	50.10	50.30	48.60	49.20
52.50	52.40	52.60	52.60	52.80
3735719.57	49.70	49.20	48.30	48.90
52.40	51.90	51.90	52.20	52.10
3735669.57	49.40	49.10	48.20	48.30
49.30	50.30	50.80	51.20	51.50
3735619.57	48.70	48.60	48.50	49.10
50.20	50.60	50.60	51.30	51.50
3735569.57	48.40	48.50	48.40	49.00
50.10	50.20	50.10	50.40	51.00
3735519.57	48.10	47.80	48.20	48.20
49.40	49.80	49.70	49.90	50.60
3735469.57	47.50	47.40	48.00	48.50
48.70	49.30	49.50	49.80	49.70
3735419.57	47.70	47.80	48.00	48.40
48.50	49.00	49.00	49.20	49.50
3735369.57	46.60	46.70	46.90	47.20
47.70	47.90	47.90	48.30	48.80
3735319.57	47.00	47.00	47.30	47.30
47.90	48.00	48.40	48.50	48.80
3735269.57	46.70	46.70	46.90	47.30
47.70	47.10	47.20	47.50	48.00
3735219.57	46.10	46.20	46.30	46.50
46.60	46.70	47.10	47.70	48.00
3735169.57	45.90	46.30	46.30	46.30
46.30	46.50	46.50	46.80	47.10
3735119.57	45.40	46.30	46.10	46.10
46.10	46.40	46.50	46.60	46.90
3735069.57	45.50	45.50	45.70	45.80
45.80	45.70	45.70	45.80	45.80
3735019.57	45.20	45.30	45.30	45.40
45.50	45.60	46.00	46.30	46.10
3734969.57	44.50	44.30	44.40	44.60
44.70	44.90	44.90	45.20	45.50
3734919.57	44.60	44.30	44.50	44.60
44.70	44.40	44.50	45.10	45.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 424422.45	424472.45	424522.45	424572.45
3736869.57	61.00	62.70	63.20	63.10
3736819.57	62.40	62.60	63.30	63.30
3736769.57	60.70	62.10	62.00	62.70
3736719.57	60.60	61.40	62.00	62.10
3736669.57	60.10	61.50	60.90	61.70
3736619.57	60.20	60.90	60.90	60.90
3736569.57	60.00	60.30	60.40	60.40
3736519.57	58.90	59.80	60.40	60.10
3736469.57	58.90	58.90	59.70	60.20
3736419.57	58.40	59.20	59.20	59.50
3736369.57	58.50	58.90	58.40	58.90
3736319.57	58.20	58.20	57.50	58.30
3736269.57	56.70	57.90	57.40	57.30
3736219.57	57.00	57.30	57.30	57.10
3736169.57	56.60	56.70	57.10	56.80
3736119.57	55.90	56.10	56.20	56.60
3736069.57	55.60	55.60	55.90	56.30
3736019.57	55.20	55.20	55.50	55.90
3735969.57	54.90	54.80	54.80	55.50
3735919.57	54.60	54.60	54.60	54.70
3735869.57	54.40	54.30	54.50	53.90
3735819.57	53.30	53.40	54.20	53.70
3735769.57	52.80	53.10	53.50	53.20
3735719.57	52.50	52.60	53.00	52.60
3735669.57	51.80	52.20	52.70	52.10
3735619.57	51.50	51.70	52.00	51.50
3735569.57	51.00	51.10	51.00	50.80
3735519.57	50.50	50.60	50.90	50.30
3735469.57	50.20	49.90	49.80	49.60
3735419.57	49.70	49.50	49.40	49.20
3735369.57	48.70	48.60	48.80	48.70
3735319.57	48.80	48.40	48.20	48.10
3735269.57	48.00	47.70	47.70	47.70
3735219.57	47.90	47.50	47.20	47.20

3735169.57	47.30	47.30	47.80	46.80
3735119.57	47.00	47.80	46.50	46.40
3735069.57	45.90	45.90	45.90	45.90
3735019.57	46.10	45.90	45.70	45.50
3734969.57	45.60	45.50	45.40	45.20
3734919.57	45.70	45.70	45.50	44.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(423808.6, 3735782.0, 50.3, 50.3, 0.0); (423778.4, 3735711.0, 49.6, 49.6, 0.0);
(423675.7, 3735807.7, 50.8, 50.8, 0.0); (423822.5, 3735854.0, 50.2, 50.2, 0.0);
(423884.8, 3735852.5, 50.3, 50.3, 0.0); (423598.8, 3735852.1, 51.8, 51.8, 0.0);
(423550.2, 3735806.9, 51.4, 51.4, 0.0); (423486.2, 3735850.7, 52.2, 52.2, 0.0);
(423388.4, 3735807.4, 51.5, 51.5, 0.0); (423265.8, 3735853.1, 52.7, 52.7, 0.0);
(423243.5, 3735813.7, 52.3, 52.3, 0.0); (423093.7, 3735863.3, 53.4, 54.1, 0.0);
(423190.9, 3735810.3, 52.2, 52.2, 0.0); (423787.3, 3735854.1, 50.8, 50.8, 0.0);
(424037.8, 3735799.1, 49.6, 49.6, 0.0); (424038.7, 3735764.1, 49.3, 49.3, 0.0);
(424037.3, 3735729.1, 48.9, 48.9, 0.0); (424039.2, 3735703.3, 48.7, 48.7, 0.0);
(424037.8, 3735675.6, 48.7, 48.7, 0.0); (424019.8, 3735624.5, 48.6, 48.6, 0.0);
(423977.7, 3735628.2, 48.8, 48.8, 0.0); (423929.3, 3735627.8, 48.9, 48.9, 0.0);
(423887.3, 3735627.3, 48.8, 48.8, 0.0); (423857.8, 3735627.8, 48.9, 48.9, 0.0);
(423815.4, 3735653.5, 49.2, 49.2, 0.0); (423813.9, 3735599.6, 48.7, 48.7, 0.0);
(423940.0, 3735858.4, 50.7, 50.7, 0.0); (423977.3, 3735859.4, 50.4, 50.4, 0.0);
(423741.1, 3735859.4, 51.0, 51.0, 0.0); (423707.7, 3735859.4, 51.3, 51.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.SFC
Met Version: 16216
Profile file: ..\..\Met Files\KSNA_V9_ADJU\KSNA_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93184 Upper air station no.: 3190
Name: JOHN_WAYNE_AIRPORT 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	-4.5	0.082	-9.000	-9.000	-999.	56.	11.0	0.12	2.65	1.00	0.87	62.	5.8	283.8	2.0
12	01	01	1	02	-3.5	0.073	-9.000	-9.000	-999.	47.	9.9	0.12	2.65	1.00	0.77	27.	5.8	283.1	2.0
12	01	01	1	03	-3.5	0.073	-9.000	-9.000	-999.	47.	9.9	0.12	2.65	1.00	0.77	336.	5.8	283.1	2.0
12	01	01	1	04	-3.3	0.070	-9.000	-9.000	-999.	45.	9.7	0.12	2.65	1.00	0.74	34.	5.8	283.1	2.0
12	01	01	1	05	-3.0	0.068	-9.000	-9.000	-999.	42.	9.4	0.12	2.65	1.00	0.70	154.	5.8	282.5	2.0
12	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.12	2.65	1.00	0.00	0.	5.8	282.0	2.0
12	01	01	1	07	-2.0	0.059	-9.000	-9.000	-999.	34.	9.0	0.12	2.65	1.00	0.55	343.	5.8	281.4	2.0
12	01	01	1	08	-2.6	0.066	-9.000	-9.000	-999.	40.	9.7	0.12	2.65	0.53	0.69	25.	5.8	281.4	2.0
12	01	01	1	09	21.6	0.133	0.252	0.010	27.	116.	-9.9	0.12	2.65	0.31	1.03	344.	5.8	282.5	2.0
12	01	01	1	10	115.6	0.162	0.713	0.008	114.	156.	-3.3	0.12	2.65	0.24	1.06	233.	5.8	286.4	2.0
12	01	01	1	11	160.9	0.126	1.129	0.005	325.	108.	-1.1	0.12	2.65	0.21	0.67	261.	5.8	291.4	2.0
12	01	01	1	12	187.0	0.138	1.467	0.005	614.	123.	-1.3	0.12	2.65	0.20	0.75	252.	5.8	294.9	2.0
12	01	01	1	13	186.9	0.189	1.755	0.005	1051.	197.	-3.3	0.12	2.65	0.20	1.23	280.	5.8	297.5	2.0

```
 12 01 01   1 14  168.3  0.247  1.857  0.005 1383.  295.     -8.1  0.12
2.65   0.21    1.86  268.    5.8  299.2    2.0
 12 01 01   1 15  115.3  0.275  1.688  0.005 1517.  346.    -16.3  0.12
2.65   0.24    2.25  248.    5.8  298.1    2.0
 12 01 01   1 16   41.5  0.262  1.211  0.005 1552.  322.    -39.2  0.12
2.65   0.33    2.32  227.    5.8  295.9    2.0
 12 01 01   1 17  -17.9  0.217 -9.000 -9.000 -999.  244.     52.0  0.12
2.65   0.60    2.18  227.    5.8  292.5    2.0
 12 01 01   1 18  -24.7  0.250 -9.000 -9.000 -999.  300.     68.7  0.12
2.65   1.00    2.50  219.    5.8  288.8    2.0
 12 01 01   1 19   -5.2  0.088 -9.000 -9.000 -999.   91.     12.0  0.12
2.65   1.00    0.94  201.    5.8  287.5    2.0
 12 01 01   1 20   -3.5  0.073 -9.000 -9.000 -999.   47.     10.0  0.12
2.65   1.00    0.77  259.    5.8  287.0    2.0
 12 01 01   1 21   -2.6  0.064 -9.000 -9.000 -999.   39.      9.1  0.12
2.65   1.00    0.65  264.    5.8  286.4    2.0
 12 01 01   1 22   -4.4  0.081 -9.000 -9.000 -999.   55.     10.9  0.12
2.65   1.00    0.86  211.    5.8  285.9    2.0
 12 01 01   1 23   -4.2  0.079 -9.000 -9.000 -999.   53.     10.7  0.12
2.65   1.00    0.84  247.    5.8  284.9    2.0
 12 01 01   1 24   -7.1  0.103 -9.000 -9.000 -999.   80.     14.1  0.12
2.65   1.00    1.09  236.    5.8  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    5.8 1   62.    0.87   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 PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	422622.45	422672.45	422722.45	422772.45	422822.45	422872.45	422922.45	422972.45	423022.45	
3736869.57	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009	0.00010	0.00010	0.00010	
3736819.57	0.00009	0.00009	0.00009	0.00009	0.00010	0.00010	0.00010	0.00010	0.00010	
3736769.57	0.00009	0.00009	0.00010	0.00010	0.00010	0.00010	0.00011	0.00011	0.00011	
3736719.57	0.00010	0.00010	0.00010	0.00010	0.00011	0.00011	0.00011	0.00012	0.00012	
3736669.57	0.00010	0.00010	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00013	
3736619.57	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00013	0.00013	0.00014	
3736569.57	0.00011	0.00011	0.00012	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	
3736519.57	0.00011	0.00012	0.00012	0.00013	0.00013	0.00014	0.00014	0.00015	0.00016	
3736469.57	0.00012	0.00012	0.00013	0.00013	0.00014	0.00015	0.00015	0.00016	0.00017	
3736419.57	0.00012	0.00013	0.00013	0.00014	0.00015	0.00015	0.00016	0.00017	0.00018	
3736369.57	0.00012	0.00013	0.00014	0.00014	0.00015	0.00016	0.00017	0.00018	0.00019	

3736319.57	0.00012	0.00013	0.00014	0.00015	0.00016	0.00017	0.00018	0.00019	0.00021
3736269.57	0.00013	0.00013	0.00014	0.00015	0.00016	0.00017	0.00019	0.00020	0.00022
3736219.57	0.00013	0.00014	0.00014	0.00016	0.00017	0.00018	0.00019	0.00021	0.00025
3736169.57	0.00013	0.00014	0.00015	0.00016	0.00017	0.00018	0.00020	0.00022	0.00026
3736119.57	0.00013	0.00014	0.00015	0.00016	0.00017	0.00019	0.00021	0.00023	0.00027
3736069.57	0.00013	0.00014	0.00015	0.00017	0.00018	0.00019	0.00021	0.00024	0.00028
3736019.57	0.00014	0.00015	0.00016	0.00017	0.00018	0.00020	0.00022	0.00025	0.00029
3735969.57	0.00014	0.00015	0.00016	0.00017	0.00019	0.00021	0.00023	0.00026	0.00031
3735919.57	0.00014	0.00015	0.00016	0.00018	0.00019	0.00022	0.00025	0.00029	0.00034
3735869.57	0.00015	0.00016	0.00017	0.00018	0.00020	0.00023	0.00029	0.00038	0.00044
3735819.57	0.00015	0.00016	0.00017	0.00019	0.00021	0.00024	0.00066	0.00038	0.00041
3735769.57	0.00015	0.00016	0.00018	0.00019	0.00021	0.00026	0.00056	0.00036	0.00035
3735719.57	0.00015	0.00017	0.00018	0.00020	0.00022	0.00025	0.00036	0.00041	0.00036
3735669.57	0.00016	0.00017	0.00018	0.00020	0.00022	0.00025	0.00030	0.00056	0.00039
3735619.57	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00028	0.00040	0.00041
3735569.57	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027	0.00036	0.00041
3735519.57	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00027	0.00037	0.00038
3735469.57	0.00016	0.00017	0.00018	0.00020	0.00022	0.00024	0.00026	0.00032	0.00032
3735419.57	0.00016	0.00017	0.00018	0.00020	0.00021	0.00023	0.00026	0.00028	0.00030
3735369.57	0.00016	0.00017	0.00018	0.00020	0.00021	0.00023	0.00025	0.00027	0.00029
3735319.57	0.00016	0.00017	0.00018	0.00020	0.00021	0.00023	0.00025	0.00027	0.00029
3735269.57	0.00016	0.00017	0.00018	0.00019	0.00021	0.00022	0.00024	0.00026	0.00028
3735219.57	0.00016	0.00017	0.00018	0.00019	0.00021	0.00022	0.00024	0.00026	0.00028
3735169.57	0.00016	0.00017	0.00018	0.00019	0.00020	0.00022	0.00023	0.00025	0.00027
3735119.57	0.00016	0.00016	0.00018	0.00019	0.00020	0.00021	0.00023	0.00025	0.00027
3735069.57	0.00015	0.00016	0.00017	0.00018	0.00020	0.00021	0.00023	0.00024	0.00026
3735019.57	0.00015	0.00016	0.00017	0.00018	0.00019	0.00021	0.00022	0.00024	0.00026

3734969.57	0.00015	0.00016	0.00017	0.00018	0.00019
	0.00020	0.00022	0.00023	0.00025	
3734919.57	0.00015	0.00016	0.00017	0.00018	0.00019
	0.00020	0.00021	0.00023	0.00025	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	423072.45	423122.45	423172.45	423222.45	423272.45
3736869.57	0.00010	0.00010	0.00010	0.00010	0.00010
3736819.57	0.00011	0.00011	0.00011	0.00011	0.00011
3736769.57	0.00011	0.00012	0.00012	0.00012	0.00012
3736719.57	0.00012	0.00012	0.00013	0.00013	0.00013
3736669.57	0.00013	0.00013	0.00014	0.00014	0.00014
3736619.57	0.00014	0.00014	0.00015	0.00015	0.00015
3736569.57	0.00015	0.00016	0.00016	0.00017	0.00017
3736519.57	0.00016	0.00017	0.00018	0.00018	0.00018
3736469.57	0.00017	0.00018	0.00019	0.00020	0.00021
3736419.57	0.00019	0.00020	0.00021	0.00022	0.00023
3736369.57	0.00020	0.00022	0.00023	0.00024	0.00025

Y-COORD (METERS)	X-COORD (METERS)				
	423322.45	423372.45	423422.45	423472.45	
3736869.57	0.00010	0.00010	0.00010	0.00010	
3736819.57	0.00011	0.00011	0.00011	0.00012	
3736769.57	0.00012	0.00012	0.00012	0.00012	
3736719.57	0.00013	0.00013	0.00013	0.00014	
3736669.57	0.00014	0.00014	0.00015	0.00015	
3736619.57	0.00015	0.00016	0.00016	0.00017	
3736569.57	0.00017	0.00018	0.00018	0.00018	
3736519.57	0.00019	0.00020	0.00020	0.00020	
3736469.57	0.00021	0.00022	0.00022	0.00023	
3736419.57	0.00023	0.00024	0.00025	0.00026	
3736369.57	0.00025	0.00026	0.00027	0.00028	0.00030

3736319.57	0.00022	0.00025	0.00026	0.00027	0.00028	0.00029	0.00031	0.00032	0.00034
3736269.57	0.00028	0.00029	0.00028	0.00029	0.00031	0.00032	0.00034	0.00036	0.00038
3736219.57	0.00062	0.00033	0.00031	0.00032	0.00034	0.00036	0.00038	0.00041	0.00044
3736169.57	0.00058	0.00036	0.00033	0.00034	0.00036	0.00039	0.00042	0.00046	0.00050
3736119.57	0.00046	0.00039	0.00035	0.00037	0.00039	0.00043	0.00047	0.00052	0.00057
3736069.57	0.00044	0.00041	0.00037	0.00039	0.00042	0.00046	0.00051	0.00058	0.00065
3736019.57	0.00042	0.00043	0.00039	0.00041	0.00045	0.00050	0.00056	0.00064	0.00073
3735969.57	0.00043	0.00045	0.00042	0.00044	0.00048	0.00054	0.00061	0.00070	0.00081
3735919.57	0.00046	0.00048	0.00045	0.00048	0.00053	0.00059	0.00067	0.00077	0.00091
3735869.57	0.00053	0.00059	0.00058	0.00062	0.00066	0.00072	0.00080	0.00091	0.00107
3735819.57	0.00045	0.00053	0.00057	0.00062	0.00070	0.00079	0.00092	0.00107	0.00121
3735769.57	0.00037	0.00040	0.00044	0.00049	0.00055	0.00063	0.00073	0.00086	0.00103
3735719.57	0.00037	0.00039	0.00043	0.00047	0.00054	0.00061	0.00071	0.00085	0.00103
3735669.57	0.00037	0.00039	0.00042	0.00047	0.00053	0.00061	0.00071	0.00085	0.00103
3735619.57	0.00037	0.00038	0.00042	0.00047	0.00053	0.00061	0.00071	0.00084	0.00102
3735569.57	0.00036	0.00038	0.00042	0.00047	0.00053	0.00061	0.00071	0.00083	0.00101
3735519.57	0.00035	0.00037	0.00041	0.00046	0.00052	0.00060	0.00069	0.00082	0.00098
3735469.57	0.00034	0.00037	0.00041	0.00045	0.00051	0.00059	0.00068	0.00080	0.00095
3735419.57	0.00033	0.00036	0.00040	0.00045	0.00050	0.00058	0.00066	0.00078	0.00092
3735369.57	0.00032	0.00035	0.00039	0.00044	0.00049	0.00056	0.00065	0.00075	0.00088
3735319.57	0.00032	0.00035	0.00039	0.00043	0.00048	0.00055	0.00063	0.00072	0.00084
3735269.57	0.00031	0.00034	0.00038	0.00042	0.00047	0.00053	0.00060	0.00069	0.00080
3735219.57	0.00031	0.00033	0.00037	0.00041	0.00046	0.00051	0.00058	0.00066	0.00076
3735169.57	0.00030	0.00033	0.00036	0.00040	0.00044	0.00050	0.00056	0.00063	0.00072
3735119.57	0.00029	0.00032	0.00035	0.00039	0.00043	0.00048	0.00054	0.00061	0.00068
3735069.57	0.00029	0.00031	0.00034	0.00038	0.00042	0.00047	0.00052	0.00058	0.00064
3735019.57	0.00028	0.00031	0.00034	0.00037	0.00041	0.00045	0.00050	0.00055	0.00061

3734969.57	0.00028	0.00030	0.00033	0.00036	0.00040
0.00044	0.00048	0.00053	0.00057		
3734919.57	0.00027	0.00029	0.00032	0.00035	0.00038
0.00042	0.00046	0.00050	0.00054		

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	423522.45	423572.45	423622.45	423672.45	423722.45
3736869.57	0.00011	0.00011	0.00012	0.00013	0.00013
3736819.57	0.00012	0.00012	0.00013	0.00014	0.00014
3736769.57	0.00013	0.00013	0.00014	0.00015	0.00015
3736719.57	0.00014	0.00014	0.00015	0.00016	0.00017
3736669.57	0.00015	0.00016	0.00016	0.00017	0.00018
3736619.57	0.00017	0.00017	0.00018	0.00019	0.00020
3736569.57	0.00019	0.00020	0.00020	0.00021	0.00022
3736519.57	0.00021	0.00022	0.00022	0.00023	0.00025
3736469.57	0.00024	0.00025	0.00025	0.00027	0.00028
3736419.57	0.00027	0.00028	0.00028	0.00030	0.00031
3736369.57	0.00031	0.00032	0.00033	0.00035	0.00036

Y-COORD (METERS)	X-COORD (METERS)				
	423772.45	423822.45	423872.45	423922.45	
3736869.57	0.00014	0.00015	0.00017	0.00018	
3736819.57	0.00015	0.00017	0.00018	0.00020	
3736769.57	0.00017	0.00018	0.00020	0.00022	
3736719.57	0.00018	0.00020	0.00022	0.00024	
3736669.57	0.00020	0.00022	0.00024	0.00026	
3736619.57	0.00022	0.00024	0.00026	0.00030	
3736569.57	0.00024	0.00026	0.00029	0.00033	
3736519.57	0.00027	0.00030	0.00033	0.00038	
3736469.57	0.00030	0.00033	0.00038	0.00044	
3736419.57	0.00034	0.00038	0.00044	0.00051	
3736369.57	0.00040	0.00044	0.00051	0.00060	

3736319.57 | 0.00035 0.00036 0.00038 0.00040
0.00043 0.00047 0.00052 0.00061 0.00072
3736269.57 | 0.00040 0.00042 0.00044 0.00047
0.00050 0.00055 0.00062 0.00073 0.00089
3736219.57 | 0.00047 0.00050 0.00052 0.00056
0.00060 0.00066 0.00075 0.00090 0.00112
3736169.57 | 0.00054 0.00058 0.00063 0.00068
0.00073 0.00081 0.00093 0.00113 0.00143
3736119.57 | 0.00063 0.00069 0.00076 0.00083
0.00090 0.00101 0.00118 0.00147 0.00193
3736069.57 | 0.00073 0.00082 0.00092 0.00103
0.00114 0.00130 0.00159 0.00200 0.00272
3736019.57 | 0.00084 0.00097 0.00112 0.00129
0.00150 0.00175 0.00215 0.00289 0.00404
3735969.57 | 0.00096 0.00113 0.00136 0.00163
0.00198 0.00242 0.00311 0.00448 0.00665
3735919.57 | 0.00108 0.00132 0.00163 0.00205
0.00265 0.00348 0.00482 0.00783 0.01243
3735869.57 | 0.00127 0.00156 0.00198 0.00260
0.00355 0.00518 0.00833 0.01767 0.02889
3735819.57 | 0.00142 0.00174 0.00222 0.00299
0.00437 0.00721 0.01557 0.04705 0.07002
3735769.57 | 0.00127 0.00163 0.00219 0.00311
0.00485 0.00884 0.02220 0.06541 0.09038
3735719.57 | 0.00128 0.00165 0.00223 0.00322
0.00512 0.00964 0.02404 0.06422 0.09114
3735669.57 | 0.00128 0.00165 0.00222 0.00319
0.00501 0.00909 0.02131 0.05284 0.06474
3735619.57 | 0.00127 0.00163 0.00217 0.00305
0.00460 0.00764 0.01454 0.02456 0.02805
3735569.57 | 0.00124 0.00158 0.00208 0.00284
0.00407 0.00606 0.00887 0.01150 0.01237
3735519.57 | 0.00120 0.00150 0.00194 0.00258
0.00349 0.00469 0.00602 0.00699 0.00712
3735469.57 | 0.00116 0.00143 0.00181 0.00231
0.00295 0.00369 0.00438 0.00478 0.00473
3735419.57 | 0.00110 0.00134 0.00165 0.00204
0.00250 0.00297 0.00334 0.00351 0.00342
3735369.57 | 0.00105 0.00125 0.00151 0.00181
0.00213 0.00243 0.00263 0.00269 0.00258
3735319.57 | 0.00099 0.00116 0.00137 0.00160
0.00182 0.00201 0.00213 0.00214 0.00204
3735269.57 | 0.00093 0.00107 0.00124 0.00141
0.00157 0.00170 0.00176 0.00175 0.00166
3735219.57 | 0.00087 0.00099 0.00112 0.00125
0.00137 0.00145 0.00148 0.00145 0.00138
3735169.57 | 0.00081 0.00092 0.00102 0.00112
0.00120 0.00125 0.00126 0.00123 0.00117
3735119.57 | 0.00076 0.00085 0.00093 0.00100
0.00106 0.00109 0.00109 0.00106 0.00100
3735069.57 | 0.00071 0.00078 0.00085 0.00090
0.00094 0.00096 0.00095 0.00092 0.00088
3735019.57 | 0.00067 0.00072 0.00077 0.00081
0.00084 0.00085 0.00084 0.00081 0.00077

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  3734969.57 |       0.00062      0.00067      0.00071      0.00074
0.00075      0.00076      0.00075      0.00072      0.00068
  3734919.57 |       0.00058      0.00062      0.00065      0.00067
0.00068      0.00068      0.00067      0.00064      0.00061
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	423972.45	424022.45	424072.45	424122.45	424172.45	424222.45	424272.45	424322.45	424372.45	
3736869.57	0.00020	0.00022	0.00024	0.00026	0.00029	0.00032	0.00034	0.00037	0.00039	
3736819.57	0.00022	0.00024	0.00027	0.00029	0.00032	0.00035	0.00038	0.00041	0.00044	
3736769.57	0.00024	0.00027	0.00030	0.00033	0.00036	0.00040	0.00043	0.00046	0.00049	
3736719.57	0.00027	0.00030	0.00033	0.00037	0.00041	0.00045	0.00049	0.00052	0.00055	
3736669.57	0.00030	0.00033	0.00038	0.00042	0.00047	0.00052	0.00056	0.00059	0.00061	
3736619.57	0.00033	0.00038	0.00043	0.00048	0.00054	0.00059	0.00064	0.00067	0.00069	
3736569.57	0.00038	0.00043	0.00050	0.00056	0.00062	0.00068	0.00073	0.00077	0.00078	
3736519.57	0.00044	0.00050	0.00058	0.00066	0.00074	0.00080	0.00085	0.00088	0.00089	
3736469.57	0.00051	0.00059	0.00069	0.00078	0.00087	0.00094	0.00099	0.00101	0.00101	
3736419.57	0.00060	0.00070	0.00082	0.00094	0.00104	0.00113	0.00116	0.00117	0.00114	
3736369.57	0.00072	0.00085	0.00100	0.00115	0.00126	0.00134	0.00137	0.00135	0.00129	

3736319.57 | 0.00088 0.00106 0.00125 0.00142
0.00154 0.00162 0.00161 0.00156 0.00145
3736269.57 | 0.00109 0.00133 0.00158 0.00179
0.00192 0.00195 0.00190 0.00178 0.00162
3736219.57 | 0.00140 0.00172 0.00204 0.00227
0.00238 0.00237 0.00224 0.00204 0.00180
3736169.57 | 0.00185 0.00229 0.00269 0.00294
0.00299 0.00287 0.00262 0.00231 0.00198
3736119.57 | 0.00254 0.00316 0.00364 0.00387
0.00380 0.00348 0.00305 0.00259 0.00215
3736069.57 | 0.00365 0.00453 0.00509 0.00518
0.00481 0.00418 0.00349 0.00284 0.00229
3736019.57 | 0.00553 0.00678 0.00729 0.00701
0.00607 0.00495 0.00392 0.00305 0.00240
3735969.57 | 0.00907 0.01075 0.01090 0.00953
0.00754 0.00569 0.00419 0.00320 0.00247
3735919.57 | 0.01649 0.01833 0.01676 0.01275
0.00900 0.00626 0.00437 0.00322 0.00242
3735869.57 | 0.03511 0.03584 0.02635 0.01606
0.00998 0.00644 0.00433 0.00310 0.00231
3735819.57 | 0.07631 0.07049 0.03675 0.01773
0.00997 0.00605 0.00404 0.00286 0.00213
3735769.57 | 0.09625 0.08027 0.03741 0.01655
0.00888 0.00528 0.00353 0.00252 0.00189
3735719.57 | 0.09109 0.07387 0.03163 0.01324
0.00709 0.00432 0.00296 0.00214 0.00163
3735669.57 | 0.06518 0.05083 0.02034 0.00905
0.00525 0.00345 0.00244 0.00181 0.00141
3735619.57 | 0.02662 0.01930 0.01009 0.00588
0.00385 0.00271 0.00200 0.00153 0.00122
3735569.57 | 0.01131 0.00871 0.00596 0.00411
0.00295 0.00220 0.00169 0.00133 0.00107
3735519.57 | 0.00648 0.00526 0.00402 0.00305
0.00234 0.00183 0.00145 0.00117 0.00097
3735469.57 | 0.00429 0.00361 0.00292 0.00235
0.00189 0.00154 0.00126 0.00104 0.00087
3735419.57 | 0.00310 0.00267 0.00224 0.00186
0.00155 0.00130 0.00110 0.00093 0.00079
3735369.57 | 0.00235 0.00206 0.00177 0.00151
0.00129 0.00111 0.00096 0.00083 0.00072
3735319.57 | 0.00187 0.00166 0.00145 0.00126
0.00110 0.00096 0.00084 0.00074 0.00065
3735269.57 | 0.00152 0.00136 0.00121 0.00106
0.00094 0.00084 0.00074 0.00066 0.00059
3735219.57 | 0.00127 0.00115 0.00102 0.00091
0.00082 0.00073 0.00066 0.00060 0.00054
3735169.57 | 0.00108 0.00098 0.00088 0.00080
0.00072 0.00065 0.00059 0.00054 0.00049
3735119.57 | 0.00093 0.00085 0.00077 0.00070
0.00064 0.00058 0.00053 0.00049 0.00045
3735069.57 | 0.00081 0.00075 0.00068 0.00062
0.00057 0.00052 0.00048 0.00045 0.00041
3735019.57 | 0.00072 0.00066 0.00061 0.00056
0.00051 0.00048 0.00044 0.00041 0.00038

3734969.57	0.00064	0.00059	0.00055	0.00051	0.00047
	0.00043	0.00040	0.00038	0.00035	
3734919.57	0.00058	0.00054	0.00050	0.00046	0.00043
	0.00040	0.00037	0.00035	0.00033	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)	424422.45	424472.45	424522.45	424572.45
3736869.57		0.00041	0.00042	0.00043	0.00043
3736819.57		0.00045	0.00046	0.00047	0.00047
3736769.57		0.00050	0.00051	0.00051	0.00051
3736719.57		0.00056	0.00057	0.00056	0.00055
3736669.57		0.00062	0.00062	0.00062	0.00060
3736619.57		0.00070	0.00069	0.00067	0.00065
3736569.57		0.00078	0.00076	0.00073	0.00070
3736519.57		0.00087	0.00084	0.00079	0.00075
3736469.57		0.00097	0.00092	0.00086	0.00080
3736419.57		0.00108	0.00101	0.00093	0.00085
3736369.57		0.00119	0.00110	0.00100	0.00090
3736319.57		0.00132	0.00119	0.00107	0.00095
3736269.57		0.00145	0.00128	0.00113	0.00099
3736219.57		0.00157	0.00136	0.00118	0.00103
3736169.57		0.00169	0.00144	0.00123	0.00106
3736119.57		0.00179	0.00150	0.00126	0.00107
3736069.57		0.00187	0.00154	0.00128	0.00108
3736019.57		0.00191	0.00156	0.00128	0.00107
3735969.57		0.00193	0.00155	0.00127	0.00105
3735919.57		0.00188	0.00150	0.00122	0.00101
3735869.57		0.00178	0.00141	0.00115	0.00095
3735819.57		0.00164	0.00130	0.00106	0.00088
3735769.57		0.00147	0.00117	0.00096	0.00080

3735719.57	0.00128	0.00104	0.00086	0.00073
3735669.57	0.00112	0.00092	0.00077	0.00066
3735619.57	0.00099	0.00082	0.00070	0.00060
3735569.57	0.00089	0.00075	0.00064	0.00055
3735519.57	0.00081	0.00069	0.00059	0.00051
3735469.57	0.00074	0.00063	0.00055	0.00048
3735419.57	0.00068	0.00059	0.00052	0.00046
3735369.57	0.00063	0.00055	0.00049	0.00043
3735319.57	0.00058	0.00051	0.00046	0.00041
3735269.57	0.00053	0.00048	0.00043	0.00039
3735219.57	0.00049	0.00044	0.00040	0.00037
3735169.57	0.00045	0.00041	0.00038	0.00034
3735119.57	0.00042	0.00038	0.00035	0.00032
3735069.57	0.00038	0.00036	0.00033	0.00031
3735019.57	0.00036	0.00033	0.00031	0.00029
3734969.57	0.00033	0.00031	0.00029	0.00027
3734919.57	0.00031	0.00029	0.00027	0.00026

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
423808.64	3735782.01	0.01574	423778.42	3735711.03	0.01055
423675.73	3735807.74	0.00306	423822.52	3735853.96	0.01028
423884.78	3735852.50	0.03070	423598.82	3735852.10	0.00195
423550.18	3735806.89	0.00149	423486.18	3735850.67	0.00127
423388.42	3735807.38	0.00084	423265.85	3735853.10	0.00079
423243.47	3735813.71	0.00061	423093.67	3735863.32	0.00076
423190.94	3735810.30	0.00053	423787.26	3735854.08	0.00680
424037.75	3735799.11	0.07017	424038.72	3735764.09	0.07041
424037.26	3735729.07	0.06628	424039.21	3735703.29	0.05787
424037.75	3735675.57	0.04682	424019.75	3735624.50	0.02185
423977.74	3735628.22	0.03089	423929.31	3735627.85	0.03267
423887.30	3735627.30	0.02981	423857.76	3735627.85	0.02493

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         423815.39    3735653.53        0.01726
423813.92    3735599.60        0.01084
         423939.99    3735858.43        0.03952
423977.32    3735859.45        0.04267
         423741.06    3735859.42        0.00435
423707.67    3735859.42        0.00342
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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): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	422622.45	422672.45	422722.45	422772.45	422822.45
3736869.6	0.08272 (14010808)	0.08844 (14010808)	0.09142 (14010808)	0.09273 (14010808)	0.10093 (12010207)
3736819.6	0.07955 (14010808)	0.08678 (14010808)	0.09166 (14010808)	0.09539 (14010808)	0.09688 (14010808)
3736769.6	0.08445 (16021607)	0.08364 (14010808)	0.09071 (14010808)	0.09695 (14010808)	0.10107 (14010808)
3736719.6	0.09683 (16021607)	0.09307 (16021607)	0.08671 (14010808)	0.09531 (14010808)	0.10259 (14010808)
3736669.6	0.10689 (16021607)	0.10474 (16021607)	0.10078 (16021607)	0.09474 (16021607)	0.10052 (14010808)
3736619.6	0.11408 (16021607)	0.11514 (16021607)	0.11427 (16021607)	0.11036 (16021607)	0.10455 (16021607)
3736569.6	0.11706 (16021607)	0.12265 (16021607)	0.12171 (16021607)	0.12191 (16021607)	0.12005 (16021607)
3736519.6	0.11569 (16021607)	0.12230 (16021607)	0.12845 (16021607)	0.13090 (16021607)	0.13341 (16021607)
3736469.6	0.11580 (15012707)	0.12069 (16021607)	0.12880 (16021607)	0.13534 (16021607)	0.14259 (16021607)
3736419.6	0.11988 (15012707)	0.12569 (15012707)	0.12597 (15012707)	0.13300 (16021607)	0.14104 (16021607)
3736369.6	0.11815 (15012707)	0.12723 (15012707)	0.13041 (15012707)	0.13543 (15012707)	0.13914 (15012707)

3736319.6	0.11219 (15012707)	0.12161 (15012707)	0.12923 (15012707)	0.13692 (15012707)	0.14428 (15012707)
3736269.6	0.11046 (12121407)	0.11592 (12121407)	0.12293 (15012707)	0.13463 (15012707)	0.14417 (15012707)
3736219.6	0.10768 (12121407)	0.11469 (12121407)	0.12142 (12121407)	0.12594 (12121407)	0.13522 (15012707)
3736169.6	0.12079 (14021007)	0.12053 (14021007)	0.12123 (14021007)	0.10449 (14021007)	0.13449 (12121407)
3736119.6	0.12919 (14021007)	0.10646 (14021007)	0.13635 (14021007)	0.11455 (14021007)	0.14269 (14021007)
3736069.6	0.13128 (14021007)	0.11007 (14021007)	0.11556 (14021007)	0.12122 (14021007)	0.12697 (14021007)
3736019.6	0.10379 (14021007)	0.11000 (14021007)	0.11658 (14021007)	0.12359 (14021007)	0.13099 (14021007)
3735969.6	0.09937 (14021007)	0.10611 (14021007)	0.11338 (14021007)	0.12127 (14021007)	0.12977 (14021007)
3735919.6	0.10289 (15011207)	0.10752 (15011207)	0.11245 (15011207)	0.11773 (15011207)	0.12345 (14021007)
3735869.6	0.10867 (15011207)	0.11423 (15011207)	0.12029 (15011207)	0.12694 (15011207)	0.13430 (15011207)
3735819.6	0.11072 (15011207)	0.11682 (15011207)	0.12354 (15011207)	0.13102 (15011207)	0.13951 (15011207)
3735769.6	0.10889 (15011207)	0.11502 (15011207)	0.12177 (15011207)	0.12928 (15011207)	0.13775 (15011207)
3735719.6	0.10655 (12010607)	0.11246 (12010607)	0.11889 (12010607)	0.12607 (12010607)	0.13404 (12010607)
3735669.6	0.10864 (12010607)	0.11445 (12010607)	0.12090 (12010607)	0.12798 (12010607)	0.13582 (12010607)
3735619.6	0.10707 (12011208)	0.11335 (12011208)	0.12024 (12011208)	0.12782 (12011208)	0.13621 (12011208)
3735569.6	0.11011 (12011208)	0.11613 (12011208)	0.12269 (12011208)	0.12985 (12011208)	0.13763 (12011208)
3735519.6	0.10913 (12011208)	0.11447 (12011208)	0.12015 (12011208)	0.12628 (12011208)	0.13320 (16030307)
3735469.6	0.10525 (16030307)	0.10992 (16030307)	0.11484 (16030307)	0.12002 (16030307)	0.12581 (12112807)
3735419.6	0.10032 (12112807)	0.10478 (12112807)	0.10938 (12112807)	0.11407 (12112807)	0.11886 (12112807)
3735369.6	0.09539 (12112807)	0.09946 (13022807)	0.10684 (13022807)	0.11466 (13022807)	0.12297 (13022807)
3735319.6	0.09727 (13022807)	0.10358 (13022807)	0.11015 (13022807)	0.11695 (13022807)	0.12394 (13022807)
3735269.6	0.09926 (13022807)	0.10463 (13022807)	0.11005 (13022807)	0.11545 (13022807)	0.12076 (13022807)
3735219.6	0.09845 (13022807)	0.10267 (13022807)	0.10669 (13022807)	0.11182 (16021007)	0.11883 (16021007)
3735169.6	0.09513 (13022807)	0.10012 (16021007)	0.10583 (16021007)	0.11143 (16021007)	0.11669 (16021007)
3735119.6	0.09508 (16021007)	0.09963 (16021007)	0.10388 (16021007)	0.10774 (16021007)	0.11092 (16021007)
3735069.6	0.09336 (16021007)	0.09654 (16021007)	0.09921 (16021007)	0.10130 (16021007)	0.10256 (16021007)
3735019.6	0.08949 (16021007)	0.09123 (16021007)	0.09236 (16021007)	0.09278 (16021007)	0.09507 (13112507)

3734969.6	0.08376 (16021007)	0.08421 (16021007)	0.08497 (13112507)
	0.08875 (13112507)	0.09185 (13112507)	
3734919.6	0.07673 (16021007)	0.07997 (13112507)	0.08293 (13112507)
	0.08523 (13112507)	0.08893 (15123008)	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	422872.45	422922.45	422972.45	423022.45	423072.45
3736869.6	0.11337 (12010207)	0.12351 (12010207)	0.12983 (12010207)	0.13198 (12010207)	0.12930 (12010207)
3736819.6	0.10705 (12010207)	0.12072 (12010207)	0.13153 (12010207)	0.13775 (12010207)	0.13892 (12010207)
3736769.6	0.10327 (14010808)	0.11479 (12010207)	0.12957 (12010207)	0.13932 (12010207)	0.14495 (12010207)
3736719.6	0.10778 (14010808)	0.11000 (14010808)	0.12383 (12010207)	0.13665 (12010207)	0.14718 (12010207)
3736669.6	0.10940 (14010808)	0.11746 (14010808)	0.12130 (14010808)	0.13161 (12010207)	0.14539 (12010207)
3736619.6	0.10581 (14010808)	0.11404 (14010808)	0.12097 (14010808)	0.12432 (14010808)	0.14050 (12010207)
3736569.6	0.11383 (16021607)	0.11016 (14010808)	0.12059 (14010808)	0.12913 (14010808)	0.13295 (14010808)
3736519.6	0.13115 (16021607)	0.12723 (16021607)	0.11881 (16021607)	0.12955 (14010808)	0.13870 (14010808)
3736469.6	0.14463 (16021607)	0.14434 (16021607)	0.13924 (16021607)	0.13327 (16021607)	0.13880 (14010808)
3736419.6	0.15009 (16021607)	0.15542 (16021607)	0.15593 (16021607)	0.15568 (16021607)	0.14944 (16021607)
3736369.6	0.15032 (16021607)	0.16123 (16021607)	0.16588 (16021607)	0.17365 (16021607)	0.17340 (16021607)

3736319.6 | 0.15139 (15012707) 0.15867 (16021607) 0.16800 (16021607) 0.18290 (16021607) 0.19054 (16021607)
3736269.6 | 0.15480 (15012707) 0.16468 (15012707) 0.16831 (15012707) 0.18353 (16021607) 0.19759 (16021607)
3736219.6 | 0.14818 (15012707) 0.16266 (15012707) 0.17324 (15012707) 0.18943 (15012707) 0.19555 (15012707)
3736169.6 | 0.11623 (15012707) 0.12727 (15012707) 0.13884 (15012707) 0.18699 (15012707) 0.20466 (15012707)
3736119.6 | 0.12202 (14021007) 0.12532 (14021007) 0.13243 (15012707) 0.14687 (15012707) 0.16494 (15012707)
3736069.6 | 0.13278 (14021007) 0.13858 (14021007) 0.14433 (14021007) 0.15018 (14021007) 0.15800 (14021007)
3736019.6 | 0.13879 (14021007) 0.14695 (14021007) 0.15545 (14021007) 0.16456 (14021007) 0.17564 (14021007)
3735969.6 | 0.13901 (14021007) 0.14906 (14021007) 0.15990 (14021007) 0.17176 (14021007) 0.18590 (14021007)
3735919.6 | 0.13329 (14021007) 0.14430 (14021007) 0.15668 (14021007) 0.17037 (14021007) 0.18698 (14021007)
3735869.6 | 0.14239 (15011207) 0.15074 (15011207) 0.16004 (15011207) 0.17041 (15011207) 0.18507 (15011207)
3735819.6 | 0.14967 (15011207) 0.15921 (15011207) 0.16847 (15011207) 0.18040 (15011207) 0.19435 (15011207)
3735769.6 | 0.14780 (15011207) 0.15491 (15011207) 0.16580 (15011207) 0.17796 (15011207) 0.19191 (15011207)
3735719.6 | 0.14313 (12010607) 0.15520 (12010607) 0.16099 (12010607) 0.17272 (12010607) 0.18641 (12010607)
3735669.6 | 0.14463 (12010607) 0.15500 (12010607) 0.16277 (12010607) 0.17437 (12010607) 0.18789 (12010607)
3735619.6 | 0.14558 (12011208) 0.15615 (12011208) 0.16993 (12011208) 0.17750 (12011208) 0.19187 (12011208)
3735569.6 | 0.14621 (12011208) 0.15570 (12011208) 0.16704 (12011208) 0.17418 (12011208) 0.18669 (12011208)
3735519.6 | 0.14083 (16030307) 0.14934 (16030307) 0.16022 (16030307) 0.16437 (16030307) 0.17471 (12112807)
3735469.6 | 0.13270 (12112807) 0.13999 (12112807) 0.14737 (12112807) 0.15534 (13022807) 0.17106 (13022807)
3735419.6 | 0.12763 (13022807) 0.13815 (13022807) 0.14920 (13022807) 0.16107 (13022807) 0.17457 (13022807)
3735369.6 | 0.13168 (13022807) 0.14082 (13022807) 0.14978 (13022807) 0.15934 (13022807) 0.16951 (13022807)
3735319.6 | 0.13101 (13022807) 0.13809 (13022807) 0.14445 (13022807) 0.15459 (16021007) 0.16673 (16021007)
3735269.6 | 0.12610 (16021007) 0.13495 (16021007) 0.14321 (16021007) 0.15167 (16021007) 0.15970 (16021007)
3735219.6 | 0.12584 (16021007) 0.13241 (16021007) 0.13770 (16021007) 0.14314 (16021007) 0.14683 (16021007)
3735169.6 | 0.12140 (16021007) 0.12537 (16021007) 0.12775 (16021007) 0.12991 (16021007) 0.13306 (13112507)
3735119.6 | 0.11328 (16021007) 0.11493 (16021007) 0.11488 (13112507) 0.12165 (13112507) 0.12614 (13112507)
3735069.6 | 0.10291 (16021007) 0.10710 (13112507) 0.11060 (13112507) 0.11713 (15123008) 0.12885 (15123008)
3735019.6 | 0.09914 (13112507) 0.10231 (13112507) 0.10906 (15123008) 0.11953 (15123008) 0.12841 (15123008)

3734969.6 | 0.09407 (13112507) 0.10285 (15123008) 0.11065 (15123008) 0.11864 (15123008) 0.12450 (15123008)
3734919.6 | 0.09667 (15123008) 0.10362 (15123008) 0.10944 (15123008) 0.11484 (15123008) 0.12047 (16022507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423122.45	423172.45	423222.45	423272.45	423322.45
3736869.6	0.11846 (12010207)	0.10570 (12010207)	0.10422 (12102907)	0.11074 (12102907)	0.11303 (12121308)
3736819.6	0.13260 (12010207)	0.12306 (12010207)	0.10728 (12010207)	0.11399 (12102907)	0.11707 (12102907)
3736769.6	0.14501 (12010207)	0.13908 (12010207)	0.12627 (12010207)	0.11459 (12102907)	0.12222 (12102907)
3736719.6	0.15409 (12010207)	0.15389 (12010207)	0.14517 (12010207)	0.13030 (12010207)	0.12584 (12102907)
3736669.6	0.16450 (12010207)	0.16690 (12010207)	0.16285 (12010207)	0.15126 (12010207)	0.13323 (12010207)
3736619.6	0.15725 (12010207)	0.16791 (12010207)	0.17366 (12010207)	0.17060 (12010207)	0.15773 (12010207)
3736569.6	0.15400 (12010207)	0.16831 (12010207)	0.18454 (12010207)	0.18493 (12010207)	0.18126 (12010207)
3736519.6	0.14462 (14010808)	0.16396 (12010207)	0.18716 (12010207)	0.19457 (12010207)	0.20265 (12010207)
3736469.6	0.15026 (14010808)	0.15374 (12010207)	0.18162 (12010207)	0.19822 (12010207)	0.21573 (12010207)
3736419.6	0.14958 (14010808)	0.15931 (14010808)	0.17015 (12010207)	0.19508 (12010207)	0.22137 (12010207)
3736369.6	0.16784 (16021607)	0.15866 (14010808)	0.17519 (14010808)	0.18436 (12010207)	0.21754 (12010207)

3736319.6	0.19219 (16021607)	0.18637 (16021607)	0.17855 (16021607)	0.18736 (14010808)	0.20367 (12010207)
3736269.6	0.20678 (16021607)	0.21270 (16021607)	0.21233 (16021607)	0.20533 (16021607)	0.20989 (14010808)
3736219.6	0.16647 (16021607)	0.17865 (16021607)	0.23359 (16021607)	0.23836 (16021607)	0.23547 (16021607)
3736169.6	0.17069 (15012707)	0.22260 (16021607)	0.19771 (16021607)	0.21229 (16021607)	0.22369 (16021607)
3736119.6	0.17404 (15012707)	0.18865 (15012707)	0.20239 (15012707)	0.21914 (16021607)	0.23970 (16021607)
3736069.6	0.16876 (15012707)	0.18773 (15012707)	0.20743 (15012707)	0.22716 (15012707)	0.24578 (15012707)
3736019.6	0.17947 (14021007)	0.18741 (14021007)	0.20032 (15012707)	0.22627 (15012707)	0.25380 (15012707)
3735969.6	0.19456 (14021007)	0.20785 (14021007)	0.22151 (14021007)	0.23522 (14021007)	0.24857 (14021007)
3735919.6	0.19905 (14021007)	0.21657 (14021007)	0.23586 (14021007)	0.25690 (14021007)	0.27967 (14021007)
3735869.6	0.19288 (14021007)	0.21263 (14021007)	0.23504 (14021007)	0.26072 (14021007)	0.29021 (14021007)
3735819.6	0.20997 (15011207)	0.22676 (15011207)	0.24630 (15011207)	0.26902 (15011207)	0.29546 (15011207)
3735769.6	0.20824 (15011207)	0.22681 (15011207)	0.24821 (15011207)	0.27329 (15011207)	0.30285 (15011207)
3735719.6	0.20235 (12010607)	0.22026 (12010607)	0.24108 (12010607)	0.26553 (12010607)	0.29459 (12010607)
3735669.6	0.20331 (12010607)	0.22091 (12011208)	0.24301 (12011208)	0.26888 (12011208)	0.29946 (12011208)
3735619.6	0.20790 (12011208)	0.22580 (12011208)	0.24615 (12011208)	0.26931 (12011208)	0.29593 (12011208)
3735569.6	0.20046 (16030307)	0.21569 (16030307)	0.23252 (16030307)	0.25109 (16030307)	0.27153 (16030307)
3735519.6	0.18658 (12112807)	0.19924 (12112807)	0.22090 (13022807)	0.24686 (13022807)	0.27562 (13022807)
3735469.6	0.18772 (13022807)	0.20577 (13022807)	0.22509 (13022807)	0.24541 (13022807)	0.26628 (13022807)
3735419.6	0.18801 (13022807)	0.20170 (13022807)	0.21615 (16021007)	0.23746 (16021007)	0.25843 (16021007)
3735369.6	0.18144 (16021007)	0.19673 (16021007)	0.21155 (16021007)	0.22510 (16021007)	0.23618 (16021007)
3735319.6	0.17766 (16021007)	0.18758 (16021007)	0.19581 (16021007)	0.20144 (16021007)	0.20697 (13112507)
3735269.6	0.16600 (16021007)	0.17047 (16021007)	0.17243 (16021007)	0.18230 (13112507)	0.20498 (15123008)
3735219.6	0.14869 (16021007)	0.15464 (13112507)	0.16468 (15123008)	0.18450 (15123008)	0.20211 (15123008)
3735169.6	0.13950 (13112507)	0.15130 (15123008)	0.16723 (15123008)	0.18116 (15123008)	0.19223 (16022507)
3735119.6	0.13935 (15123008)	0.15235 (15123008)	0.16339 (15123008)	0.17258 (16022507)	0.18742 (16022507)
3735069.6	0.13957 (15123008)	0.14844 (15123008)	0.15638 (16022507)	0.16894 (16022507)	0.17763 (16022507)
3735019.6	0.13556 (15123008)	0.14248 (16022507)	0.15309 (16022507)	0.16065 (16022507)	0.16371 (16022507)

 3734969.6 | 0.13072 (16022507)   0.13986 (16022507)   0.14634 (16022507)   0.14922 (16022507)   0.16002 (12121307)
 3734919.6 | 0.12840 (16022507)   0.13409 (16022507)   0.13679 (16022507)   0.14500 (12121307)   0.15335 (12121307)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423372.45	423422.45	423472.45	423522.45	423572.45
3736869.6	0.11725 (12121308)	0.13826 (12112107)	0.16239 (12112107)	0.17639 (12112107)	0.17234 (12112107)
3736819.6	0.12290 (12121308)	0.13369 (12112107)	0.15865 (12112107)	0.17599 (12112107)	0.17984 (12112107)
3736769.6	0.12550 (12121308)	0.12896 (12121308)	0.15872 (12112107)	0.18240 (12112107)	0.18648 (12112107)
3736719.6	0.13016 (12102907)	0.13448 (12121308)	0.15221 (12112107)	0.17838 (12112107)	0.19246 (12112107)
3736669.6	0.13522 (12102907)	0.13827 (12121308)	0.14910 (12112107)	0.18161 (12112107)	0.19721 (12112107)
3736619.6	0.13666 (12102907)	0.14330 (12102907)	0.14740 (12121308)	0.17521 (12112107)	0.20054 (12112107)
3736569.6	0.16159 (12010207)	0.14765 (12102907)	0.15175 (12121308)	0.17169 (12112107)	0.16904 (12112107)
3736519.6	0.18697 (12010207)	0.16597 (12010207)	0.16026 (12102907)	0.15132 (12112107)	0.17520 (12112107)
3736469.6	0.21215 (12010207)	0.19434 (12010207)	0.15464 (12010207)	0.15104 (12112107)	0.18006 (12112107)
3736419.6	0.23305 (12010207)	0.18222 (12010207)	0.17792 (12010207)	0.16571 (12010207)	0.18313 (12112107)
3736369.6	0.24063 (12010207)	0.19931 (12010207)	0.20137 (12010207)	0.19416 (12010207)	0.18367 (12112107)

3736319.6	0.23750 (12010207)	0.21307 (12010207)	0.22344 (12010207)	0.22378 (12010207)	0.21239 (12010207)
3736269.6	0.23002 (12010207)	0.22142 (12010207)	0.24187 (12010207)	0.25268 (12010207)	0.25025 (12010207)
3736219.6	0.23220 (14010808)	0.22223 (12010207)	0.25378 (12010207)	0.27778 (12010207)	0.28865 (12010207)
3736169.6	0.23022 (16021607)	0.23001 (16021607)	0.25617 (12010207)	0.29505 (12010207)	0.32349 (12010207)
3736119.6	0.25722 (16021607)	0.26941 (16021607)	0.27334 (16021607)	0.30000 (12010207)	0.34917 (12010207)
3736069.6	0.27169 (16021607)	0.29831 (16021607)	0.31934 (16021607)	0.33044 (16021607)	0.35851 (12010207)
3736019.6	0.28170 (15012707)	0.30895 (16021607)	0.34884 (16021607)	0.38401 (16021607)	0.40791 (16021607)
3735969.6	0.28098 (15012707)	0.32153 (15012707)	0.36366 (15012707)	0.41125 (16021607)	0.46977 (16021607)
3735919.6	0.30413 (14021007)	0.32945 (14021007)	0.36314 (15012707)	0.42784 (15012707)	0.49764 (15012707)
3735869.6	0.32431 (14021007)	0.36355 (14021007)	0.40835 (14021007)	0.45879 (14021007)	0.51456 (14021007)
3735819.6	0.32637 (15011207)	0.36166 (15011207)	0.41449 (14021007)	0.48337 (14021007)	0.56940 (14021007)
3735769.6	0.33830 (15011207)	0.38145 (15011207)	0.43493 (15011207)	0.50253 (15011207)	0.59004 (15011207)
3735719.6	0.32959 (12010607)	0.37245 (12010607)	0.42574 (12010607)	0.49363 (12010607)	0.58235 (12010607)
3735669.6	0.33601 (12011208)	0.38019 (12011208)	0.43439 (12011208)	0.50203 (12011208)	0.58803 (12011208)
3735619.6	0.32732 (16030307)	0.36484 (16030307)	0.40913 (16030307)	0.46128 (16030307)	0.54712 (13022807)
3735569.6	0.30227 (13022807)	0.34724 (13022807)	0.39929 (13022807)	0.45878 (13022807)	0.52653 (16021007)
3735519.6	0.30710 (13022807)	0.34092 (13022807)	0.38239 (16021007)	0.43265 (16021007)	0.48060 (16021007)
3735469.6	0.29536 (16021007)	0.32680 (16021007)	0.35585 (16021007)	0.37950 (16021007)	0.41380 (15123008)
3735419.6	0.27787 (16021007)	0.29351 (16021007)	0.30299 (16021007)	0.34833 (15123008)	0.39847 (15123008)
3735369.6	0.24349 (16021007)	0.25826 (15123008)	0.29845 (15123008)	0.33287 (15123008)	0.37598 (16022507)
3735319.6	0.22934 (15123008)	0.25924 (15123008)	0.28388 (15123008)	0.31707 (16022507)	0.34007 (16022507)
3735269.6	0.22783 (15123008)	0.24587 (15123008)	0.27248 (16022507)	0.29041 (16022507)	0.31729 (12121307)
3735219.6	0.21579 (16022507)	0.23777 (16022507)	0.25255 (16022507)	0.27167 (12121307)	0.28999 (12121307)
3735169.6	0.21017 (16022507)	0.22226 (16022507)	0.23599 (12121307)	0.25334 (12121307)	0.26263 (15122908)
3735119.6	0.19766 (16022507)	0.20701 (12121307)	0.22353 (12121307)	0.23033 (12121307)	0.24386 (15122908)
3735069.6	0.18348 (12121307)	0.19852 (12121307)	0.20666 (12121307)	0.21534 (15122908)	0.22492 (15022607)
3735019.6	0.17773 (12121307)	0.18612 (12121307)	0.19065 (15122908)	0.20070 (15122908)	0.20832 (15022607)

 3734969.6 | 0.16854 (12121307)   0.17127 (12121307)   0.18069 (15122908)   0.18728 (15022607)   0.19278 (15013007)
 3734919.6 | 0.15713 (12121307)   0.16276 (15122908)   0.16888 (15122908)   0.17473 (15022607)   0.18197 (16021107)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423622.45	423672.45	423722.45	423772.45	423822.45
3736869.6	0.16397 (12112107)	0.16201 (12010508)	0.16020 (15011907)	0.15068 (15011907)	0.17568 (15012007)
3736819.6	0.17710 (12112107)	0.16897 (12010508)	0.16979 (12010508)	0.16176 (15011907)	0.18239 (15012007)
3736769.6	0.18974 (12112107)	0.17600 (12010508)	0.18150 (12010508)	0.17349 (15011907)	0.19085 (15012007)
3736719.6	0.19879 (12112107)	0.18709 (12112107)	0.19378 (12010508)	0.18523 (15011907)	0.19969 (15012007)
3736669.6	0.21558 (12112107)	0.20697 (12112107)	0.20619 (12010508)	0.19771 (15011907)	0.20962 (15012007)
3736619.6	0.22765 (12112107)	0.22673 (12112107)	0.21891 (12010508)	0.21297 (15011907)	0.22149 (15012007)
3736569.6	0.23911 (12112107)	0.24061 (12112107)	0.23056 (12010508)	0.22785 (12010508)	0.23181 (15012007)
3736519.6	0.24397 (12112107)	0.25297 (12112107)	0.25160 (12112107)	0.24337 (12010508)	0.24265 (15012007)
3736469.6	0.25158 (12112107)	0.21773 (12112107)	0.27687 (12112107)	0.26116 (12010508)	0.25511 (15012007)
3736419.6	0.25404 (12112107)	0.23459 (12112107)	0.30357 (12112107)	0.28187 (12010508)	0.27695 (15011907)
3736369.6	0.22186 (12112107)	0.25156 (12112107)	0.32985 (12112107)	0.26040 (12112107)	0.30356 (12010508)

3736319.6	0.22769 (12112107)	0.26789 (12112107)	0.29251 (12112107)	0.29422 (12112107)	0.28423 (12010508)
3736269.6	0.23237 (12010207)	0.28249 (12112107)	0.32054 (12112107)	0.33294 (12112107)	0.31976 (12010508)
3736219.6	0.28147 (12010207)	0.29396 (12112107)	0.34910 (12112107)	0.37705 (12112107)	0.36588 (12112107)
3736169.6	0.33336 (12010207)	0.31834 (12010207)	0.37658 (12112107)	0.42661 (12112107)	0.42951 (12112107)
3736119.6	0.38310 (12010207)	0.39025 (12010207)	0.39997 (12112107)	0.48081 (12112107)	0.50732 (12112107)
3736069.6	0.42245 (12010207)	0.46365 (12010207)	0.46307 (12010207)	0.53764 (12112107)	0.60287 (12112107)
3736019.6	0.43947 (12010207)	0.52626 (12010207)	0.57662 (12010207)	0.59300 (12112107)	0.71893 (12112107)
3735969.6	0.51744 (16021607)	0.55818 (12010207)	0.68330 (12010207)	0.74330 (12010207)	0.86045 (12112107)
3735919.6	0.58607 (16021607)	0.68021 (16021607)	0.74755 (12010207)	0.94520 (12010207)	1.03383 (12112107)
3735869.6	0.61454 (15012707)	0.74973 (15012707)	0.94073 (16021607)	1.12845 (16021607)	1.46809 (12010207)
3735819.6	0.67780 (14021007)	0.81646 (14021007)	0.99962 (15020607)	1.38358 (16021607)	2.14140 (16021607)
3735769.6	0.70683 (15011207)	0.86947 (15011207)	1.10977 (15011207)	1.50940 (15011207)	2.34546 (15011207)
3735719.6	0.70204 (12010607)	0.87033 (12010607)	1.12622 (15011207)	1.54875 (15011207)	2.37862 (15011207)
3735669.6	0.70299 (16030307)	0.86071 (16030307)	1.08687 (16030307)	1.50273 (13022807)	2.31482 (13022807)
3735619.6	0.66372 (13022807)	0.80953 (13022807)	1.01255 (16021007)	1.28724 (16021007)	1.86380 (16022507)
3735569.6	0.62040 (16021007)	0.71671 (16021007)	0.83250 (15123008)	1.08233 (16022507)	1.31938 (12121307)
3735519.6	0.52080 (16021007)	0.62219 (15123008)	0.75649 (16022507)	0.89008 (12121307)	1.00379 (15022607)
3735469.6	0.48913 (15123008)	0.57382 (16022507)	0.65339 (12121307)	0.72370 (15122908)	0.81195 (16021107)
3735419.6	0.45661 (16022507)	0.50587 (12121307)	0.56139 (12121307)	0.61316 (15022607)	0.66449 (16021107)
3735369.6	0.40647 (12121307)	0.45493 (12121307)	0.48664 (15122908)	0.53001 (16021107)	0.55800 (14112607)
3735319.6	0.37627 (12121307)	0.39819 (15122908)	0.42835 (15022607)	0.46191 (16021107)	0.48127 (14112607)
3735269.6	0.33537 (12121307)	0.35728 (13011807)	0.38122 (16021107)	0.40144 (14121808)	0.41746 (14112607)
3735219.6	0.30518 (15122908)	0.32212 (15022607)	0.34420 (16021107)	0.35303 (14112607)	0.36730 (14021108)
3735169.6	0.27785 (13011807)	0.29153 (16021107)	0.30883 (14121808)	0.31869 (14112607)	0.32545 (14021108)
3735119.6	0.25460 (15022607)	0.26957 (16021107)	0.27760 (14121808)	0.28770 (14112607)	0.28984 (14021108)
3735069.6	0.23306 (15013007)	0.24746 (16021107)	0.25106 (14120107)	0.26048 (14021108)	0.26033 (15012307)
3735019.6	0.21868 (16021107)	0.22692 (14121808)	0.23148 (14112607)	0.23828 (14021108)	0.23579 (15012307)

 3734969.6 | 0.20404 (16021107)   0.20769 (14121808)   0.21418 (14112607)   0.21860 (14021108)   0.21528 (14021307)
 3734919.6 | 0.18946 (14121808)   0.19133 (14120107)   0.19793 (14112607)   0.20053 (14021108)   0.19991 (16010108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	423872.45	423922.45	423972.45	424022.45	424072.45
3736869.6	0.18311 (15012007)	0.17856 (15012007)	0.17052 (13010307)	0.17369 (14120407)	0.18132 (14022007)
3736819.6	0.19306 (15012007)	0.18858 (15012007)	0.17954 (13010307)	0.18408 (14120407)	0.19061 (14022007)
3736769.6	0.20316 (15012007)	0.19898 (15012007)	0.18947 (13010307)	0.19345 (14120407)	0.20082 (14022007)
3736719.6	0.21428 (15012007)	0.21044 (15012007)	0.20001 (13010307)	0.20437 (14120407)	0.21302 (14022007)
3736669.6	0.22797 (15012007)	0.22398 (15012007)	0.21338 (13010307)	0.21884 (14022007)	0.22574 (14022007)
3736619.6	0.24321 (15012007)	0.23721 (15012007)	0.22644 (13010307)	0.23476 (14022007)	0.23993 (14022007)
3736569.6	0.25688 (15012007)	0.25294 (15012007)	0.24054 (13010307)	0.25131 (14022007)	0.25236 (14022007)
3736519.6	0.26829 (15012007)	0.26895 (15012007)	0.25821 (13010307)	0.27216 (14022007)	0.26693 (14022007)
3736469.6	0.28661 (15012007)	0.28921 (15012007)	0.27523 (13010307)	0.29216 (14022007)	0.28072 (14022007)
3736419.6	0.31204 (15012007)	0.31483 (15012007)	0.30103 (13010307)	0.31679 (14022007)	0.29703 (14022007)
3736369.6	0.27428 (15012007)	0.33819 (15012007)	0.32283 (14120407)	0.34156 (14022007)	0.31778 (13122307)

 3736319.6 | 0.30328 (15012007)   0.30923 (15012007)   0.29808
(14022007)   0.30655 (14022007)   0.29245 (13122307)
 3736269.6 | 0.33785 (15012007)   0.34740 (15012007)   0.33702
(14022007)   0.34245 (14022007)   0.32991 (13122307)
 3736219.6 | 0.37969 (15012007)   0.39427 (15012007)   0.38479
(14022007)   0.38530 (14022007)   0.37370 (13122307)
 3736169.6 | 0.43076 (15012007)   0.45276 (15012007)   0.44468
(14022007)   0.43691 (14022007)   0.42482 (13122307)
 3736119.6 | 0.49457 (15012007)   0.52810 (15012007)   0.52107
(14022007)   0.50357 (13122307)   0.48427 (13122307)
 3736069.6 | 0.57595 (15012007)   0.62704 (15012007)   0.62107
(14022007)   0.60286 (13122307)   0.57085 (16031007)
 3736019.6 | 0.72187 (12112107)   0.76155 (15012007)   0.75604
(14022007)   0.73210 (13122307)   0.69236 (13121707)
 3735969.6 | 0.92847 (12112107)   0.95296 (15012007)   0.94639
(14022007)   0.90494 (13122307)   0.84258 (13121707)
 3735919.6 | 1.22990 (12112107)   1.24010 (15012007)   1.23757
(13122307)   1.18486 (13121707)   1.05429 (15030607)
 3735869.6 | 1.73118 (12112107)   1.71764 (15012007)   1.79343
(13122307)   1.68483 (13121707)   1.38130 (15030607)
 3735819.6 | 2.47120 (12112107)   2.48336 (13122307)   2.63798
(13122307)   2.69063 (15030607)   1.73243 (14022107)
 3735769.6 | 2.30270 (15011207)   2.16812 (13122307)   2.28313
(13122307)   2.49945 (16020907)   1.82344 (13121708)
 3735719.6 | 2.28375 (15011207)   1.93835 (13012907)   2.24126
(12013008)   2.58857 (12013008)   1.95178 (12013008)
 3735669.6 | 2.31656 (13022807)   2.30299 (13012907)   2.38059
(13012907)   2.51756 (13012308)   1.88743 (12013008)
 3735619.6 | 2.29219 (16021107)   2.37000 (14021307)   2.38615
(13012907)   2.25204 (12030907)   1.58910 (13012308)
 3735569.6 | 1.49580 (16021107)   1.58237 (16010108)   1.53656
(13110707)   1.44307 (13123108)   1.24433 (12030907)
 3735519.6 | 1.10513 (14112607)   1.16814 (16010108)   1.13016
(13110707)   1.08763 (13123108)   0.96034 (13112707)
 3735469.6 | 0.85999 (14112607)   0.91145 (16010108)   0.88158
(13110707)   0.84669 (13123108)   0.77261 (14111807)
 3735419.6 | 0.68905 (14021108)   0.73981 (16010108)   0.71511
(13110707)   0.67496 (13120207)   0.66290 (13123108)
 3735369.6 | 0.56928 (15010707)   0.61287 (16010108)   0.59370
(13110707)   0.56716 (14112707)   0.56237 (13123108)
 3735319.6 | 0.49156 (16010108)   0.52072 (16010108)   0.50470
(13110707)   0.48790 (14112707)   0.47729 (13123108)
 3735269.6 | 0.43036 (16010108)   0.44939 (16010108)   0.43544
(13110707)   0.42500 (15020507)   0.40748 (13120207)
 3735219.6 | 0.38018 (16010108)   0.39288 (16010108)   0.38055
(13110707)   0.37343 (15020507)   0.35738 (13120207)
 3735169.6 | 0.33943 (16010108)   0.34755 (16010108)   0.33658
(13110707)   0.33104 (15020507)   0.31859 (14112707)
 3735119.6 | 0.30534 (16010108)   0.31051 (16010108)   0.30042
(13110707)   0.29548 (15020507)   0.28886 (14112707)
 3735069.6 | 0.27717 (16010108)   0.28005 (16010108)   0.27050
(13110707)   0.26616 (13110707)   0.26267 (14112707)
 3735019.6 | 0.25280 (16010108)   0.25413 (16010108)   0.24510
(13110707)   0.24310 (13110707)   0.24039 (15020507)

 3734969.6 | 0.23183 (16010108)   0.23197 (16010108)   0.22336 (13110707)   0.22293 (13110707)   0.22059 (15020507)
 3734919.6 | 0.21300 (16010108)   0.21303 (16010108)   0.20483 (13110707)   0.20556 (13110707)   0.20327 (15020507)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	424122.45	424172.45	424222.45	424272.45	424322.45
3736869.6	0.17940 (14022007)	0.16173 (14022007)	0.17148 (13122307)	0.17502 (13122307)	0.16200 (13122307)
3736819.6	0.18646 (14022007)	0.17134 (13122307)	0.18264 (13122307)	0.18075 (13122307)	0.16455 (13122307)
3736769.6	0.19409 (14022007)	0.18513 (13122307)	0.19227 (13122307)	0.18611 (13122307)	0.16665 (13122307)
3736719.6	0.20154 (14022007)	0.19924 (13122307)	0.20247 (13122307)	0.19138 (13122307)	0.18178 (16031007)
3736669.6	0.21037 (14022007)	0.21485 (13122307)	0.21174 (13122307)	0.19520 (13122307)	0.19800 (16031007)
3736619.6	0.21774 (14022007)	0.23110 (13122307)	0.22259 (13122307)	0.20294 (16031007)	0.21666 (16031007)
3736569.6	0.23902 (13122307)	0.24961 (13122307)	0.23479 (13122307)	0.22619 (16031007)	0.23391 (16031007)
3736519.6	0.25732 (13122307)	0.25937 (13122307)	0.23772 (13122307)	0.24389 (16031007)	0.24373 (13121707)
3736469.6	0.27810 (13122307)	0.27231 (13122307)	0.25392 (16031007)	0.26405 (16031007)	0.25859 (13121707)
3736419.6	0.29550 (13122307)	0.28818 (13122307)	0.27663 (16031007)	0.28250 (13121707)	0.26191 (13121707)
3736369.6	0.26175 (13122307)	0.30291 (13122307)	0.30780 (16031007)	0.24121 (13121707)	0.27388 (16121407)

3736319.6	0.28768 (13122307)	0.33627 (16031007)	0.27398 (13121707)	0.31586 (13121707)	0.24038 (16121407)
3736269.6	0.31607 (13122307)	0.31291 (16031007)	0.30081 (13121707)	0.27460 (16121407)	0.26684 (15032607)
3736219.6	0.35370 (16031007)	0.34997 (13121707)	0.32565 (13121707)	0.30458 (15032607)	0.29527 (15030607)
3736169.6	0.40926 (16031007)	0.39169 (13121707)	0.35408 (16121407)	0.34330 (15030607)	0.32215 (15030607)
3736119.6	0.47197 (13121707)	0.43069 (13121707)	0.40742 (15032607)	0.38243 (15030607)	0.34388 (13111407)
3736069.6	0.54402 (13121707)	0.49270 (15032607)	0.46435 (15030607)	0.41317 (13111407)	0.36149 (12010408)
3736019.6	0.61328 (13121707)	0.58107 (15030607)	0.51070 (13111407)	0.44208 (12010408)	0.40130 (15122907)
3735969.6	0.75838 (15030607)	0.65686 (13111407)	0.55732 (12010408)	0.49247 (15122907)	0.44254 (14022107)
3735919.6	0.89820 (13111407)	0.73371 (12010408)	0.63180 (14022107)	0.54930 (14022107)	0.47568 (16020907)
3735869.6	1.04643 (15122907)	0.85616 (14022107)	0.70438 (16020907)	0.59115 (13010908)	0.49864 (13010908)
3735819.6	1.23218 (16020907)	0.93020 (13010908)	0.76141 (13121708)	0.63843 (13121708)	0.54081 (13121708)
3735769.6	1.31532 (13101507)	1.01109 (13101507)	0.80880 (13101507)	0.66423 (13101507)	0.55722 (13101507)
3735719.6	1.36568 (12013008)	1.01808 (12013008)	0.80406 (12011008)	0.66063 (12011008)	0.55582 (12011008)
3735669.6	1.35119 (12013008)	1.05096 (12013008)	0.84607 (12013008)	0.69643 (12013008)	0.58380 (12013008)
3735619.6	1.21486 (13012308)	0.93416 (12010608)	0.74513 (15012108)	0.63020 (15012108)	0.55063 (12013008)
3735569.6	0.98756 (13110807)	0.84383 (13012308)	0.71356 (13012308)	0.59602 (12010608)	0.49833 (12010608)
3735519.6	0.84451 (12030907)	0.70198 (13110807)	0.62425 (15123108)	0.55793 (13012308)	0.48813 (13012308)
3735469.6	0.69796 (12030907)	0.62871 (12030907)	0.53420 (13010108)	0.48887 (13110807)	0.44441 (13012308)
3735419.6	0.59797 (13112707)	0.54733 (12030907)	0.49328 (13010108)	0.43013 (13010108)	0.39883 (13110807)
3735369.6	0.50853 (14111807)	0.47644 (13112707)	0.44377 (12030907)	0.40269 (13010108)	0.35669 (13010108)
3735319.6	0.45785 (13123108)	0.42093 (14111807)	0.39096 (14102807)	0.36965 (12030907)	0.33821 (13010108)
3735269.6	0.40806 (13123108)	0.37132 (15010608)	0.35400 (13112707)	0.32820 (16022907)	0.31369 (12030907)
3735219.6	0.36033 (13123108)	0.34120 (13123108)	0.31842 (14111807)	0.30128 (14102807)	0.28421 (12030907)
3735169.6	0.31718 (13123108)	0.31270 (13123108)	0.28738 (15010608)	0.27628 (13112707)	0.26149 (14102807)
3735119.6	0.28145 (13120207)	0.28417 (13123108)	0.26742 (13123108)	0.25253 (14111807)	0.24252 (13112707)
3735069.6	0.25505 (13120207)	0.25673 (13123108)	0.24969 (13123108)	0.23171 (15010608)	0.22349 (14111807)
3735019.6	0.23110 (13120207)	0.23109 (13123108)	0.23135 (13123108)	0.21703 (13123108)	0.20691 (14111807)

 3734969.6 | 0.21157 (14112707)   0.20997 (13120207)   0.21290
(13123108)   0.20533 (13123108)   0.19242 (15010608)
 3734919.6 | 0.19711 (14112707)   0.19420 (13120207)   0.19511
(13123108)   0.19289 (13123108)   0.18073 (13123108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	424372.45	424422.45	424472.45	424522.45	424572.45
3736869.6	0.14986 (16031007)	0.16392 (16031007)	0.16950 (16031007)	0.17048 (13121707)	0.15966 (13121707)
3736819.6	0.16555 (16031007)	0.17600 (16031007)	0.18010 (13121707)	0.17385 (13121707)	0.15934 (15010808)
3736769.6	0.17703 (16031007)	0.18499 (16031007)	0.18826 (13121707)	0.17518 (13121707)	0.16763 (16121407)
3736719.6	0.19383 (16031007)	0.19715 (13121707)	0.19267 (13121707)	0.17463 (15010808)	0.17717 (16121407)
3736669.6	0.20232 (16031007)	0.20677 (13121707)	0.19570 (13121707)	0.18647 (16121407)	0.18280 (16121407)
3736619.6	0.21691 (13121707)	0.21515 (13121707)	0.19870 (16121407)	0.19721 (16121407)	0.18319 (15032607)
3736569.6	0.23087 (13121707)	0.21785 (13121707)	0.21257 (16121407)	0.20093 (16121407)	0.20133 (15030607)
3736519.6	0.23488 (13121707)	0.22489 (16121407)	0.22096 (16121407)	0.21566 (15030607)	0.21989 (15030607)
3736469.6	0.23409 (13121707)	0.24106 (16121407)	0.22727 (15032607)	0.23754 (15030607)	0.23264 (15030607)
3736419.6	0.25291 (16121407)	0.24758 (16121407)	0.25709 (15030607)	0.25171 (15030607)	0.23301 (13111407)
3736369.6	0.26911 (16121407)	0.27826 (15030607)	0.27751 (15030607)	0.25848 (13111407)	0.23836 (13111407)

3736319.6	0.28847 (15030607)	0.30531 (15030607)	0.28693 (13111407)	0.25769 (13111407)	0.23091 (13021507)
3736269.6	0.32929 (15030607)	0.31140 (13111407)	0.29198 (13111407)	0.25273 (13021507)	0.24654 (12010408)
3736219.6	0.35516 (13111407)	0.32491 (13111407)	0.28381 (13021507)	0.27849 (12010408)	0.26651 (15122907)
3736169.6	0.36422 (13111407)	0.31813 (13021507)	0.31317 (12010408)	0.30179 (15122907)	0.27844 (15122907)
3736119.6	0.36430 (12010408)	0.35389 (12010408)	0.33540 (15122907)	0.30482 (15122907)	0.29642 (14022107)
3736069.6	0.40769 (15122907)	0.37965 (15122907)	0.35116 (14022107)	0.33204 (14022107)	0.30543 (14022107)
3736019.6	0.36104 (14022107)	0.40840 (14022107)	0.36947 (14022107)	0.34162 (16020907)	0.31854 (16020907)
3735969.6	0.39398 (14022107)	0.35118 (16020907)	0.31803 (13010908)	0.28844 (13010908)	0.31820 (13010908)
3735919.6	0.41921 (13010908)	0.36972 (13010908)	0.32414 (15012907)	0.29663 (13121708)	0.27399 (13121708)
3735869.6	0.44010 (13121708)	0.39350 (13121708)	0.35217 (13121708)	0.31570 (13121708)	0.28376 (13121708)
3735819.6	0.46258 (13121708)	0.40779 (13101507)	0.36315 (13101507)	0.32545 (13101507)	0.29357 (13101507)
3735769.6	0.47534 (13101507)	0.41127 (13101507)	0.35993 (13101507)	0.31812 (13101507)	0.28426 (12011008)
3735719.6	0.47664 (12011008)	0.41495 (12011008)	0.36584 (12011008)	0.32589 (12011008)	0.29300 (12011008)
3735669.6	0.49673 (12013008)	0.42795 (12013008)	0.37266 (12013008)	0.32755 (12013008)	0.29033 (12013008)
3735619.6	0.48474 (12013008)	0.42899 (12013008)	0.38163 (12013008)	0.34123 (12013008)	0.30666 (12013008)
3735569.6	0.43876 (15012108)	0.39206 (15012108)	0.34971 (15012108)	0.32104 (12013008)	0.29517 (12013008)
3735519.6	0.42553 (12010608)	0.36975 (12010608)	0.32674 (12030507)	0.29987 (15012108)	0.27558 (15012108)
3735469.6	0.40643 (13012308)	0.36254 (13012308)	0.32475 (12010608)	0.28925 (12010608)	0.25999 (12030507)
3735419.6	0.36736 (15123108)	0.34057 (13012308)	0.31371 (13012308)	0.28349 (13012308)	0.25906 (12010608)
3735369.6	0.33282 (13110807)	0.30813 (15123108)	0.28934 (15123108)	0.27181 (13012308)	0.25189 (13012308)
3735319.6	0.30295 (13010108)	0.28291 (13110807)	0.26660 (13110807)	0.25102 (15123108)	0.23625 (13012308)
3735269.6	0.28934 (13010108)	0.26148 (13010108)	0.24379 (13110807)	0.23326 (13110807)	0.21936 (15123108)
3735219.6	0.27093 (12030907)	0.25159 (13010108)	0.22902 (13010108)	0.21280 (13110807)	0.20602 (13110807)
3735169.6	0.24935 (12030907)	0.23687 (12030907)	0.22147 (13010108)	0.20286 (13010108)	0.18771 (13110807)
3735119.6	0.22875 (14102807)	0.22102 (12030907)	0.20933 (12030907)	0.19701 (13010108)	0.18153 (13010108)
3735069.6	0.21423 (14102807)	0.20291 (16022907)	0.19745 (12030907)	0.18678 (12030907)	0.17688 (13010108)
3735019.6	0.20050 (13112707)	0.19180 (14102807)	0.18277 (16022907)	0.17782 (12030907)	0.16802 (12030907)

 3734969.6 | 0.18658 (14111807)   0.18015 (13112707)   0.17215 (14102807)   0.16584 (12030907)   0.16119 (12030907)
 3734919.6 | 0.17361 (14111807)   0.16925 (13112707)   0.16326 (14102807)   0.15526 (14102807)   0.15168 (12030907)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
423808.64	3735782.01	1.98397	(14021007)	423778.42	3735711.03	1.62369	(16030307)
423675.73	3735807.74	0.84862	(14021007)	423822.52	3735853.96	1.65275	(12010207)
423884.78	3735852.50	2.02642	(12112107)	423598.82	3735852.10	0.58592	(14021007)
423550.18	3735806.89	0.52304	(14021007)	423486.18	3735850.67	0.43430	(14021007)
423388.42	3735807.38	0.34059	(15011207)	423265.85	3735853.10	0.25537	(14021007)
423243.47	3735813.71	0.25558	(15011207)	423093.67	3735863.32	0.18837	(15011207)
423190.94	3735810.30	0.23370	(15011207)	423787.26	3735854.08	1.32402	(16021607)
424037.75	3735799.11	2.57748	(16020907)	424038.72	3735764.09	2.49445	(16020907)
424037.26	3735729.07	2.61175	(12013008)	424039.21	3735703.29	2.64276	(12013008)
424037.75	3735675.57	2.59441	(12013008)	424019.75	3735624.50	2.38643	(12030907)
423977.74	3735628.22	2.56664	(13012907)	423929.31	3735627.85	2.54557	(13110707)
423887.30	3735627.30	2.43193	(14112607)	423857.76	3735627.85	2.39040	(15022607)

```
        423815.39   3735653.53        2.09374  (13022807)
423813.92   3735599.60        1.53618  (16022507)
        423939.99   3735858.43        1.87146  (15012007)
423977.32   3735859.45        1.96866  (13122307)
        423741.06   3735859.42        1.05440  (16021607)
423707.67   3735859.42        0.89603  (16021607)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.09625 AT (423972.45, 3735769.57, 50.10, 50.10, 0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	0.09114 AT (423922.45, 3735719.57, 50.40, 50.40, 0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	0.09109 AT (423972.45, 3735719.57, 49.70, 49.70, 0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	0.09038 AT (423922.45, 3735769.57, 49.90, 49.90, 0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	0.08027 AT (424022.45, 3735769.57, 49.40, 50.30, 0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	0.07631 AT (423972.45, 3735819.57, 49.80, 49.80, 0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	0.07387 AT (424022.45, 3735719.57, 49.20, 49.20, 0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	0.07049 AT (424022.45, 3735819.57, 49.70, 49.70, 0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	0.07041 AT (424038.72, 3735764.09, 49.34, 49.34, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.07017 AT (424037.75, 3735799.11, 49.61, 49.61, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

** CONC OF PM_10 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	2.69063	ON 15030607: AT (424022.45, 3735819.57, 49.70, 49.70, 0.00)	GC	UCART1

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1864 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1500 Calm Hours Identified

A Total of 364 Missing Hours Identified (0.83 Percent)

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

******** WARNING MESSAGES ********
ME W186 627 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 627 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

APPENDIX C.1 – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

Cypress Grove Project

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule 8 hrs/day 5 days per week

Onsite DPM Construction Emissions
Size of the Construction Area: 8.54 acres acres
Size of the Construction Area: 34,560 m2

Unit Emission Rate: 2.89349E-05 g/m2-sec

CalEEMod Default Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)
Demolition	6/1/2026	7/10/2026	**0.91**	**75**	67.97	0.033983
Site Preparation	7/11/2026	7/24/2026	**1.86**	**10**	18.61	0.009305
Grading	7/25/2026	8/21/2026	**1.04**	**20**	20.76	0.010381
Building Construction - 2026	8/22/2026	12/31/2026	**0.41**	**94**	38.48	0.019240
Building Construction - 2027	1/1/2027	7/9/2027	**0.36**	**136**	49.59	0.024793
Paving	7/10/2027	8/6/2027	**0.30**	**20**	5.96	0.002981
Architectural Coating	8/7/2027	9/10/2027	**0.03**	**25**	0.63	0.000317
			4.9028	380	134.035	0.353

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)		
2026	0.072909	199	0.7328	0.0916	0.0116	3.342E-07	→	**2.42E-07**
2027	0.028092	181	0.3104	0.0388	0.0049	1.416E-07		
					0.016			

Offsite DPM Construction Emissions

Daily Max Offsite PM10E — Daily Max Offsite PM10E — Daily Max Offsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	6/1/2026	7/10/2026	75	0.1108	8.3115	0.00415575	0.0000	0	0	0.0000	0	0
Site Preparation	7/11/2026	7/24/2026	10	0.0000	0	0	0.0000	0	0	0.0000	0	0
Grading	7/25/2026	8/21/2026	20	0.2370	4.739938633	0.002369969	0.0000	0	0	0.0000	0	0
Building Construction - 2026	8/22/2026	12/31/2026	94	0.0000	0	0	0.0035	0.327648355	0.000163824	0.0000	0	0
Building Construction - 2027	1/1/2026	7/9/2027	136	0.0000	0	0	0.0035	0.474044429	0.000237022	0.0000	0	0
Paving	7/10/2027	8/6/2027	20	0.0000	0	0	0.0000	0	0	0.0000	0	0
Architectural Coating	8/7/2027	9/10/2027	25	0.0000	0	0	0.0000	0	0	0.0000	0	0
			380	0.3478	13.05143863	0.006525719	0.0070	0.801692784	0.000400846	0.0000	0	0

Offsite DPM Emissions (at the CalEEMOd Default Tria Distances)

Year	# of Construction Days	Haul Trucks AnnualEmissions (tons/year)	Haul Trucks Average Daily (lb/day)	Haul Trucks Average Hourly (lb/hr)	Haul Trucks Average Hourly (g/sec)	Vendor Trucks AnnualEmissions (tons/year)	Vendor Trucks Average Daily (lb/day)	Vendor Trucks Average Hourly (lb/hr)	Vendor Trucks Average Hourly (g/sec)	Worker Vehicles AnnualEmissions (tons/year)	Worker Vehicles Average Daily (lb/day)	Worker Vehicles Average Hourly (lb/hr)	Worker Vehicles Average Hourly (g/sec)	
2026	199	0.006525719	0.065585119	0.00819814	0.001033877	0.000163824	0.001646474	0.000205809	0.00002595	0	0	0	0	6.37E-03
2027	181	0	0	0	0	0.000237022	0.00261903	0.000327379	4.12861E-05	0	0	0	0	

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)	meters
Haul Truck	20	3.219E+04
Vendor Truck	10.2	1.642E+04
Worker	18.5	2.977E+04

Travel Routes

	Meters	Miles	Percent of Trips
Offsite 1:Project Site to 17th Ave Junction	993.6	0.617394417	100%
Offsite 2: Junction to NB 55	419.6	0.260727352	50%
Offsite 2: Junction to SB 55	563.4	0.35008053	50%

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2026 (From CalEEMOd)	1.034E-03	2.595E-05	0.000E+00			
2026 (Scaled for Distance and Distribution)						
Offsite 1:Project Site to 17th Ave Junction	3.192E-05	1.571E-06	0.000E+00	3.349E-05	2.655E-04	2.124E-03
Offsite 2: Junction to NB 55	6.739E-06	1.327E-06	0.000E+00	8.066E-06	6.396E-05	5.117E-04
Offsite 2: Junction to SB 55	9.049E-06	1.782E-06	0.000E+00	1.083E-05	8.588E-05	6.870E-04
2027 (from CalEEMod)	0.000E+00	4.129E-05	0.000E+00			
2027 (Scaled for Distance and Distribution)						
Offsite 1:Project Site to 17th Ave Junction	0.000E+00	2.499E-06	0.000E+00	2.499E-06	1.982E-05	1.585E-04
Offsite 2: Junction to NB 55	0.000E+00	2.111E-06	0.000E+00	2.111E-06	1.674E-05	0.000E+00
Offsite 2: Junction to SB 55	0.000E+00	2.834E-06	0.000E+00	2.834E-06	2.247E-05	0.000E+00

hauling has no 2026

Weighted Average Emissions		
Offsite 1	**1.873E-05**	g/sec
Offsite 2	**5.229E-06**	g/sec
Offsite 3	**7.021E-06**	g/sec

APPENDIX C.2 – ESTIMATION OF MITIGATED PROJECT CONSTRUCTION DPM EMISSIONS

Cypress Grove Project

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule **8** hrs/day **5** days per week

Onsite DPM Construction Emissions
Size of the Construction Area: 8.54 acres acres
Size of the Construction Area: 34,560 m2

Unit Emission Rate: 2.89349E-05 g/m2-sec

CalEEMod Default Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)
Demolition	6/1/2026	7/10/2026	**0.22**	**75**	16.77	0.008385
Site Preparation	7/11/2026	7/24/2026	**0.84**	**10**	8.35	0.004177
Grading	7/25/2026	8/21/2026	**0.56**	**20**	11.13	0.005566
Building Construction - 2026	8/22/2026	12/31/2026	**0.29**	**94**	26.92	0.013461
Building Construction - 2027	1/1/2027	7/9/2027	**0.25**	**136**	33.81	0.016906
Paving	7/10/2027	8/6/2027	**0.30**	**20**	5.96	0.002981
Architectural Coating	8/7/2027	9/10/2027	**0.03**	**25**	0.63	0.000317
			2.4741	380	103.587	0.273

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)		
2026	0.031589	199	0.3175	0.0397	0.0050	1.44E-07	→	**1.24E-07**
2027	0.020204	181	0.2233	0.0279	0.0035	1.01E-07		
					0.009			

Offsite DPM Construction Emissions

Daily Max Offsite PM10E | Daily Max Offsite PM10E | Daily Max Offsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	6/1/2026	7/10/2026	75	0.11	8.3115	0.00415575	0.0000	0	0	0.0000	0	0
Site Preparation	7/11/2026	7/24/2026	10	0.00	0	0	0.0000	0	0	0.0000	0	0
Grading	7/25/2026	8/21/2026	20	0.24	4.739938633	0.002369969	0.0000	0	0	0.0000	0	0
Building Construction - 2026	8/22/2026	12/31/2026	94	0.00	0	0	0.0035	0.327648355	0.000163824	0.0000	0	0
Building Construction - 2027	1/1/2026	7/9/2027	136	0.0000	0	0	0.0035	0.474044429	0.000237022	0.0000	0	0
Paving	7/10/2027	8/6/2027	20	0.0000	0	0	0.0000	0	0	0.0000	0	0
Architectural Coating	8/7/2027	9/10/2027	25	0.0000	0	0	0.0000	0	0	0.0000	0	0
			380	0.3478	13.05143863	0.006525719	0.0070	0.801692784	0.000400846	0.0000	0	0

Offsite DPM Emissions (at the CalEEMOd Default Tria Distances)

		Haul Trucks				Vendor Trucks				Worker Vehicles				
Year	# of Construction Days	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	verage Hourly (g/sec)	6.37E-03
2026	199	0.006525719	0.065585119	0.00819814	0.001033877	0.000163824	0.001646474	0.000205809	0.00002595	0	0	0	0	
2027	181	0	0	0	0	0.000237022	0.00261903	0.000327379	4.12861E-05	0	0	0	0	

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)	meters
Haul Truck	20	3.219E+04
Vendor Truck	10.2	1.642E+04
Worker	18.5	2.977E+04

Travel Routes

	Meters	Miles	Percent of Trips
Offsite 1:Project Site to 17th Ave Junction	993.6	0.617394417	100%
Offsite 2: Junction to NB 55	419.6	0.260727352	50%
Offsite 3: Junction to SB 55	563.4	0.35008053	50%

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2026 (From CalEEMOd)	1.034E-03	2.595E-05	0.000E+00			
2026 (Scaled for Distance and Distribution)						
Offsite 1:Project Site to 17th Ave Junction	3.192E-05	1.571E-06	0.000E+00	3.349E-05	2.655E-04	2.124E-03
Offsite 2: Junction to NB 55	6.739E-06	1.327E-06	0.000E+00	8.066E-06	6.396E-05	5.117E-04
Offsite 3: Junction to SB 55	9.049E-06	1.782E-06	0.000E+00	1.083E-05	8.588E-05	6.870E-04
2027 (from CalEEMod)	0.000E+00	4.129E-05	0.000E+00			
2027 (Scaled for Distance and Distribution)						
Offsite 1:Project Site to 17th Ave Junction	0.000E+00	2.499E-06	0.000E+00	2.499E-06	1.982E-05	1.585E-04
Offsite 2: Junction to NB 55	0.000E+00	2.111E-06	0.000E+00	2.111E-06	1.674E-05	0.000E+00
Offsite 3: Junction to SB 55	0.000E+00	2.834E-06	0.000E+00	2.834E-06	2.247E-05	0.000E+00

hauling has no 2026

Weighted Average Emissions		
Offsite 1	**1.873E-05**	g/sec
Offsite 2	**5.229E-06**	g/sec
Offsite 3	**7.021E-06**	g/sec

APPENDIX D.1 – ESTIMATION OF CONSTRUCTION HEALTH RISK

Conifer Self Storage Project

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Construction Days	6/1/2026	11/12/2027	529	1.45
3rd Trimester (2026)	6/1/2026	9/1/2026	92	0.25
0-1 year (2026)	9/1/2026	12/31/2026	121	0.33
0-1 year (2027)	1/1/2027	11/12/2027	315	0.86
			Total:	1.45

Cypress Grove Residential

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	34,560 m2		19586.78507
Unit EmissionRate:	2.89349E-05 g/m2-sec	> Plugged this into Area Source	

Inputs:

Actual Onsite Emission Source

Year	Average Hourly Emission Rate (g/m2-sec)	Weighted Avg (g/m2-sec)
2026	3.3423E-07	**Area Source:**
2027	1.41585E-07	2.42E-07

Offsite Unit Emission Source: 0.001 g/sec

Year	Average Hourly Emission Rate (g/sec)		New 60mi Inputs (g/sec)	
		Offsite 1:Project Site to 17th Ave Junction	1.87267E-05	g/sec
		Offsite 2: Junction to NB 55	5.22932E-06	g/sec
		Offsite 2: Junction to SB 55	7.02145E-06	g/sec

Results:

Max=school	0
Max=Residential	0.1369
Max^	0.1369
Max=Worker	0.05977

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	14.95	10	No
Maximum Impacted Sensitive Receptor – Adult	0.57	10	No
Maximum Impacted Worker Receptor	0.21	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.03	1	No
Maximum Impacted Sensitive Receptor – Adult	0.03	1	No
Maximum Impacted Worker Receptor	0.01	1	No

5mph

Cypress Grove Residential 0

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**30-year Exposure**	**Adult**	**Total Cancer risk**
				0.57

Maximum Period DPM Concentration **0.1369** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
1	2025	0.13690	1.1	261	0.58	350	25550	1	1	0.23
2	2026	0.13690	1.1	261	0.86	350	25550	1	1	0.34
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Cypress Grove Residential **0**

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure	Total Cancer risk	HI
			0.21	0.01

Maximum Period DPM Concentration **0.05977** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)
1	2025	0.05977	1.1	230	0.58	250	25550	1	0.09
2	2026	0.05977	1.1	230	0.86	250	25550	1	0.13
3	2026								0.00
4	2027								0.00
5	2028								0.00
6	2029								0.00
7	2030								0.00
8	2031								0.00
9	2032								0.00
10	2033								0.00
11	2034								0.00
12	2035								0.00
13	2036								0.00
14	2037								0.00
15	2038								0.00
16	2039								0.00
17	2040								0.00
18	2041								0.00
19	2042								0.00
20	2043								0.00
21	2044								0.00
22	2045								0.00
23	2046								0.00
24	2047								0.00
25	2048								0.00

APPENDIX D.2 – ESTIMATION OF MITIGATED CONSTRUCTION HEALTH RISK

Cypress Grove Residential

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			14.95	0.03

Maximum Period DPM Concentration **0.1369** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (L/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2025	0.13690	1.1	361	0.25	250	25550	1	10	1.14
1	2025	0.13690	1.1	1090	0.33	250	25550	1	10	3.83
2	2026	0.13690	1.1	1090	0.86	250	25550	1	10	9.98
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Cypress Grove Residential

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	34,560	m2		19586.78507
Unit EmissionRate:	2.89349E-05	g/m2-sec	> Plugged this into Area Source	

Inputs:

Actual Onsite Emission Source

Year	**Average Hourly Emission Rate (g/m2-sec)**	**Weighted Avg (g/m2-sec)**
2026	3.3423E-07	**Area Source:**
2027	1.41585E-07	1.24E-07

Offsite Unit Emission Source: 0.001 g/sec

Year	**Average Hourly Emission Rate (g/sec)**		New 60mi Inputs (g/sec)	
		Offsite 1:Project Site to 17th Ave Junction	1.23405E-05	g/sec
		Offsite 2: Junction to NB 55	3.88087E-06	g/sec
		Offsite 2: Junction to NB 56	-	g/sec

Results:

Max=school	0
Max=Residential	0.07041
Max^	0.07041
Max=Worker	0.0307

Receptor	**Cancer Risk (per million)**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	7.69	10	No
Maximum Impacted Sensitive Receptor – Adult	0.29	10	No
Maximum Impacted Worker Receptor	0.11	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.01	1	No
Maximum Impacted Sensitive Receptor – Adult	0.01	1	No
Maximum Impacted Worker Receptor	0.01	1	No

5mph

Cypress Grove Residential

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			7.69	0.01

Maximum Period DPM Concentration **0.0704** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (L/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2025	0.07041	1.1	361	0.25	250	25550	1	10	0.59
1	2025	0.07041	1.1	1090	0.33	250	25550	1	10	1.97
2	2026	0.07041	1.1	1090	0.86	250	25550	1	10	5.13
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Cypress Grove Residential 0

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
				0.29

Maximum Period DPM Concentration **0.07041** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
1	2025	0.07041	1.1	261	0.58	350	25550	1	1	0.12
2	2026	0.07041	1.1	261	0.86	350	25550	1	1	0.17
3	2027	0.00000								0.00
4	2028	0.00000								0.00
5	2029	0.00000								0.00
6	2030	0.00000								0.00
7	2031	0.00000								0.00
8	2032	0.00000								0.00
9	2033	0.00000								0.00
10	2034	0.00000								0.00
11	2035	0.00000								0.00
12	2036	0.00000								0.00
13	2037	0.00000								0.00
14	2038	0.00000								0.00
15	2039	0.00000								0.00
16	2040	0.00000								0.00
17	2041	0.00000								0.00
18	2042	0.00000								0.00
19	2043	0.00000								0.00
20	2044	0.00000								0.00
21	2045	0.00000								0.00
22	2046	0.00000								0.00
23	2047	0.00000								0.00
24	2048	0.00000								0.00
25	2049	0.00000								0.00
26	2050	0.00000								0.00
27	2051	0.00000								0.00
28	2052	0.00000								0.00
29	2053	0.00000								0.00
30	2054	0.00000								0.00

Cypress Grove Residential **0**

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure	Total Cancer risk	HI
			0.11	0.01

Maximum Period DPM Concentration **0.0307** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)
1	2025	0.03070	1.1	230	0.58	250	25550	1	0.04
2	2026	0.03070	1.1	230	0.86	250	25550	1	0.07
3	2026								0.00
4	2027								0.00
5	2028								0.00
6	2029								0.00
7	2030								0.00
8	2031								0.00
9	2032								0.00
10	2033								0.00
11	2034								0.00
12	2035								0.00
13	2036								0.00
14	2037								0.00
15	2038								0.00
16	2039								0.00
17	2040								0.00
18	2041								0.00
19	2042								0.00
20	2043								0.00
21	2044								0.00
22	2045								0.00
23	2046								0.00
24	2047								0.00
25	2048								0.00